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### College Catalog, 1949-1950

Buffalo State College

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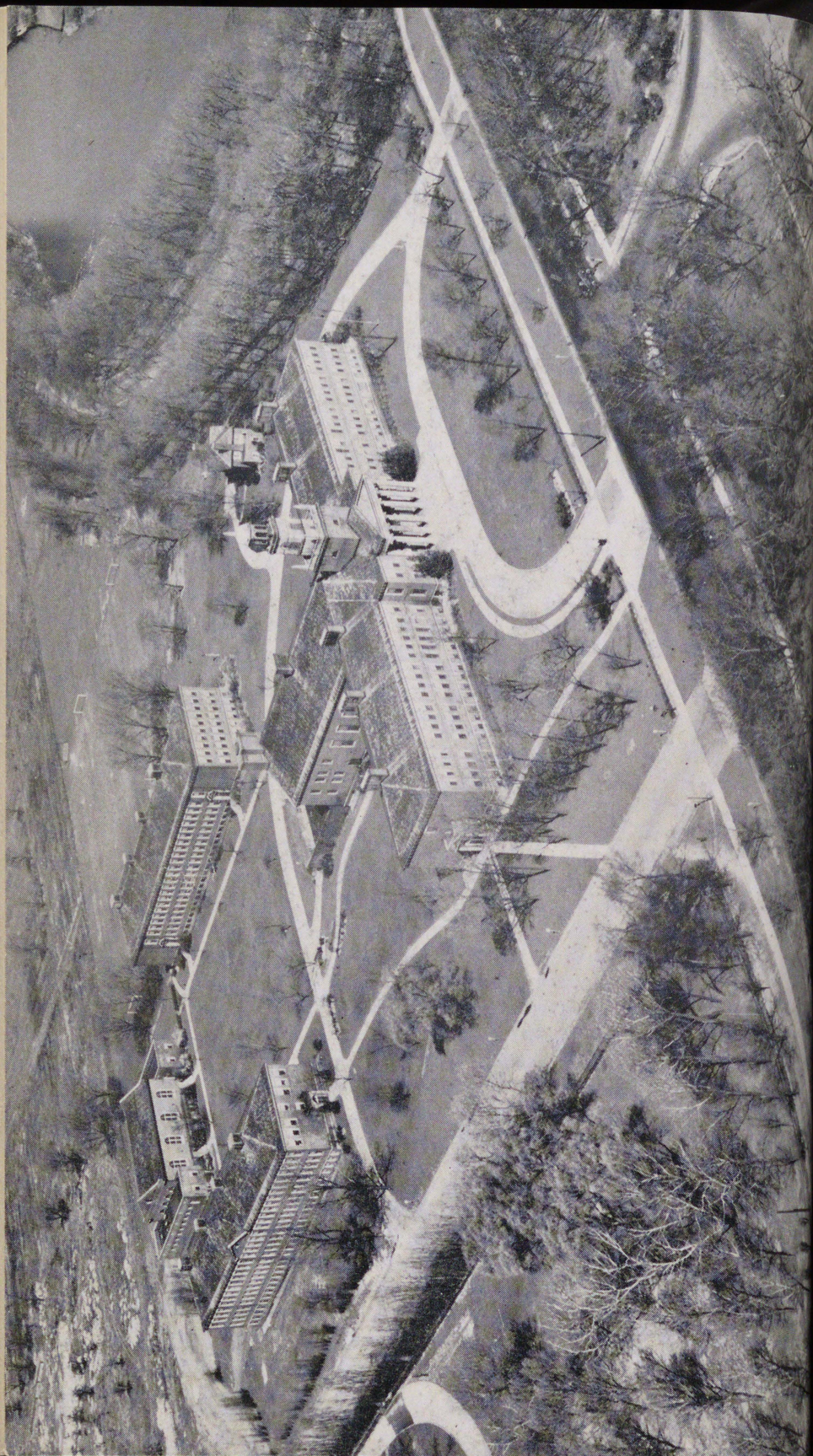
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STATE COLLEGE FOR TEACHERS  
1400 ELMHURST AVENUE  
BUFFALO, N. Y. 14222

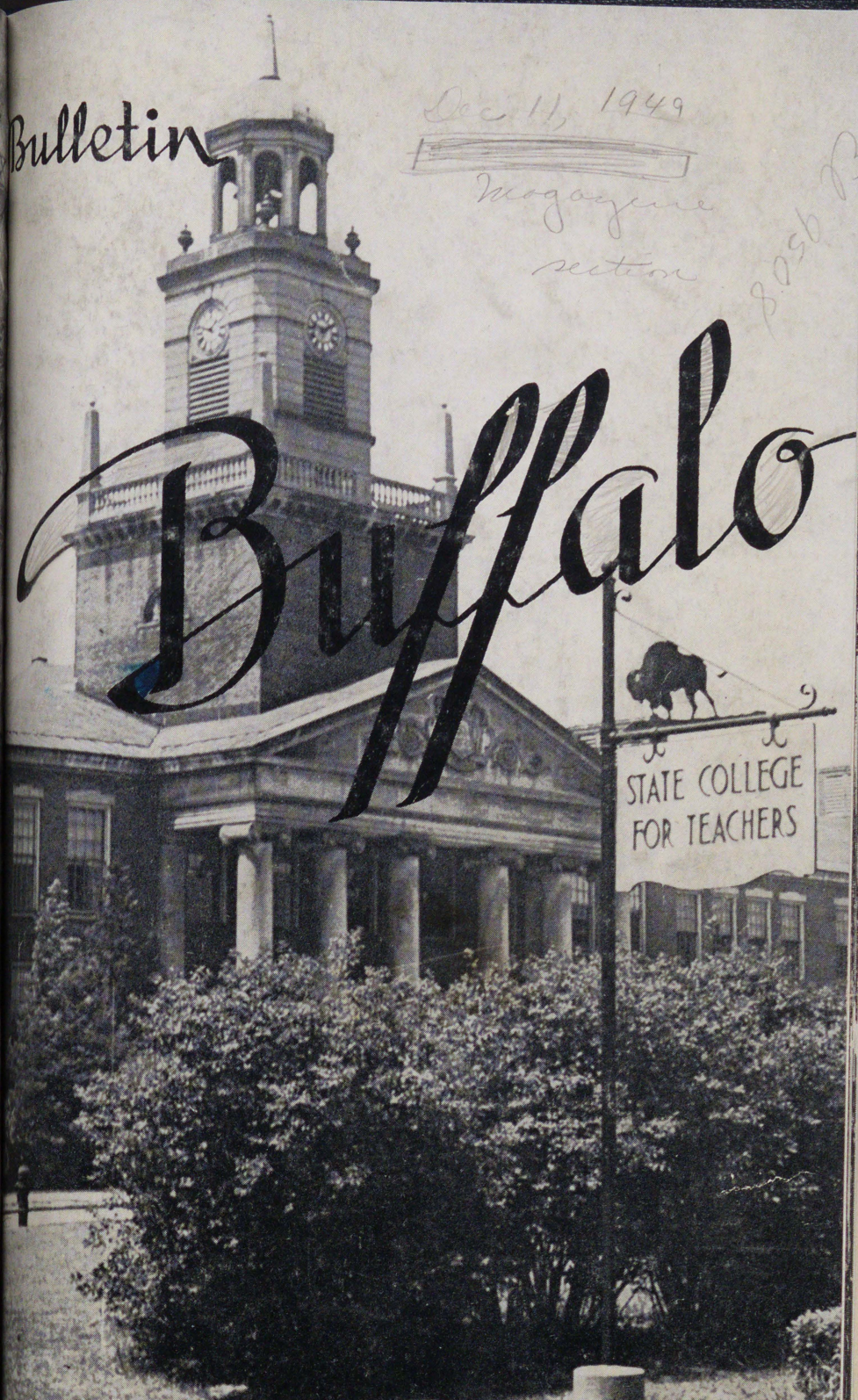
Bulletin

Dec 11, 1949

Magazine  
section

8056 B

# Buffalo

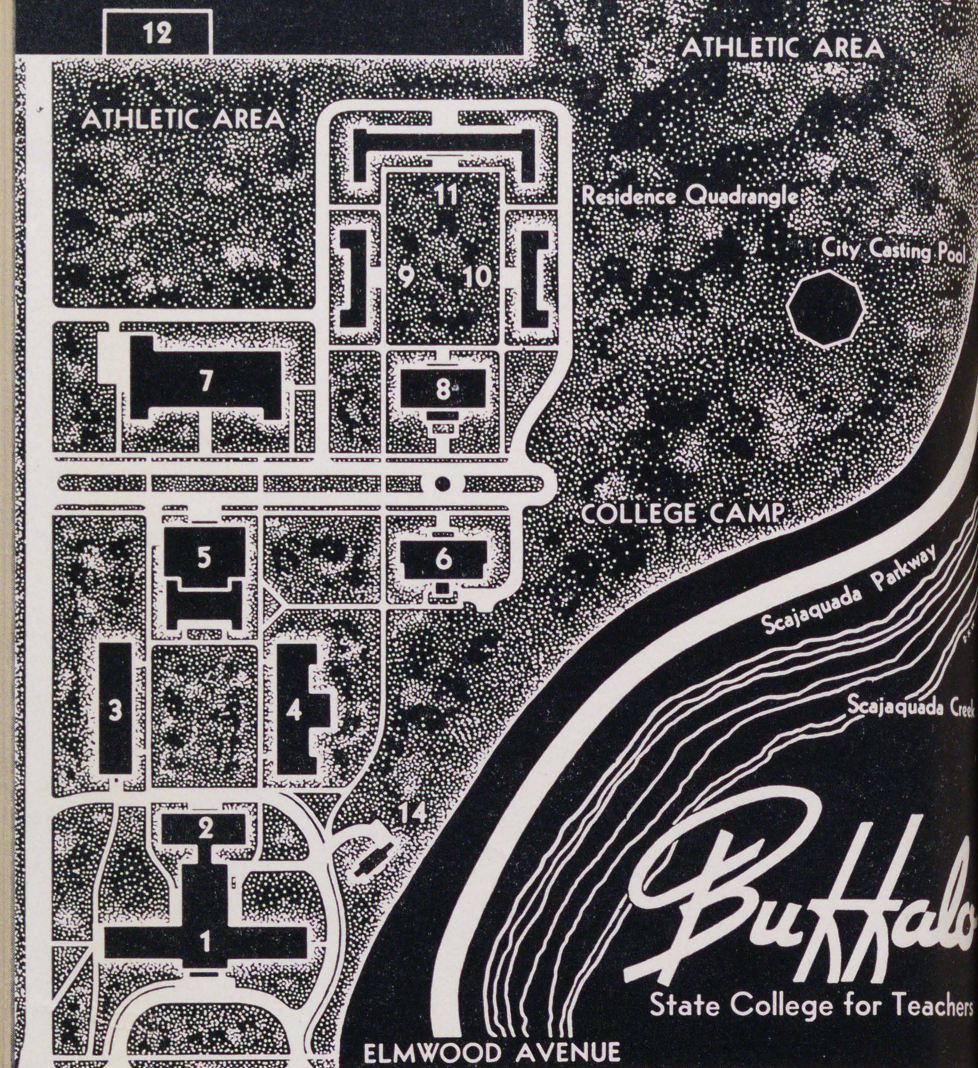


NEW YORK STATE COLLEGE FOR TEACHERS  
NOVEMBER ISSUE • 1949-1950 •



# NEW CAMPUS WITH PRESENT AND PROPOSED BUILDINGS

(City of Buffalo gave 35 additional  
acres to College, February 6, 1945)



ART SCHOOL

ALBRIGHT ART GALLERY

HISTORICAL MUSEUM

1 Main Building • 2 Science Building, approved for post war construction • 3 Home Economics Building • 4 School of Practice • 5 Gymnasium and proposed Addition • 6 Library Building, approved for post war construction • 7 Industrial Arts Building, approved for post war construction • 8 Possible Student Union • 9 Men's Dormitory, not yet approved • 10 Women's Dormitory, for future consideration • 11 Women's Dormitory, tentatively approved by Dormitory Authority • 12 Power House, proposed to serve College and Hospital • 13 Affiliated Albright Art School • 14 President's Residence • 15 Fraternity and Sorority Houses located off campus

# NEW YORK STATE COLLEGE FOR TEACHERS BULLETIN



CATALOG ISSUE  
1949 - 1950

BUFFALO  
NEW YORK

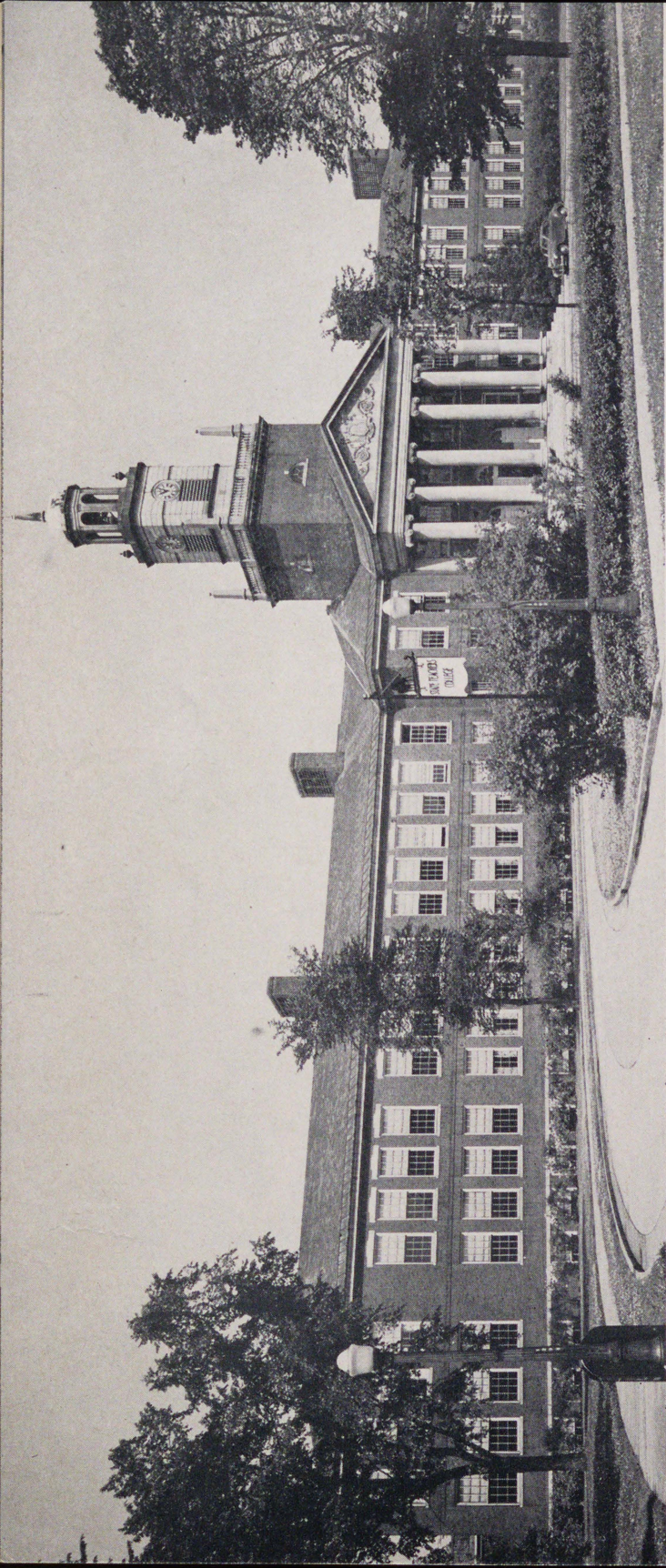
NEW YORK STATE COLLEGE FOR TEACHERS BULLETIN

VOLUME XVI, NUMBER 4

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

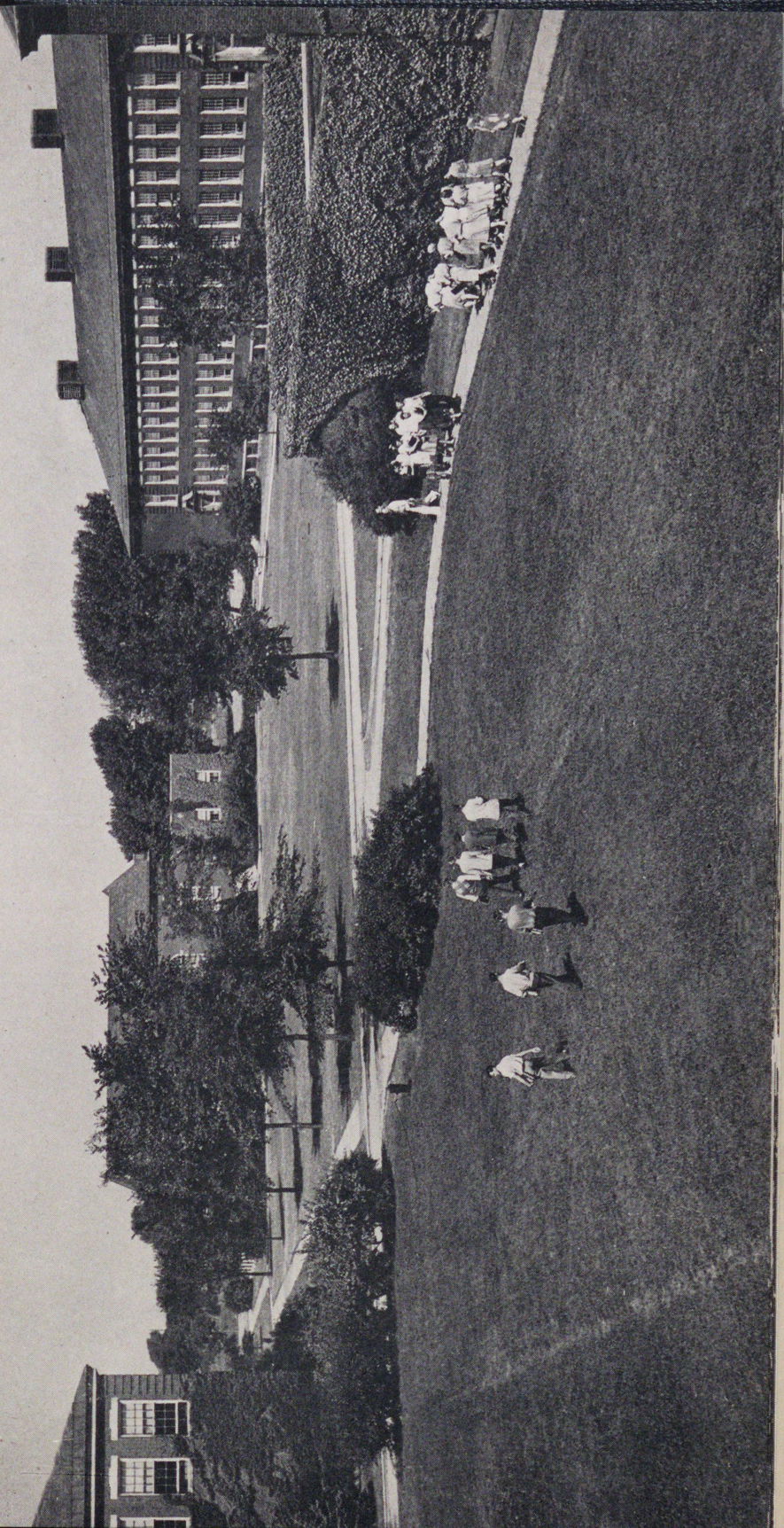
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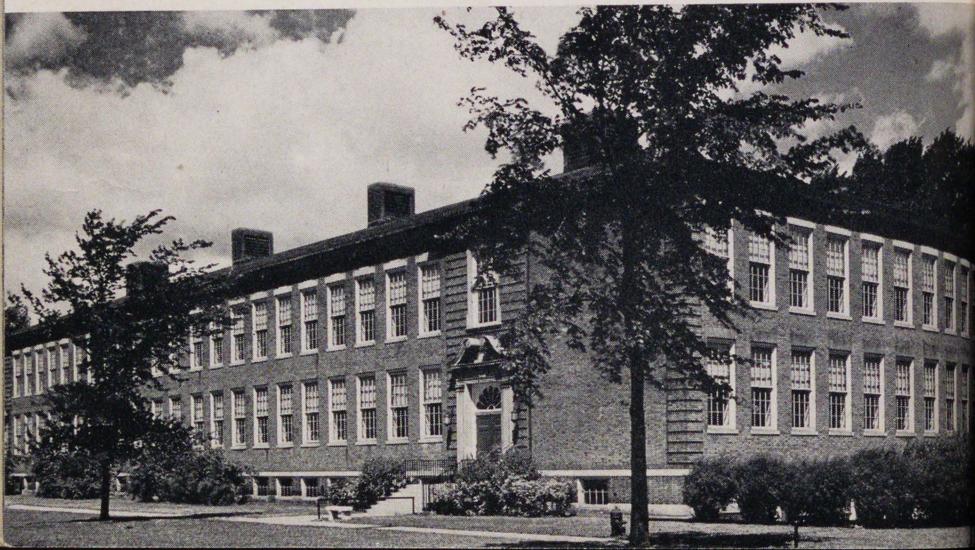


Administration and Classroom Building

Quadrangle in Summer, Showing Vocational Building, Gymnasium, and School of Practice







## BUILDINGS

Administration and  
Classroom Building  
Top

President's Residence  
Center

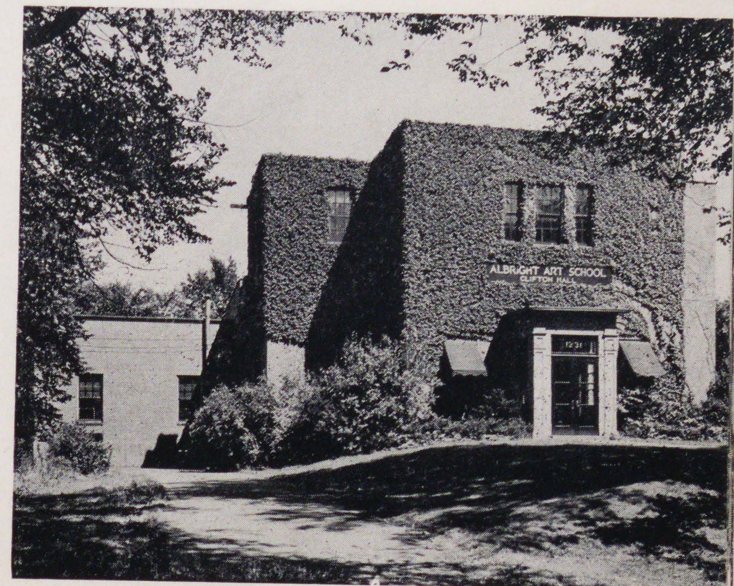
School of Practice  
Bottom

## BUILDINGS

Vocational Building  
Top

Aubright Art School  
Center

Gymnasium Building  
Bottom



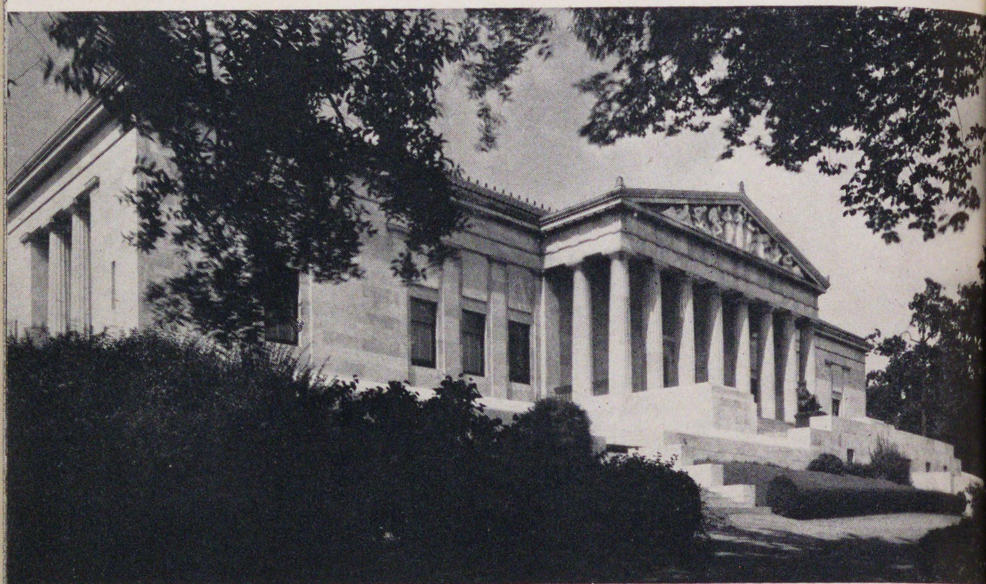




## RESOURCES

Albright Art Gallery  
Opposite the Campus  
Left, Top

Kleinhans Music Hall,  
Center of Fine Music  
Right, Top



Historical Museum,  
Opposite the Campus  
Left, Center

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



Museum of Science,  
Open for Student Work  
Left, Bottom

Fine Public Library  
Available to Students  
Right, Bottom







## ACTIVITIES

Learning by Teaching  
Handicapped Children

## ACTIVITIES

Art Student Teacher  
School of Practice



Industrial Arts Class

Chemistry Laboratory







Home Economics Class



School of Practice



Design Class at the Albright Art School

College Bookstore at Christmas-time



Making Up, College Dramatic Production

One of Six Sororities Nationally Affiliated



ACTIVITIES

ACTIVITIES





## ACTIVITIES

Cross Country Team  
*Left, Top*



Soccer Team in Action  
*Right, Top*



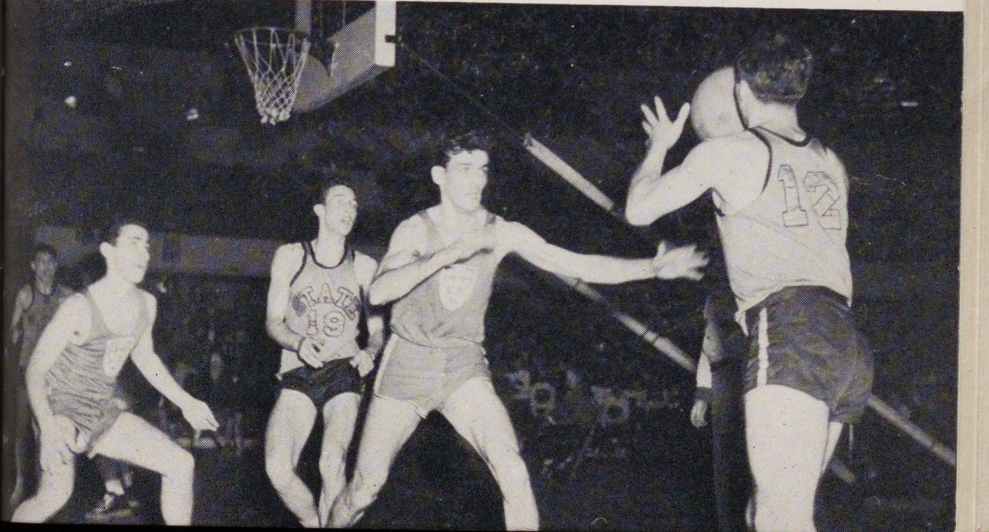
Swimming Instruction  
*Left, Center*



Cheering for Victory  
*Right, Center*



Fun in the Gymnasium  
*Left, Bottom*



Winning in Basketball  
*Right, Bottom*





## ACTIVITIES

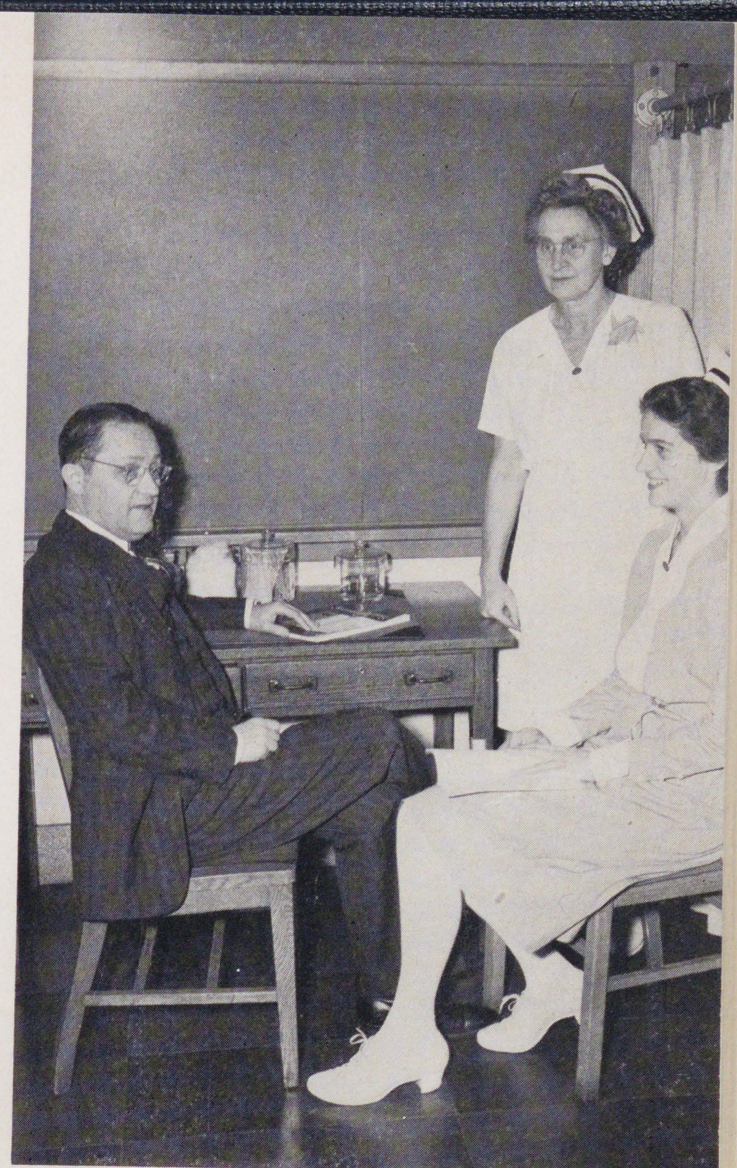
Fun on the Beach at  
Girls' Freshman Camp



Men Have Fun, too, at  
their Freshman Camp

## ACTIVITIES

College Physician and  
Nurses at Your Service

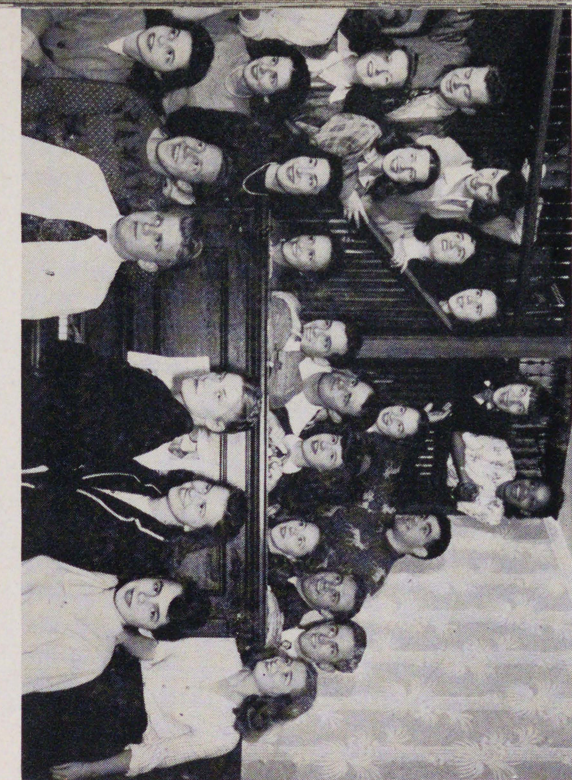
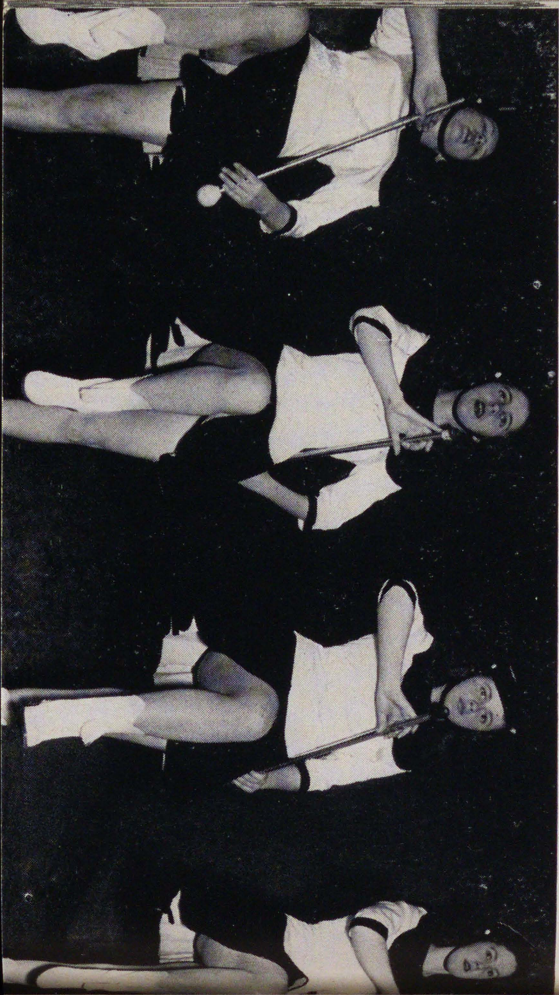


A Fine A Cappella Choir  
Entertains the Public





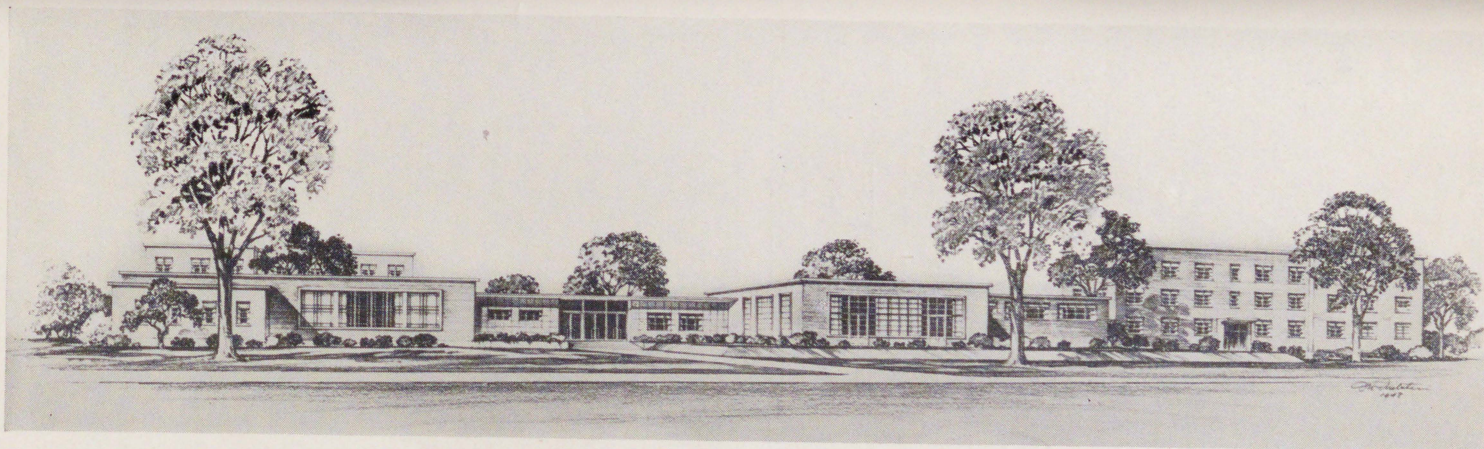
DEPARTMENT  
STATE UNIVERSITY COLLEGE  
1100 UNIVERSITY AVENUE  
BUFFALO, N. Y. 14202



The Majorettes and the Band Support the Teen

One of More than Forty Student Organizations

The Annual Junior Prom



## DORMITORY AND UNION FACILITIES

The building is in the approximate design of a capital "U". Two dormitories, each accommodating 150 students, will constitute the arms of the "U" and a Student Union building will make up the lower connecting loop of the "U". Each wing, accommodating 150 students, will be divided into three separate houses, each house accommodating 50 students with 24 double rooms and two single rooms each.

The dormitory units will be housed in a three-story structure and will be intercommunicating. They will have access also to the Union through a basement or underground passage.

The Union building will be one story. On the left of the lobby in the Union Building is a general lounge, 50' x 60'; on the right of the lobby, a dining room, 50' x 100', seating 475 students. This will be so connected with the kitchen that cafeteria service may be used for breakfast and lunch, and regular dining service will be provided in the evening. In addition to the above-mentioned accommodations, it will include a large game room, a music and recreational reading room, a snack bar, a director's suite, guest rooms, student activities rooms, and offices for college publications.

Construction is proceeding according to schedule. Students may look forward to full use of these facilities about September, 1950.



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## THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of the University

With years when terms expire

- 1957 WILLIAM J. WALLIN, M.A., LL.D., *Chancellor*  
30 S. Broadway, Yonkers 2
- 1952 JOHN P. MYERS, B.A., D.Sc., *Vice-Chancellor*  
2 Brinkerhoff St., Plattsburg
- 1951 WILLIAM LELAND THOMPSON, B.A., LL.D.  
191 River St., Troy
- 1954 GEORGE HOPKINS BOND, Ph.M., LL.B., LL.D.  
1400 State Tower Bldg., Syracuse 2
- 1962 JACOB L. HOLTZMAN  
New York City
- 1953 W. KINGSLAND MACY, B.A., LL.D.  
Box 10, Great River
- 1962 JOHN F. BROSNAN  
New York City
- 1958 EDWARD R. EASTMAN, LL.D.  
Savings Bank Building, Ithaca
- 1960 WELLES V. MOOT, B.A., LL.B.  
402 Erie County Savings Bank Bldg., Buffalo 2
- 1950 MRS. CAROLINE WERNER GANNETT, L.H.D., LL.D.  
195 Sandringham Rd., Rochester 10
- 1959 ROGER W. STRAUS, Litt.B., L.H.D., D.H.L.  
120 Broadway, New York 5
- 1955 GEORGE L. HINMAN, B.A., LL.B.  
724 Security Mutual Bldg., Binghamton
- 1961 DOMINICK F. MAURILLO, B.A., M.D.  
12 Schermerhorn St., Brooklyn 2



## THE STATE UNIVERSITY OF NEW YORK

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EARLE J. MACHOLD, 300 Erie Boulevard West, Syracuse

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*Director of State Museum*

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*State Historian*



## LOCAL BOARD

	TERM EXPIRES
EDWARD H. BUTLER ( <i>President</i> )	1951
WILLIAM WARREN SMITH ( <i>Treasurer</i> )	1950
DANIEL J. KENEFICK	1949
HELEN Z. M. RODGERS	1952
J. FREDERICK ROGERS	1954
DANIEL W. STREETER	1955

### Officers of Administration

HARRY W. ROCKWELL	<i>President</i>
RALPH HORN	<i>Dean and Director of Summer Session</i>
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RAYMOND M. FRETZ	<i>Dean of Men</i>
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STANLEY A. CZURLES	<i>Director of Art Education Department</i>
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D. PAUL SMAY	<i>Director of Visual Education</i>
GEORGE R. SHERRIE	<i>Co-ordinator and Director of Public Relations</i>
PAUL W. SLOAN	<i>Director of Examinations</i>
RICHARD G. DYER-HURDON	<i>Registrar</i>
ROBERT W. GOEHLE	<i>Financial Secretary</i>

## CALENDAR

### Second Semester 1949

Tuesday, February 1 }  
 Wednesday, February 2 } —Registration, First Semester  
 Tuesday, February 22—Washington's Birthday  
 Wednesday, April 13 (Noon)—Easter Vacation begins  
 Monday, April 25—Classes resume work  
 Monday, May 30—Memorial Day  
 Friday, June 10—Second Semester ends  
 June 12, 13, 14—Commencement Program

### Summer Session 1949

Tuesday, July 5—Registration  
 Friday, August 12—Summer Session ends  
 Friday, August 26—Accelerated Summer Session ends

### College Year 1949-50

Monday, September 12—Faculty Day  
 Tuesday, September 13—Freshmen Day  
 Wednesday, September 14 }  
 Thursday, September 15 } —Registration, First Semester  
 Wednesday, October 12—Columbus Day  
 Friday, November 11—Armistice Day  
 Wednesday, November 23 (Noon) Thanksgiving Recess begins  
 Monday, November 28—Classes resume work  
 Friday, December 16 (Noon)—Christmas Vacation begins  
 Tuesday, January 3—Classes resume work  
 Friday, January 27—First Semester ends  
 Tuesday, January 31 }  
 Wednesday, February 1 } —Registration, Second Semester  
 Wednesday, February 22—Washington's Birthday  
 Wednesday, April 5 (Noon)—Easter Vacation begins  
 Monday, April 17—Classes resume work  
 Tuesday, May 30—Memorial Day  
 Friday, June 9—Second Semester ends  
 June 11, 12, 13—Commencement Program



## THE FACULTY

- HARRY W. ROCKWELL.....*President*  
Brown, A.B., A.M.; Columbia, A.M.; New York State College  
for Teachers, Albany, Pd.D.
- RALPH HORN.....*Dean and Director of Summer Session*  
Ashland College, A.B., Ohio State University, M.A., Ph.D.
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Syracuse University, A.B.; Teachers College, Columbia, M.A.
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Farmington State Teachers College, B.S.; Pennsylvania State  
College, M.Ed.
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University of Illinois, B.S.; Columbia University, M.A.
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Cortland State Teachers College; Penn State, B.S.; Penn State,  
M.Ed.
- ROBERT E. ALBRIGHT.....*Professor of Sociology*  
*Director of The Graduate Department and of Extension Education*  
Nebraska Wesleyan University, A.B.; University of Colorado,  
M.A.; Leland Stanford University, Ph.D.
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University of Denver, B.S.; Teachers College, Columbia, M.A.
- \*KATHLEEN E. BARBER.....*Nurse-Instructor*  
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- ALICE DURKEE BETZOLD.....(Acting) *Assistant Professor of*  
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*Head of Department*  
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\* On leave 1948-1949.

- ARTHUR L. BRADFORD.....*Professor of English*  
*Head of Department*  
University of Missouri, A.B.; Missouri School of Mines, Uni-  
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M.A.; Yale University
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*Dean of Men*  
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*School of Practice*  
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Word; University of Southern California, A.M.; The Speech  
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\* On leave 1948-1949.

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North Central College (Naperville, Ill.) B.A.; University of  
Wisconsin, M.A.; New York University, Ph.D.

ISABEL HAGGERTY.....*Instructor of Industrial Arts*  
Lowell Textile Institute, B.S. in Textile Engineering; Boston  
University

OWEN HARLAN.....*Assistant Professor of Industrial Arts*  
Eastern Illinois State Teachers College, B.Ed.; University of  
Oklahoma; University of Minnesota, M.A.; University of  
Missouri

CARL J. HEINTZ.....(Acting) *Instructor of Industrial Arts*  
New York State College for Teachers at Buffalo, B.S.

FRANCES G. HEPINSTALL.....*Head Librarian*  
Syracuse University, B.S. in Library Science; Columbia Univer-  
sity School of Library Service, M.S. in Library Science

OSCAR E. HERTZBERG.....*Professor of Education*  
*Head of Department*  
University of Wisconsin, A.B.; Teachers College, Columbia,  
A.M., Ph.D.

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

DORIS HIPPLER.....*Instructor in First Grade*  
*School of Practice*  
Hunter College, B.A.; Cornell University, Teachers College,  
Columbia



MARGAREL L. HOCKIN.....*Professor of Home Economics*  
Mt. Allison University, B.Sc.; McGill University; Cornell University, M.A., Ph.D.

FREDERICK J. HOLLISTER.....*Professor of Sociology and History*  
Union College, A.B.; New York State College for Teachers, Albany, M.A.; Syracuse University

RUTH E. HOUSTON.....*Professor of Health Education*  
*Head of Department*  
Western College, B.A.; Oberlin College; University of California, M.A.; Guest Student at Physical Education Colleges in Denmark, Sweden and England

JULIUS J. HUBLER.....*Professor of Art*  
Southeast Missouri State College, B.S.; Iowa University; Idaho University; Teachers College, Columbia M.A.

MARIANNA IRWIN.....*Instructor of Kindergarten*  
*School of Practice*  
Northwestern University, B.S., M.S.; University of Chicago; Wayne University; University of Michigan; U.C.L.A. Los Angeles

DOROTHY L. JACOBS.....*Instructor of Health Education*  
Savage School of Physical Education; Madison College, B.S.; New York University, A.M.

MARY L. JAMISON...*Assistant Professor of Second Year Kindergarten*  
*School of Practice*  
Oswego State Teachers College; Teachers College, Columbia, B.S., A.M.; Teachers College, Columbia University

GLADYS REID JANN.....*Assistant Professor of Education*  
*for Handicapped Children*  
Brooklyn College, B.A.; University of Wisconsin, M.A., Ph.D.

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

MARION BUCHHOLZ JUNG.....*Assistant College Librarian*  
Tusculum College, A.B.; Syracuse University, B.S. in Library Science

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

FAYE KEEVER.....*Assistant Professor of Home Economics*  
Indiana State Teachers College, University of Minnesota, B.S.; Teachers College, Columbia, A.M.

ELEANOR G. KELLY.....*Instructor in Second Grade*  
*School of Practice*  
New York State College for Teachers, B.S.; Teachers College, Columbia, M.A.

DORISMAE KOHLER KENT.....*Library Assistant*  
Geneseo State Teachers College, B.S.

EDGAR KING.....(Acting) *Instructor in Fifth Grade*  
*School of Practice*  
Alfred University, B.A.; University of Rochester, M.Ed.; Cornell University

ELIZABETH ANN KINGDON.....*Instructor in Third Grade*  
*School of Practice*  
Brockport State Teachers College, B.E.; Syracuse University, M.E.

ELIZABETH GERMONEY KLUTE..(Acting) *Assistant Professor of Art*  
New York State College for Teachers at Buffalo, B.S.

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

LORRAINE A. LANGE.....*Assistant Professor of Education*  
Wartburg Normal, Iowa State Teachers, B.A.; Ohio State University, M.A., Ph.D.

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

\*HENRY MANDEL.....*Instructor of Industrial Arts*  
New York State College for Teachers, Buffalo; Teachers College, Columbia, B.S., A.M.; University of Buffalo

ANNA A. MARTORANA.....*Instructor of Education*  
Fredonia State Teachers College; New York State College for Teachers, Buffalo, B.S.; Teachers College, Columbia, M.A.; University of Minnesota

\* On leave 1948-1949.



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

T. DOLORES ROUSSEAU MASON.....*Instructor in Fifth Grade*  
*School of Practice*  
Bridgewater State Teachers College; Universite de Paris; Teach-  
ers College, Columbia, B.S., M.A.

EDNA P. MEIBOHM.....*Assistant Professor of Art*  
Albright Art School; University of Buffalo, B.S. in Art Educa-  
tion; Northwestern University, M.A.; Columbia University;  
Cranbrook Academy of Art

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.

ETHELYN FAYE MULLARKY MESSNER.....*Instructor (part-time)*  
*of Spanish*  
University of Chicago, Ph.B.; Kansas State Teachers College,  
B.S. in Art Education; University of Michigan, A.M.; Har-  
vard University; La Sorbonne, 1936-37

EDWARD L. MORRICE.....*Assistant Professor of Industrial Arts*  
New York State College for Teachers, Buffalo, B.S.; University  
of Buffalo, M.A.

VALENTINE J. NADOLINSKI.....*Instructor of Science*  
University of Buffalo, B.A., M.S.

EMERSON E. NEUTHARDT.....*Professor of Industrial Arts*  
Oswego State Teachers College, B.S.; New York University,  
M.A.; Cornell University

PAULINE AUDAS NEUTHARDT.....(Acting) *Instructor in*  
*School of Practice*  
Oswego State Teachers College; New York State College for  
Teachers, Buffalo, B.S.

META NORENBURG.....*Instructor of English*  
Western Union College (Le Mars, Ia.) B.A.; University of  
Nebraska, M.A.; Columbia University

MAE O'BRIEN.....*Assistant Professor of Education*  
*Assistant Director of Training*  
Teachers College, Columbia, B.S., M.A.

RUTH PALMER.....*Assistant Professor of Home Economics*  
Cornell University, B.S., M.S.; Cornell University

WILLIAM C. PALMETER, JR.....(Acting) *Instructor of Industrial Arts*  
New York State College for Teachers, Buffalo, B.S.

ELIZABETH GOODE PENN.....*Instructor of Education*  
New Jersey State Teachers College (Newark) B.S.; Teachers  
College, Columbia, M.A.

IRVING C. PERKINS.....*Director of Industrial Arts Department*  
*Professor of Industrial Arts*  
University of New Hampshire, B.S.; University of Buffalo, M.A.

HAROLD F. PETERSON.....*Professor of History*  
*Head of Department*  
Knox College, A.B.; University of Minnesota, M.A.; Duke Uni-  
versity, Ph.D.

MARSHALL L. PIXLEY.....*Instructor in Music*  
Illinois Wesleyan University, B.M.E.; Illinois State Normal;  
University of Michigan, M.M.E.

CHESTER A. PUGSLEY.....*Professor of Elementary School*  
*Administration*  
*Principal of the School of Practice*  
Dalhousie University, A.B.; University of California; University  
of Southern California; Columbia University, M.A., Ed.D.

GEORGE M. QUACKENBUSH.....*Assistant Professor of Industrial Arts*  
Rensselaer Polytechnic Institute; University of Rochester, B.S.  
in Ed.; University of Buffalo, M.A.

MARVIN A. RAPP.....*Assistant Professor of History*  
Colgate University, A.B.; Duke University, M.A., Ph.D.

HELEN E. RIMKUS.....*Assistant Librarian*  
Geneseo State Teachers College; New York State College for  
Teachers, Albany, B.S., M.S.

\*GERTRUDE E. ROACH.....*Assistant Profesor of Health Education*  
Buffalo General Hospital, R.N.; New York State College for  
Teachers, Buffalo, B.S.; New York University, M.A.; New  
York University

CECIL T. RODNEY.....*Assistant Professor of Mathematics*  
St. Lawrence University, B.S.; Teachers College, Columbia,  
M.A.; University of Buffalo

\* On leave 1948-1949.



MILDRED SCHLEI ROESSER.....*Instructor of History*  
University of Buffalo, B.S., M.A.; University of Buffalo

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

ELLSWORTH M. RUSSELL.....*Instructor of Industrial Arts*  
Eastern Illinois State College, B.Ed.; Iowa State College, M.S.;  
Pennsylvania State College

CONRAD J. SCHUCK.....*Instructor of English*  
Dartmouth College, A.B.; Harvard University, M.A.

SIGURD W. SHEEL.....*Assistant Professor of Science*  
Luther College, B.A.; State University of Iowa, M.S.

GEORGE R. SHERRIE.....*Coordinator of Field Relations*  
New York State College for Teachers, Buffalo, B.S.; University  
of Buffalo, Ed.M.; Syracuse University

MILDRED L. SIPP.....*Director of Home Economics Department*  
*Professor of Home Economics*  
Teachers College, Columbia, B.S., M.A.

PAUL W. SLOAN.....*Professor of Education*  
Defiance College, A.B.; Ohio State University, M.A., Ph.D.

D. PAUL SMAY.....*Director of Visual Education, Professor of Art*  
Indiana (Pa.) State Teachers College, B.S.; University of Pitts-  
burgh; Carnegie Institute of Technology; Pennsylvania State  
College; Columbia University, M.A., Ed.D.

MIRIAM L. SPAULDING.....(Acting) *Assistant Professor of*  
*Health Education*  
Boston University, A.B.; Peabody College, M.A.; Boston Uni-  
versity; Massachusetts Institute of Technology

CARL W. STAMP.....*Instructor of Mathematics and Science*  
Houghton College, B.A.; University of Rochester; University  
of Buffalo, Ed.M.

HARRY J. STEEL.....*Director of Teacher Education*  
*Professor of Education*  
Mankato State Teachers College; University of Minnesota, B.A.,  
A.M., Ph.D.

HAROLD J. STEFFEN.....*Instructor of Industrial Arts*  
New York State College for Teachers, Buffalo, B.S.; Cornell  
University, University of Buffalo, Ed.M.

MARGUERITE STOCKBERGER.....*Assistant Professor of History*  
*School of Practice*  
Indiana University, A.B.; Teachers College, Columbia, M.A.

EDGAR H. STRONG.....*Instructor of Industrial Arts*  
Syracuse University; New York State College for Teachers,  
Buffalo; Alfred University, B.S. in Applied Art; University  
of Buffalo

JOSEPHINE H. STUEBER.....*Assistant Director of Training*  
*Assistant Professor of Education*  
Texas College of Mines, B.A.; University of Texas, M.A.;  
Teachers College, Columbia University

RUTH SUGARMAN.....*Instructor in Third Grade*  
*School of Practice*  
New York State College for Teachers, Buffalo, B.S.; North-  
western University, M.A.

GEORGE SWENSON.....*Instructor of Science*  
University of Minnesota, B.S.; University of Chicago, M.S.

DAVID H. THIELKING.....*Instructor of Science*  
St. Lawrence University, B.S.; University of Buffalo, Ed.M.;  
University of Buffalo

NORMAN F. TRUESDALE.....*Instructor of Art and Audio-Visual*  
*Education*  
New York State College for Teachers, Buffalo, B.S.; University  
of Buffalo, Ed.M.; Syracuse University

JOHN URBAN.....*Professor of Science*  
Kent State University, B.S.; Teachers College, Columbia, A.M.,  
Ph.D.

CHARLES A. VAIL.....*Assistant Professor of Science*  
University of Michigan, B.S.; Teachers College, Columbia, A.M.

HOWARD J. A. VERNON.....*Instructor of History*  
University of Chicago, A.B., A.M.

BURTON S. WAAGEN.....*Instructor of Elementary Industrial Arts*  
Duluth State College, B.S.; Teachers College, Columbia, M.A.



GRACE A. WARNER.....*Instructor in Sixth Grade, School of Practice*  
Hunter College, B.A., M.A.; Teachers College, Columbia

PAULINE A. WEAVER.....*Assistant Professor of Home Economics*  
Ohio State University, B.S.; Drexel Institute of Technology,  
Ohio State University, University of Pennsylvania; Columbia  
University, M.A.; Penn State

INABELLE WEBB.....*Junior Librarian*  
New York State College for Teachers, Albany, B.A.; Syracuse  
University, School of Library Science, B.S.

JOHN F. WELCH.....(Acting) *Assistant Professor*  
New York State College for Teachers, Buffalo, B.S.; New York  
University

HELEN WENTLANDT.....(Acting) *Nurse Instructor*  
Elizabeth (New Jersey) General Hospital, Nursing Diploma;  
Columbia University, William and Mary College, B.S.; Newark  
University; Essex Medical School

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

JOSEPH F. WINCENC.....*Assistant Professor of Music*  
Oberlin College, Mus.B.; State Conservatory of Music, Prague,  
Czechoslovakia, Mus.M.; Teachers College, Columbia, M.A.;  
University of Buffalo

\*D. KENNETH WINEBRENNER.....*Assistant Professor of Art*  
Indiana (Pa.) State Teachers College, B.S. in Art Education;  
Teachers College, Columbia, M.A.

\* On leave 1948-1949.

## ADMINISTRATIVE AND CLERICAL ASSISTANTS

DORIS SHERK BONNAR, R.N.....*Nurse Assistant*  
HARRY W. CURTIN.....*Custodian of Buildings and Grounds*  
MARIETTA RINDONE FERRO.....*Assistant Manager of the Bookstore*  
CHARLOT MOEHLAU FETTERMAN, B.S.....*Manager of the Bookstore*  
MABEL B. GILBERT.....*Cafeteria Director*  
KATHRYN S. GRAHAM.....*Secretary to the President*  
H. L. LEVIN, M.D.....*Psychiatric Consultant*  
LILLIAN JORDAN McKENNETH.....*Dormitory House Director*  
ELIZABETH VAN DERHOOF NUTTLE.....*Assistant in Extension Department*

JOAN EILEEN RATH.....*Assistant to Registrar*  
JUNE HALTON TRUESDALE, B.S.....*Alumni and Placement Secretary*  
JOHN V. WADSWORTH, M.D.....*College Physician*

JANE L. DIADDARIO.....*Senior Stenographer*  
ROSEMARY FORNES.....*Senior Stenographer*  
MARY M. MAY, B.A.....*Senior Stenographer*  
CAROLYN V. BARRECA.....*Stenographer*  
BERDENA C. DOLBERG.....*Stenographer*  
ELIZABETH E. ERNST.....*Stenographer*  
JEAN E. GASSMAN.....*Stenographer*  
KATHLEEN E. HERNIMAN.....*Stenographer*  
REGINA STEPIEN KOCIECKI.....*Stenographer*  
EDITH LEVIN.....*Stenographer*  
ELEANOR NAPIERALSKI.....*Stenographer*  
SALLY M. NOWOCIN.....*Stenographer*  
JOAN C. PRIBLE.....*Stenographer*  
JOAN D. PROPSTER.....*Stenographer*  
CATHARINE RUDULPH.....*Stenographer*  
ROBERTA SANDSTONE.....*Stenographer*  
RITA M. VACCARO.....*Stenographer*

## AFFILIATED ALBRIGHT ART SCHOOL

(1231 Elmwood Avenue, Buffalo 9, N. Y.)

PHILIP C. ELLIOTT.....*Director*  
Yale University, B.F.A.

DONALD COOK.....*Instructor in Design*  
University of Buffalo, B.F.A.; Albright Art School

ALLEN DOWNS.....*Instructor in Design*  
Kansas State Teachers College, B.S.; Iowa State University, M.A.

SEYMOUR DRUMLEVITCH.....*Instructor in Painting*  
Cooper Union for the Advancement of Science and Art, New  
York City

FREDERICK HELLENBERG.....*Instructor in Lettering*  
Albright Art School

CHARLES HOPPIN.....*Instructor in Water Color*  
University of Illinois, B.F.A.



DOLORES MCFARLANE.....*Instructor in Drawing*  
Cooper Union, New York City

RENA RUBENSTEIN MARGULIS.....*Instructor in Sculptural Form*  
University of Michigan, B.A.; Smith College, M.A.; Alfred Uni-  
versity

IRMA SEITZ.....*Instructor in Drawing and Painting*  
Art Students' League, New York City

WILLIAM SEITZ.....*Lecturer in Art*  
University of Buffalo, B.F.A.

**AFFILIATED PUBLIC SCHOOL NO. 52**  
(276 Bird Avenue, Buffalo 13, N. Y.)

**Instructors**

FORD R. PARK, Ph.B., Ed.M.....*Principal*

AGNES AGNITCH.....*Third Grade*

THELMA HEPP CLOGSTON, B.S.....*Second Grade*

HELOISE COHEN, B.S. in Ed.....*Fifth Grade*

MARY L. DARKER, B.S. in Ed.....*First Primer*

DOLORES A. DESMON, B.S.....*Fourth Grade*

MARY J. DOE.....*Third Grade*

VIOLA M. DOHRMAN, B.S. in Ed.....*Sixth Grade*

LINA L. GIELOW, B.S.....*Eighth Grade*

GEORGINA S. HASKILL, B.S., M.A.....*First Grade*

A. MARGARET KEMP, B.S., M.A.....*Fifth Grade*

CHARLOTTE M. MOORE.....*Seventh Grade*

MARION SEIBEL, B.S. in Ed., M. Ed.....*Sixth Grade*

EDNA M. SHAW, B.S. in Ed.....*Kindergarten*

LUCY W. STEPHENSON, B.S. in Ed.....*Eighth Grade*

EDITH TOLSMA, B.S. in Ed.....*Second Grade*

NATALIE TRUSCOTT, B.S., M. Ed.....*Seventh Grade*

JANET WHALLEY, B.S. in Ed.....*Art*

RUTH J. WILLIAMS, B.S. in Ed., M. Ed.....*Eighth Grade*

## GENERAL INFORMATION

### FUNCTION OF THE COLLEGE

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

The curricula authorized and established for fulfilling these functions are:

1. **Graduate**, for teachers interested in the Master of Education degree in the areas of elementary education, administration and supervision, home economics, industrial arts, art education, and the teaching of handicapped children.
2. **General Elementary**, primarily for those interested in teaching in the elementary schools of the State, kindergarten and grades one to eight inclusive.
3. **Home Economics**, a curriculum offered for those interested in becoming Home Economics teachers in the elementary and high schools of the State.
4. **Industrial Arts**, a curriculum preparing teachers of a) Industrial Arts in the elementary and secondary schools of the State and b) Vocational and allied subjects in the vocational schools of the State.
5. **Art Education**, a curriculum preparing supervisors and teachers of Drawing and Art in the elementary and secondary schools of the State.
6. **Elementary School Principals and Supervisors**, a curriculum wherein students of the General Elementary division may qualify for the principalship or supervisorship of the elementary schools of the State.
7. **Teachers of Handicapped Children**, a part of the General Elementary four year program, certifying teachers of handicapped children in six areas. These areas are: orthopedic, hard of hearing, impaired vision, speech correction, mentally retarded and deaf.



8. **Specialization in Elementary Science**, a part of the General Elementary four year program, designed to prepare teachers who are competent to teach science in the elementary school. This program is also designed to serve as undergraduate preparation for those who plan to go on to become elementary science consultants or supervisors.

### 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 or a State High School Equivalency Diploma.

2. The completion of sixteen or more units of high school work. It is recommended that the units be distributed as follows:

#### GROUP I

Constants required of all students:

*English .....	4
American History .....	1
Science, ninth year.....	1
Social Studies, ninth year.....	1

\* Passing of Regents examination for English III or IV is required.

#### different GROUP II

Sequences in two **different** fields elected by the student:

Major sequence .....	3
Minor sequence .....	2

#### GROUP III

Electives .....	4
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3. Candidates must be at least 16 years of age.

4. Preference is given to those with a high school average above 75.

5. All candidates are required to take the Entrance Examinations which will be given as announced to the high schools by the State Education Department.

6. Each candidate will be required to present himself, at a time and place appointed by the college for a personal interview and a voice test.

7. A health report must be submitted by the family physician on the form provided. A candidate must be free from "physical defects or diseases that would unfit the applicant for the duties of teaching."

8. A candidate for admission to the Industrial Arts Department should have two units of mathematics, a unit of algebra and either advanced algebra or plane geometry or the combination of solid geometry

and trigonometry, and two units of science, general science or biology and either physics or chemistry or applied chemistry as a part of his 16 units of work. This is a recommendation, not a requirement. Students accepted not offering credit in elementary algebra may be required to take a remedial course in order to be ready for Mathematics 101.

9. Procedure for applying:

a. Secure an application form from your high school principal or by writing to the Director of Admissions, New York State College for Teachers, Buffalo.

b. Fill out the first page and request high school principal to fill out the remainder of the form and mail it to the college.

c. Applications may be filed anytime after completing the junior year of the high school course. Those filed before May first will be given prior consideration.

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

2) Applications for those in their senior year should contain three or three and one half years record, whichever the case may be at the time of applying. Supplementary forms will be provided later for the principal to submit the final year's or semesters' report when completed.

10. Candidates desiring admission at the beginning of the second semester should write directly to the college for complete information.

11. Applicants are accepted or rejected upon the following considerations: (a) High school scholastic record; (b) Ranking in Entrance Examinations; (c) Health and physical examination; (d) Personal interview, including speech and diction test; (e) The Confidential Report of the high school Principal.

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

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



### ADMISSION TO ADVANCED STANDING

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

Applicants transferring from other New York State Teachers Colleges are not required to take the general entrance tests. A graduate of the two or three year normal course applying for admission to the fourth year class is required to file an application and have an official transcript of this record sent directly to New York State College for Teachers, Buffalo 9, N. Y.

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

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

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

### 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, the Dramatic Club plays and the Musical Clubs concerts. An extensive selection of able speakers for assembly programs is provided by this fund. In 1946 an athletic tax of \$10.00 was voted by the student body to provide a more extensive athletic program.

This Blanket Tax is collected by the secretary of the fund assisted by a group of students, and is apportioned each year by a committee of six faculty members and nine students, chosen to represent classes and Student Council.

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.

These programs cover the major interests of the college such as art, science, history, current events, music, dramatics, etc.

In addition, the 10:00 period of each Tuesday is reserved for the special student assemblies and organization meetings.

### ASSEMBLY ATTENDANCE

Attendance at assembly is considered a college appointment. Students are asked to recognize and meet this obligation on the same basis as regular class appointments.

### PREPARATION FOR RURAL TEACHING

All students following the General Elementary curriculum are required to spend one-third of their practice teaching assignment in rural schools.

Thirty rural, small village, and central rural schools in the Buffalo area cooperate to make possible teaching experiences for student teachers. During the rural assignment the students are required to live and board in the community where they practice teaching.

Courses designed to meet the needs of rural teachers in teaching service are offered in the Summer Session and through Extension. For further information write to Allan P. Bradley, Director of Rural Education.

### VISUAL EDUCATION DIVISION

A significant major trend in modern education is toward an increased use of effective visual instruction techniques. Recognizing the value of visual teaching aids, New York State College for Teachers, Buffalo, is developing an expanding program in this field.

At present, the visual instruction facilities at the college include three rooms fully equipped for the projection of sound movies and also a number of sound movie projectors, reflectoscopes, and slide and film-strip projectors for use in classrooms.

In addition to the equipment used directly for instructional purposes, the Visual Education Division operates a laboratory, including a dark room and studio, for the preparation of visual aids, the production of slides and other photographed material, and the recording of significant college events. In connection with this program, one of the major aims is to provide experience for as many students as possible in all phases of the work, including both black and white and color photography.

Because of its location in the City of Buffalo, the college is able to draw upon rich stores of visual instruction material from several institutions as well as its own permanent collection and rentals from



government and commercial agencies. Through the cooperation of the Buffalo Board of Education and the Buffalo Museum of Natural Sciences one of the largest educational collections of films, slides, mounted pictures, exhibits and objects in the state is available for use in the college's teacher training program. From the Albright Art Gallery there are available for use in the class rooms actual examples of textiles, original prints and manuscripts, excellent reproductions of famous paintings, slides, and mounted pictures.

Members of the college and School of Practice faculties use these visual instruction materials in their teaching to attain certain objectives which cannot as readily be reached through use of other means. As with other techniques, such use is explained to students. Evaluations are made of prepared visual instruction materials, and materials which the students themselves can collect or make. In order that students may be able to make the greatest use of available facilities and materials wherever they may teach, they are guided in the building of personal files of teaching aids by clipping and mounting pictures from magazines, newspapers and advertising literature; by collecting samples, and by making charts, drawings, and models. They are also taken on trips to the community's schools, industrial plants, courts, hospitals, fields, and water front; to the museums and the Albright Art Gallery.

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

### OUTDOOR EDUCATION

Many significant activities of a modern educational program must be carried on out-of-doors. The New York State College for Teachers at Buffalo is developing a program which will give students experience in the field of learning by way of direct experiences in outdoor situations.

For the past four years students and faculty have been a part of the Institutes of National Camp at Sussex, N. J. These periods have provided experience in camping, and have been the beginning of training in leadership in outdoor education.

The facilities of the city and surrounding areas are rich in opportunities. Delaware Park, across the avenue from the campus, is an excellent laboratory. The State Parks of Letchworth and Allegany, Chautauqua Gorge, Grand Island, and other situations have served as settings for week-end retreats, Biological Field Studies, Educational Seminars and the like.

Interdepartment activity has developed rapidly. The outdoor activities of Science, Geography and Social Studies have been brought into the education courses. Techniques of field studies are now taught by direct experience. Outdoor education is a reality. A 2 weeks Science Camp will be conducted in Alleghany State Park following the regular 1949 Summer Session. Two semester hours credit will be granted for participation.

Student interest and need indicate that a college camp will eventually be a part of the State College for Teachers at Buffalo.

### CERTIFICATION OF TEACHERS OF PHYSICALLY HANDICAPPED CHILDREN

Students enrolled in the General Elementary curriculum may, while meeting the requirements for the degree, qualify for a certificate to teach handicapped children. Recognizing the growing demand for teachers of the handicapped, the Board of Regents has established at the New York State College for Teachers a Department of Special Education for the training of teachers of handicapped children. The curricula offered at this time will prepare teachers for:

The Orthopedically Handicapped	The Hard of Hearing
The Mentally Retarded	The Partially Sighted
Speech Correction	

The Division of Teacher Education and Certification has authorized the college to offer the student a program of specialized study. Students wishing to certify in one of the areas should plan their courses to begin with the sophomore year, allowing the normal progression of studies.

### CERTIFICATION REQUIREMENTS FOR ELEMENTARY SCHOOL PRINCIPALS

**Undergraduate Preparations:** (Revision of page 25, 1947-48 catalogue.)

As part of the requirements for the degree, a student may offer the courses which are acceptable for the issuance of the elementary school principal's provisional certificate. The remaining requirements for this



certificate are met when the candidate completes three years of successful teaching experience and six hours of graduate work.

Students regularly pursuing the present curriculum should include in their program in their junior and senior years 4 to 6 elective credit hours of work in the courses Education 440, 441, 442, 443. Students offering work in these courses toward elementary principal certification are allowed to exceed the usual limit on the total 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 certification requirements may be met.

#### **Graduate Preparation:**

Students desiring to qualify for the elementary school principal's certificate after having been awarded the Bachelor's Degree should offer 4 to 6 elective credit hours in the courses Education 502, 503, 504. Each of these courses carries graduate credit. Other graduate courses which may be offered to meet the minimum requirements of the elementary school principal's permanent certificate are Evaluation Techniques in the Elementary School, General School Administration, and Seminar in Elementary Administration and Supervision.

#### **CERTIFICATION OF COLLEGE GRADUATES FOR ELEMENTARY SCHOOL TEACHING**

The State Department of Education has made provision whereby graduates of a Liberal Arts college who wish to qualify for elementary school teaching may do so. Such graduates with 18 semester hours of appropriate education courses approved for secondary school teaching may qualify for general elementary school teaching upon the completion of 30 semester hours of additional study and training. This additional study may be taken at New York State College for Teachers. 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.

A special program has been approved by the Board of Regents whereby holders of the Liberal Arts degree may receive the Masters Degree and earn permanent certification for teaching in the elementary grades. This program has been approved only for the period of the present teacher shortage crisis. Those interested in this graduate program should write to Dr. Robert E. Albright, Director of the Graduate Department.

class 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 to approximate 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.

#### **PLACEMENT BUREAU**

This bureau aims to provide the schools with teachers who will meet the needs of the community and to help graduates 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 Teacher Education, is chairman of the faculty committee. Mrs. Norman Truesdale is placement secretary for the bureau. This bureau is open and ready to serve both the school and the graduates of the college during twelve months of the year.

#### **ALUMNI BUREAU**

The Alumni Bureau is located in the Main Building of the College and serves as a central clearing point for all the affairs of the Alumni Association. Miss Kathleen E. Herniman, Alumni Secretary, maintains the files and records, sends out bulletins, assists in the direction of Alumni activities, and answers inquiries from the many graduates of the College. The current year has seen the organization of new Branch Chapters of the Alumni Association in various parts of New York State.

#### **COLLEGE SPORTS**

The College supports six varsity sports: basketball, crosscountry, soccer, swimming, tennis and track. Among the colleges and universities on our schedules last year were Alfred, Alleghany, Syracuse, Colgate, McGill, Niagara, Queens, St. Bonaventure, Toronto, and Western Reserve. Varsity players from this college have been selected frequently for all-intercollegiate teams.

Last year the STATESMEN had the best area records in basketball, cross-country, and swimming. This year the cross-country team,



coached by Mr. Donald Munson, former AAU district champion, is undefeated. In six starts the team has broken all area records with five perfect score victories. Last year the swimming team, under the able tutelage of Coach Michael Sojka, a former National AAU champion, defeated all other area teams in the annual Buffalo Athletic Club Meet and won for State its largest trophy. Coach Hubert Coyer's basketball proteges play an arduous schedule which carries them to many campuses in New York State, Pennsylvania, Ohio, and Canada. This year Mr. Joseph Adessa, with varsity football letters from Cortland and Penn State, joins the athletic staff as soccer coach. With the coming of Coach Adessa, States' football hopes have perceptibly risen.

Intramural sports for men include basketball, badminton, cross-country, softball, soccer, swimming, and tennis.

Women's sports are featured according to season with interclass competition in archery, basketball, badminton, bowling, soccer, softball, swimming, volleyball, tennis. Opportunities are afforded for participation in Play Days with conveniently accessible State Colleges. An archery team competes in the annual Intercollegiate Telegraphic Tournament. By participation in several sports during the year, a student may win a college letter. With each successive year of participation, the significance of the award increases.

Swimming is required of freshmen and sophomores, and is available to juniors and seniors. An annual Red Cross Water Safety examination is given to qualified students, who often become swimming councilors at summer camps.

A regulation uniform for gymnasium is required of all students and is purchased through the college book store. Swimming suits and towels are provided for pool activities.

The Athletic Association includes all students. All sports of the college are organized and directed by the Athletic Association Council, which is composed of its officers and representatives elected by each of the four classes.

### SUMMER SESSION

The Summer Session, inaugurated in 1917, has been developed as an integral part of our college program. The thirty third session for 1949 will be organized to offer some distinctive contributions to the teachers in service, to promote the development of our graduate program, and to give regular session students an opportunity to accelerate or make up work.

The 1949 session extends from July 5 to August 12. Tuition for undergraduates is \$7.00 per credit hour; for graduate students \$10.00

per credit hour. A fee of \$10 per credit hour is charged for those who are not legal residents of the State.

**The Undergraduate Program** is designed primarily for teachers in service who are working for the Bachelor' Degree, or those who desire aid in special work. At the same time a variety of courses are given to enable regular session students to accelerate or make up courses lost. Besides offering the regular academic and professional courses, provision will be made for such special features as Kindergarten Education, Reading Clinic, Education for Teachers of the Handicapped, Specialization in Elementary School Science, Visual Education, and Workshop in the Crafts. Offerings in Home Economics and Industrial Arts will be given if the demand is sufficient to warrant classes.

**The Graduate Program**, leading to the degree of Master of Education, offers work and study in five areas, namely, Elementary Education, Home Economics, Industrial Arts, Art Education, and Education for the Handicapped. This department has given graduate work for three summers, and has developed a wide variety of courses in each of the special fields mentioned. Those interested in further details of graduate work should write to the head of the department.

Veterans who may be interested in Summer Session courses are urged to write to the director of their special department or the Director of the Summer Session.

The combination of pleasant summer weather, parks, theaters, and concert hall makes Buffalo an ideal location for study as well as vacation. A program of college convocations, student-faculty forums, field trips and conferences; together with the recreational facilities of the gymnasium, swimming pool, athletic field and adjacent city parks are all important parts of the Summer Session.

Summer Session catalogs will be ready for distribution by the first of April. Please request your copy by writing to The Director of Summer Session.

### THE EXTENSION DEPARTMENT

The Extension Department offers Saturday morning classes throughout the college year. Courses taken in on-campus classes will be organized whenever sufficient demand arises.

**Graduate Courses** leading towards the Master's Degree in Elementary Education, Home Economics, Industrial Arts, Art Education and Education for the Handicapped may be taken in Saturday on-campus extension.



Write to Robert E. Albright, Director of The Graduate Department and of Extension Education, for bulletin and information relative to extension fees and schedules.

### OUR STATE TEACHERS COLLEGE CAMPUS

The college is housed in four buildings located so as to constitute a quadrangle after the English idea. The administrative offices, classrooms, the auditorium, library and cafeteria are located in the Main College Building which presents a frontage of 370 feet on Elmwood Avenue. On the south side of the quadrangle is the Vocational Building which accommodates the two vocational departments (having a 270 foot frontage in length)—the Home Economics Department and the Industrial Arts Department. Directly opposite on the north side of the quadrangle is the School of Practice, almost a duplicate in appearance of the Vocational Building, with the kindergarten and the first six grades on the ground and first floors and grades seven and eight with library and laboratories on the second floor. At the rear or on the west side of the quadrangle is the Gymnasium with a floor space 60 x 90 feet, capable of division into two smaller gymnasium floors with adequate lockers, showers, 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. During the summer of 1948, a temporary dormitory accommodating 112 students was erected to the west of the Vocational building and the Gymnasium and facing Rockwell Road. Two other structures were provided, one including commodious transportation, textile and ceramic shops and another for four classrooms and a physics laboratory.

The proposed permanent dormitory for the New York State College for Teachers in Buffalo will be located west of the present athletic field

on land adjoining the present campus which was given the college by the Mayor and Common Council of the City of Buffalo on February 6, 1945. The building has been designed by Architect James W. Kideney of this city and the design has recently been given a special award by the New York State Association of Architects at its 1948 Convention. ~~The building is in the approximate design of a capital "U".~~ Two dormitories, each accommodating 150 students, ~~will constitute the arms of the "U" and a Student Union building will make up the lower connecting loop of the "U".~~ Each wing, ~~accommodating 150 students, will be~~ <sup>are</sup> divided into three separate houses, each house accommodating 50 students with 24 double rooms and two single rooms each. The main entrance of the Union will face and be on the same axis as the main entrance to the Library building which will be ~~later~~ <sup>the</sup> constructed on the present athletic field. Entering the Union to the left of the lobby, a ~~general~~ <sup>large</sup> lounge 50 x 60 feet is ~~contemplated~~ <sup>contemplated</sup> and on the right of the lobby, a dining room 50 x 100 feet seating 475 students ~~will be~~ so connected with the kitchen that cafeteria service may be used for breakfast and lunch but set-up for regular dining service for dinner. A section of the dining room may also be set apart to make provision for two private dining rooms 20 x 25 feet when required. Also to the right of the kitchen and dining room is a snack or sandwich bar which will include a soda fountain and facilities for lunches. The Union building ~~will be~~ <sup>is</sup> one-story. In addition to the above mentioned accommodations, it ~~will~~ include a large game room, a music and recreational reading room, a director's suite, three guest rooms, a suite of four rooms for student activities, together with ~~two or three offices for college publications.~~ <sup>Several studies</sup> It ~~will be set up in brick between red and buff in color with Indiana limestone trim with a cubage of 1,419,000 cubic feet.~~ On November 5, 1948, a contract was made by the State Dormitory Authority authorizing the general contractor, the Shirley-Herman Company, to proceed with the construction of a permanent dormitory.

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 Albright Art School, the McKinley Vocational School, and the New York State College for Teachers 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 New York State College for Teachers and the new Kleinhans Music Hall offer additional educational and cultural opportunities to students registered at the New York State College for Teachers. The Buffalo Symphony Orchestra also offers occasional concerts in the College Auditorium.

### POST WAR BUILDING PROGRAM

On February 6, 1945 the Common Council of the City of Buffalo voted to transfer approximately thirty-five acres adjoining the present campus to the New York State College for Teachers. This was later approved by the Mayor. This grant combined with the present campus provides an area of approximately fifty-five acres. An additional twelve acres, which contains the City Casting Pool and which adjoins the new campus, will not be bounded or set apart by a fence or other barrier; consequently, the campus in reality includes ready access to a larger area than indicated above and is located along Scajaquada Boulevard where future building possibilities will be most advantageous. The Post War Planning Commission has definitely approved plans for a new Library which will be located in the center of the present athletic field facing westward. It is Georgian in style in harmony with the present buildings and its front elevation is not unlike that of the main building of the college. In dimension it will be a building approximately 172 ft. x 85 ft. and will accommodate stacks providing space for about 100,000 volumes. It will include a Reserve Book Room, Periodical Room, Laboratory of Instructional Materials, a Main Reading Room (164 ft. x 50 ft.) together with seminar rooms, offices, work rooms and 32 carrels, small cubicles for private study for upperclassmen and graduate students. This approved building will cost \$355,000.

About 200 ft. west of the Gymnasium on the same axis, an Industrial Arts building will be constructed to cost \$445,000. It will include shops, laboratories, recitation rooms, offices, etc., for a larger Industrial Arts Department than has hitherto been accommodated. This department will be moved from the Vocational Building which will in turn be occupied entirely by a larger Home Economics Department.

Forming a "T" shaped design and adjoining the rear of the present Auditorium, a new Science unit to cost \$241,000 will be erected and constitute a new feature which will complete the eastern side of the present quadrangle. It will accommodate the Science Department which is to be transferred from the present Vocational Building and will include all needed laboratories, lecture and recitation rooms, offices, etc., for the Science Department.

An appropriation of \$1,020,000 was made in the supplemental budget by the 1946 Legislature for the erection of the three above named buildings. Approval has also been granted by the Post War Planning Commission for the expenditure of \$145,000 for the adaptation of the present Vocational building for the exclusive accommodation of the Home Economics Department. The sum of \$218,000 is approved by the Post War Planning Commission for the construction of tunnels, water mains, and landscaping of the new campus. The project of increasing the size and accommodations of the present Gymnasium by more than double its present facilities is now under consideration by the Post War Planning Commission and complete plans therefor have been submitted.



# 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
- W—Official withdrawal
- X—Abandoned courses
- W.R.—Withdrawal by request
- N.C.—No credit
- 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 determines the average. When a course is repeated the second grade received is used in computing the average.

## THE DEAN'S LIST

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

## REQUIREMENT FOR GRADUATION

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

A minimum of 32 semester hours, including the last 16 hours, must be completed in resident study. A total of 128 semester hours credit is required for graduation.

## 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 or the Head of the special department in which the student is registered. 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 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 students' name before the Dean for special consideration. The Dean may request him to withdraw or grant another probationary period known as "Final Probation," depending on extenuating circumstances.

Failure to earn a "C" average or to pass all courses undertaken during a semester or final probation shall result in the student's dismissal from the college. A petition for special consideration may be filed with the Dean of the College if the student feels that dismissal is not warranted.

## CONDITIONS UNDER WHICH STUDENTS WILL BE DROPPED

1. Failing a required subject for the third time.
2. Failing one-half of the semester's work.
3. Failure to meet the requirements of the probation regulation.



4. Failure to cooperate in carrying out the policies and regulations of the college.

### SPECIAL REQUESTS

Requests for special privileges 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 are to be made to the Dean.

### SPECIAL EXAMINATIONS

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

### APPLICATION FOR GRADUATION

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

### CANCELLATION OF COURSES

Cancellation of courses after final date for schedule changes can be made only by the written permission of the Dean. Such cancellation must be recorded in the Registrar's Office before it becomes official.

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

### ATTENDANCE REGULATIONS

1. Attendance at classes is required at all times.
2. The Instructor of the class in which an absence occurs determines on the merits of the case, whether the absence is excusable, except when it occurs before or after a holiday.

3. Unexcused or excessive absences are to be reported by the Instructor to the Dean, with recommendations for subsequent action.

4. Students absent because of illness must report first to the Nurse's Office and then to classes. The Nurse's clearance permit must be present for re-admission into classes. This permit must be signed by the instructors of the classes in which the absence occur and filed by the student with the Registrar within one week after issuance.

5. Absence from classes for more than four weeks, or one-fourth of the term, for any reason, obliges the student to withdraw from the class. The student should after such an absence notify the Registrar in order to cancel the course officially.

6. Unexcused or excessive tardiness will not be tolerated. Such cases will be reported to the Dean by the Instructor with a recommendation that the courses in which the tardiness occurs be cancelled if the tardiness is continued or repeated.

7. A penalty will be imposed for an UNEXCUSED absence before and/or after a holiday. Such penalty requires the student to complete two semester hours of credit in addition to the regular requirement of 128 semester hours for graduation. Instructors must report all such absences to the Dean. Students should get such excuses from the Dean or the Registrar. In case of illness, the student must have the Dean or Registrar sign the Nurses' permit before re-entering class. Under no condition is the student permitted to re-enter the class without this special approval. It is advisable for students to get permits for such absences in advance of their occurrence, whenever possible.

### 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 of Art Education, Home Economics, and Industrial Arts departments must report their desire for withdrawal to the Head of their special department before reporting to the Dean for official withdrawal. Students who fail to comply with this requirement will not be given honorable dismissal and may be rejected upon application for re-admission.

### TRANSCRIPTS OF RECORD

Transcripts of record are not given to students, either under-graduate or graduate, but will be forwarded upon request to educational authorities whom the students may designate. No charge is made for



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

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

### STATE SCHOLARSHIPS

The State Department of Education regulations for holders of State Scholarships provides that "University scholarships may be used in State teachers colleges for the general college elementary teachers and special curriculums." The special curriculums offered at Buffalo are Home Economics, Industrial Arts, Art Education, and Teachers of Handicapped Children.

The holders of State scholarships receive three hundred fifty dollars each year in two payments of one hundred seventy-five dollars each. The privilege of these scholarships for four years depends upon the observance of college regulations and the maintenance of a satisfactory standard of scholarship. High school graduates should contact their principal, if interested in receiving such scholarships.

### LATE REGISTRATION

All students are to register on dates established for registration. A fine of one dollar per day, up to a maximum of three dollars, will be charged for late registration. Only late registrants excused by the Dean will be allowed to register after the first two weeks of college.

### COLLEGE CREDIT FOR EDUCATION AND MILITARY EXPERIENCE IN THE ARMED FORCES

The policy of the teachers colleges of New York State regarding credits to be allowed toward degree requirements, as approved by the State Education Department, is as follows:

I. Admission to college shall be on the basis of the completion of a standard secondary school program, or the equivalent. The secondary school officials shall determine when a student by normal progress, acceleration or otherwise has completed an approved secondary school course covering at least 16 units, or the equivalent

II. (A) Correspondence courses given and validated by United States Armed Forces Institute (U.S.A.F.I.) may be recognized by colleges and universities for credit if they are appropriate to the institution's degree requirements.

(B) Correspondence courses given to service personnel by recognized colleges and universities under the sponsorship of the U.S.A.F.I.

may be recognized for college credit if they are appropriate to the institutions' degree requirements and provided they are accepted or acceptable for college credit by the college or university offering the courses.

III. (A) Institutional courses offered on the college campus, such as, Army Specialized Training Program (ASTP), Navy College Training Program (NCTP), meteorology, etc., may be recognized for college credit on the basis of hours of instruction, laboratory and preparation (a semester hour being 15 class hours plus preparation), provided:

(1) The student is eligible for matriculation as a college student

(2) The course does not duplicate work for which the student has already received credit

(3) It is appropriate to the degree requirements of the college offering the course

(4) The total number of semester hours credit per term does not exceed the number of weeks in the term plus two.

(B) Credit for these institutional courses may be accepted by other colleges on a transfer basis provided they meet the requirements above.

IV. Credit for Military Experience and Service Training Schools:

(A) Not more than ten semester hours credit may be granted to veterans who have served at least six months in the armed forces, for general military experience, basic and advanced training which included military science, hygiene, physical training and other experiences of educational value. For those who have had less than six months' military service not more than five semester hours' credit may be granted for the successful completion of the basic or recruit training program.

(B) A limited amount of additional credit supported by documentary evidence may be granted by colleges and universities for work done systematically in service specialty schools, technical training schools and officer candidate schools in which a part of the program is of college grade, provided:

(1) It is applicable to the degree requirements of the institution

(2) It does not duplicate work for which credit has already been granted.

(3) The quality of the work is validated in one of the following ways:

(a) U.S.A.F.I. tests (preferred method)

(b) Equivalent tests or procedures authorized by the college

Such credit, together with the basis on which it was validated, shall become a part of the student's permanent college record.

For further information write to the Dean of the College.



## EXTRA-CURRICULAR ACTIVITIES

The student organizations on this campus are the outcomes of the interest and the enthusiasm of various groups. Through these organizations abundant opportunities are provided for social relationships, leadership training, civic responsibility, the development of hobbies or special abilities and professional growth. The organizations reflect the objectives of the student body and exemplify the philosophy of the College.

### PROFESSIONAL CLUBS

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

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

**Home Economics Club** is affiliated with the American and New York State Home Economics Associations. It is open to all home economics students. Through such activities as a "get acquainted" party, articles for newspapers, radio programs, and fashion shows the club provides for the development of leadership and participation in services to the college and the community. International understanding is promoted by inviting foreign fellowship students to speak at meetings, collecting and sending gifts to needy children of other lands through the World Christmas Festival, and supporting the International Scholarship Fund by generous contributions.

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

**International Council for Exceptional Children.** New York State College for Teachers Chapter of the International Council for Exceptional Children is an affiliate of the international organization by the same name. Membership in the organization is limited to those students interested in teaching children who are mentally handicapped, blind or partially sighted, deaf or hard of hearing, vitally low, orthopedically handicapped or speech defective. Meetings are held monthly, wherein specialists are invited to talk and lead discussion groups. Visits are made to special schools and residential institutions.

### CULTURAL INTEREST CLUBS

These clubs provide for academic interests a more informal outlet than is afforded by the classroom. They supply incentives for personal achievement in their respective areas.

**The Art Kraft Klub** develops and maintains artistic standards in the college by enhancing the beauty of surroundings, by developing arts and crafts by which creative talent may be encouraged, and by promoting an interest in art in all departments. Membership is open to students in all departments who write letters of creative merit to the club and meet the requirements of membership.

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

**Men's Campus Club** is an organization to study the problems and promote the interests of the men of the campus. It is primarily a social organization, fostering the Men's Camp, occasional sports nights for men, and athletic activities.

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

### FINE ARTS CLUBS

These organizations supplement the regular college courses in the musical and dramatic arts. The successful application of knowledge and techniques gained in class is reflected in the many public appearances of these clubs.



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

**A Cappella Choir.** College Choir membership is determined by competitive try-outs. The song literature is chosen on a high level for concert purposes. The Choir appears at the Kleinhans Music Hall, radio broadcasts, and the college Baccalaureate and Commencement exercises.

**Men's Glee Club.** Membership is open to any man on campus who has the ability to pass an audition. Practice sessions are held twice a week during the half-hour before classes begin. They participate in assemblies, Spring Musicale and other concerts on campus and for off-campus groups.

**Women's Senior Glee Club.** Try-outs for this Glee Club are open to all sophomores, juniors and seniors. This group sings for assemblies, radio broadcasts, the Spring Musicale, and, in particular, with the Buffalo Philharmonic Orchestra at Kleinhans Music Hall.

**Women's Freshman Glee Club.** The purpose of this group is to give the freshman girls the pleasure of expressing themselves in song and to prepare them to participate in musical events. Since its inception it has contributed to the music of the College Christmas Play, given concerts for various off-campus organizations, sung for Lenten services, and participated in the Spring Musicale.

**The Band.** Membership in the band is open to all students who can play a band instrument. The Band, like the orchestra, often contributes to the life of the College through performance at assembly programs and especially athletic events. Associated with the band is the Baton Twirlers group. College-owned instruments are available.

**The Orchestra.** Membership in the orchestra is open to all students who can play an instrument. Try-outs are held at the beginning of each semester. Associated with the orchestra are other instrumental ensembles which provide opportunities for solo performance. College-owned instruments are available.

**Dance Club.** The Dance Group holds classes in basic exercise, individual interpretation of music, modern dancing and special pro-

gram rehearsals. Interest is the only requirement for membership in the beginning group. The activities of this group are under a student director, with very enthusiastic participation from each member in the group.

## RELIGIOUS AND SOCIAL SERVICE CLUBS

The College by its nature is non-sectarian but offers the opportunity for all faiths to apply their beliefs to campus practices. Bound together by a common faith the social activities of these groups serve to raise the standard of inter-personal relationships.

**Hillel** is an organization open to students of the Jewish faith. It offers them religious, cultural and social activities. Its programs include lectures, discussions, holiday ceremonies and celebrations. Music, folk dances and guest speakers offer the members a more basic understanding of the Jewish heritage.

**Inter-Varsity Christian Fellowship** is an international and interdenominational organization active on college campuses the world over. It emphasizes positive Christian living based on teachings from the Scriptures. Meetings are held daily for Bible study and prayer.

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

**Students' Christian Association.** Men and women of any sect, creed or denomination may join this group which is a part of the national and international student organization. It sponsors religious and ethical lectures and discussions, social welfare work, and the annual State Fair.

## HONORARY ORGANIZATIONS

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

**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 effective leadership.

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

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

**Kappa Delta Pi** is Gamma Mu chapter of the national society and is the first to be granted to a teacher education institution in New York State. Members are selected from the two upper classes on the basis of general scholarship in the upper quartile in their class, indication of continued interest in the field of education and manifestation of desirable social qualities. The chapter assisted in the development of a text-book library, and sponsors each year the observance of American Education Week.

**Phi Epsilon Omicron** is the Mu chapter of the national fraternity. Home Economics majors from the upper classes having high scholastic records and demonstrating professional interest and leadership are selected as members. Its purpose is to advance home economics and to provide opportunities for personal and professional development of members. Chapters contribute to the National professional work which includes assistance for the Consumer Speaks Program and the Home Economics Foreign Fellowship Fund. Members carry on the Home Economics work in the Bureau of Instructional Materials and cooperate with the college on professional activities.

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

#### FRATERNAL ORGANIZATIONS

The college recognizes the social development of its students as one of its primary objectives. Many of the organizations contribute to this

objective but for the fraternities and sororities it is their primary function, and gives to them responsibility for leadership. Sororities and fraternities afford opportunities for cultivating close personal friendships and social growth, which will prove an asset to the campus.

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

**Three fraternities** with state or national affiliations, Delta Kappa, Psi Phi, and Sigma Tau Gamma, are governed by the Inter-Fraternity Council. Their objectives are development of leadership, promotion of fellowship, and encouragement of academic success. Before the onset of the war each fraternity maintained a house providing living quarters and opportunities for social development. Two of these fraternities now maintain houses.

#### CENTRAL GOVERNING BODY

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

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

#### CLASS GOVERNMENT

**Class Cabinets**, consisting of the officers of the senior, junior, sophomore and freshman classes, constitute the planning and administrative boards of these four units of the student body. They also include committee chairmen and section captains of each class respectively on their advisory and executive staffs. Each officer meets in an Inter-Class Council for his office to organize activities and functions among the four different classes of the College.



## RESIDENCE GOVERNMENT

The Non-Residents Council, consisting of a representative from each residence, studies and promotes the interests of all out-of-town women in college. Through a variety of activities, among which are the monthly meeting of the council with discussions, visits to different residence centers and cabinet meetings, the organization attempts to maintain the highest possible standard of living in residences and to facilitate better adjustment of all women to their new environment.

## STUDENT PUBLICATIONS

Student publications give students an opportunity to take part in writing, editing and producing their own newspaper, yearbook and handbook. Each publication is managed by a student editor and business manager. The general policies of student publications are formulated by a committee whose membership includes the six student editors and business managers and five faculty members.

The Record is a weekly newspaper of campus news and features, editorial comment and student opinion. The paper is distributed to all students of the college. Special issues during the past two years have been sent to graduates and former students in the armed services.

The Elms, a yearbook produced primarily as a record of campus life for the graduating class, presents the organizations, activities and important events of the college year.

The Handbook, designed especially for new students, sets forth and explains regulations and traditions of the college as well as extra curricular opportunities on the campus and in the city of Buffalo.

## CALENDAR OF CAMPUS EVENTS

Freshman Camps for Women and Camp for Men  
Junior Counselor Program for Freshmen  
Faculty Reception to Freshmen  
Frosh-Soph Push Ball Contest  
Inter-Class Sing  
Informal Friday evening dances, sponsored by campus organizations  
Formal Junior Prom and Senior Ball  
Holly Hanging Festival  
Christmas Play, given by the Dramatic Club  
The Christmas Tree Hour  
The State Fair  
Panhellenic Day  
School of Practice Day

Alpha Tapping Ceremony

Vocational Day

The Spring Musicales

The Annual Spring Play, given by the Dramatic Club

The Dean's Tea, given by Kappa Delta Pi

Moving-Up Day

President's Reception to Local Board, Faculty and Graduates

Alumni Events

Baccalaureate, Class Day and Commencement.

## FRESHMAN CAMPS

Frosh Camps for women and for men are held on the first week-end of college at nearby camp sites. The upperclassmen plan and organize the camps to meet the needs of beginning students. Programs of fireside chats, skits, sports and orientation to college traditions are planned. The camps enable freshmen to become acquainted with members of their class as well as the upper-classmen and faculty. Invitations to beginning students are sent out during the summer.

## 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 at all times to students and faculty who wish to use their facilities for free hours between classes or to reserve them for activities after class hours.

## DEPARTMENTS OF THE COLLEGE

The College is composed of six major divisions, namely, (1) Elementary Education for those desiring certification for teaching in the elementary grades, and specialization in kindergarten teaching, elementary school principalship, supervisor in the elementary schools, and elementary science; (2) Home Economics for those wishing to be teachers of clothing and homemaking; (3) Industrial Arts for those wishing to teach industrial arts or vocational subjects; (4) Art Education for teachers of art in the public schools of the State; (5) Department of Education for Handicapped Children which offers courses leading to the certification of teachers of the deaf, the hard of hearing, the mentally retarded, the orthopedically handicapped, the partially sighted, and of speech correction; (6) The Graduate Department, for teachers holding the bachelor's degree, offering work in all areas leading to the degree of Master of Education. Details of each of these departments appear in the sections following this statement.



# Elementary Education

The Elementary Education Curriculum is for those young men and women who are especially interested in devoting their professional interests to the elementary grades. It prepares the students to teach in all grades of the elementary school, kindergarten through the eighth grade. An elementary teacher, to be successful, must be an individual with excellent personal preparation as well as professional perspective and technical knowledge and skill. This curriculum makes ample provisions for these three aspects of one's total development. Approximately three-fourths of it are devoted to courses in general education and one-fourth to technical and professional courses. Students completing this curriculum are awarded the degree of Bachelor of Science in Education.

Opportunities are available for additional certification by a special selection of the electives. If one desires to become a Kindergarten teacher, her electives may include the courses indicated elsewhere in this catalog, thereby getting an extension to her certificate to specialize in Kindergarten teaching.

If one has ambitions for administrative or supervisory work in the elementary school, he may select as electives basic administrative courses as groundwork for later graduate courses.

Students interested in certification for Teaching Handicapped Children may select their electives in this area. Refer to pages 73-83 in the catalog for a complete description of courses and a statement of specific requirements for certification.

A limited number of students will have the opportunity to select special courses leading to certification as consultants or teachers of elementary science. Complete statements of this specialization will be found on pages .. and ...

## GENERAL ELEMENTARY CURRICULUM

### FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit 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
Physical Education Activities*.....	2	0	2	0
Math. 101 Introduction to Mathematics†.....	3	3	.....	.....
Sci. 101 Physical Science†.....	.....	.....	4	3
Language Sequence** (Optional).....	3	3	3	3
Latin, French, or Spanish (Elementary and advanced) .....	.....	.....	.....	.....
Total hours .....	21	16	22	16

### SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Eng. 201 Advanced Written Composition.....	3	3	.....	.....
Eng. 204 English Literature.....	.....	.....	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.....	2	2	.....	.....
Physical Education activities*.....	2	0	2	0
Electives .....	3	3	3	3
Total hours .....	21	17	19	15

\* Recreational activities for two periods a week, on a non-credit basis, are required of all freshmen and sophomores.

† If one of the language sequences is elected, Science 101 and Mathematics 101 are taken in Sophomore year during elective periods.

\*\* All students not having two units of foreign language in high school must take a foreign language one year in college during the freshman or sophomore year.



### THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
Eng. 306 Advanced Oral Composition.....	3	3	.....	.....
Eng. 304 American Literature.....	.....	.....	3	3
S. S. 301-302 American Civilization and Govern- ment .....	3	3	3	3
Ed. 301-302 The Child and the Curriculum II.....	5	3	4	3
Phy. Ed. 301-302 Physical Education.....	2	1	2	1
I. A. 303 Elementary Industrial Arts.....	.....	.....	4	3
Geo. 301 General Geography I.....	3	3	.....	.....
Electives .....	3	3	3	3
Total hours .....	19	16	19	16

### FOURTH YEAR

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

† 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 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.

### THIRD YEAR

#### DIVISION A. (Junior Teaching Sections)

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
Ed. 301-302 The Child and the Curriculum II.....	9	6	.....	.....
S. S. 301 American Civilization and Govern- ment I .....	3	3	.....	.....
Geo. 301 General Geography I.....	3	3	.....	.....
Eng. 306 Advanced Oral Composition.....	3	3	.....	.....
Phy. Ed. 301 Physical Education.....	2	1	.....	.....
Ed. 401 Practicum in Teaching.....	.....	.....	30	15
Total hours .....	20	16	30	15

#### DIVISION B. (Senior Teaching Sections)

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
Eng. 306 Advanced Oral Composition.....	.....	.....	3	3
Eng. 304 American Literature.....	3	3	.....	.....
I. A. 303 Elementary Industrial 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 Govern- ment .....	3	3	3	3
Phy. Eng. 301-302 Physical Education.....	2	1	2	1
Electives .....	6	6	.....	.....
Total hours .....	18	16	20	16



# FOURTH YEAR

## DIVISION A. (Junior Teaching Sections)

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
Ed. 402 Seminar in Elementary School Teaching	3	3	.....	.....
Eng. 402 Contemporary Literature.....	3	3	.....	.....
S. S. 402 Sociology.....	3	3	.....	.....
Geo. 402 General Geography II.....	3	3	.....	.....
H. Ed. 402 Health Protection.....	2	2	.....	.....
I. A. 303 Elementary Industrial Arts.....	.....	.....	4	3
Eng. 304 American Literature.....	.....	.....	3	3
S. S. 302 American Civilization and Govern- ment II .....	.....	.....	3	3
Phy. Ed. 302 Physical Education.....	.....	.....	2	1
Electives .....	3	3	6	6
Total hours .....	17	17	18	16

## DIVISION B. (Senior Teaching Sections)

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

# HOME ECONOMICS DEPARTMENT

Professors Sipp, Hockin, Roudebush; Assistant Professors Lois Adams, Buddenhagen, Keever, Palmer, Grant, Weaver; Miss Johnson, Miss Arlene Adams.

Cooperating Teachers in Home Economics Education: Mary S. Austin, East Aurora; Helen Bailey, Orchard Park; June Clarke, Middleport; Winifred Eakin, North Collins; Pauline Firestone, Angola; Edna Grampp, Kenmore, Lincoln Elementary School; Arlene Grefe, Buffalo, School 81; Janice Kelley, Eden; Mildred Lussow, Clarence; Ada B. Long, Lackawanna; Eleanor Mumenthaler, Buffalo, School 19; Frances C. Richardson, Wilson; Edith Young, Buffalo, School 19.

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

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

## HOME ECONOMICS MAJOR

This four year course is planned to

1. Provide for the development of the individual
2. Give the student an understanding of experiences in the various phases of homemaking
3. Assist the student in acquiring an understanding of the principles of the natural and social sciences and of art as they impinge upon the home and family
4. Provide opportunities for gaining the kinds of experiences which are needed for effective teaching of home and family living in the school and community.

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



Observation of and participation in teaching during the junior year are provided for in the School of Practice on the college campus, a neighboring village, and Buffalo city schools where there are programs in homemaking education for junior high school pupils.

During the senior year, student teaching is provided for in central and village schools which are representative of those in which students accept positions upon graduation. Residence in such communities during the teaching period is required. These schools are selected on the bases of the type of school, interest of the community and school administration, a teacher professionally interested and personally adapted to guide student teachers, and upon public transportation to such communities. See page . . for list of schools and teachers cooperating in Home Economics Education.

Through the use of Federal Funds, the department is able to provide 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.

#### SUPPLEMENTARY EXPERIENCE

The supplementary experience program affords all Home Economics students an opportunity to secure additional practical experience during summers following the first three years in College. These experiences are planned as outgrowths of the previous year's work. The student with the assistance of her instructors plans experiences to meet her needs as she and the faculty members see them.

It is believed that these experiences 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 supplementary experience, but planned experiences are required following the sophomore and junior years.

#### ENTRANCE REQUIREMENTS

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

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 closing at home or in school, additional non-credit courses are required. Diagnostic tests are given to accept students to determine those who have attained these skills.

#### ADMISSIONS WITH ADVANCED STANDING

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

#### ELECTIVES FOR HOME ECONOMICS MAJORS

Provision is made for electives in the junior and senior years through which the student may pursue study further in any non-home economics field. For description of such courses refer to the Description of Courses as listed in the respected departments on subsequent pages of this catalog.

#### ADDITIONAL OPPORTUNITIES FOR HOME

An opportunity is offered each year for two seniors the first semester and two juniors the second semester to attend Merrill-Palmer School, Detroit, Michigan.

Applicants for this privilege are considered in the light of their previous experience and attainments in college and their future plans.

#### ELECTIVES FOR STUDENTS IN OTHER DEPARTMENTS

Electives especially designed for non-Home Economics majors are listed as H.E. 410, 411, 412. For description see page . . .

For Course Descriptions—both required and elective—offered by the Home Economics Department consult pages . . to . . of this catalog.



# HOME ECONOMICS CURRICULUM

## FRESHMAN YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
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 Bacteriology.....	4	3	.....	.....
Science 124 Human Physiology and Hygiene.....	.....	.....	4	3
H. E. 90 Clothing.....	2	.....	.....	.....
H. E. 101-102 Personal Living Problems.....	6	4	6	4
Physical Activities—Gym and Pool.....	2	.....	2	.....
	25	16	22	16

## SOPHOMORE YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 201-202 Composition and Speech II.....	3	3	3	3
S. S. 222 Principles of Economics.....	.....	.....	3	3
Science 227 Physical Science.....	4	3	.....	.....
Science 225-226 Elements of Inorganic and Organic Chemistry .....	4	3	4	3
H. E. 91 Foods and Nutrition.....	2	.....	.....	.....
H. E. 203 The Child in the Family.....	6	4	.....	.....
H. E. 204 Clothing and Costume Design.....	.....	.....	6	4
H. E. 205 Foods and Nutrition.....	5	3	.....	.....
Art. 221 Essentials of Home Arts.....	.....	.....	4	3
Physical Activities—Gym and Pool.....	2	.....	2	.....
	26	16	22	16

## JUNIOR YEAR

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

## SENIOR YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
H. E. 401 Home Management.....	5	4	.....	.....
H. E. 403 Family Relationships.....	3	3	.....	.....
Education 421 Teaching Practicum.....	15	9	.....	.....
H. E. 405 Household Equipment.....	.....	.....	4	3
Art 421 Art Appreciation.....	.....	.....	3	3
H. E. 407 Housing and Home Planning.....	.....	.....	4	3
English 204 English Literature.....	.....	.....	3	3
Elective .....	.....	.....	3	3
	23	16	17	15

Approved Supplementary experience required.



## INDUSTRIAL ARTS TEACHER TRAINING DEPARTMENT

Director Perkins; Professor Neuthardt; Assistant Professors Brossman, Fontana (on leave), Grabau, Harlan, Morrice, Quackenbush; Mr. Callan (on leave), Mr. Cappiello (acting), Mr. Cook, Mr. Dunn (acting), Mr. Finsterbach (on leave), Miss Haggerty, Mr. Heintz (acting), Mr. Mandel (on leave), Mr. Palmeter (acting), Mr. Russell, Mr. Steffan, Mr. Strong, Mr. Waagen, Mr. Welch (acting).

The Industrial Arts Department prepares teachers for Industrial Arts positions in the elementary and high schools of New York State. It covers comprehensively all phases of work in metal, wood, graphic arts, electricity, transportation, ceramics, and textiles.

Students also receive sufficient training in mechanical drawing and blueprint reading to enable them to understand mechanical representation of shop projects. Through cooperation with the Art Department, they will have an excellent appreciation of design applied to shop projects.

The four-year program gives general training in Industrial Arts shop work and also offers excellent training in the fields of literature, mathematics, science, and social studies. The requirements of the curriculum are such that no specialization in shop work is possible, hence, all students will be required to complete work in all shop laboratories.

Upon completion of the four-year program, graduates will receive a Bachelor of Science in education, and a license to teach Industrial Arts in the elementary and high schools of the state.

Beginning September, 1947, courses bearing graduate credit were offered in the extension and in the summer programs. Graduate courses will continue on this basis until such time as fifth year work is authorized by the State Education Department.

Students should meet the general requirements printed in the forepart of this bulletin, but it is highly desirable for applicants to have completed two units of Mathematics, and two units of Science, one unit of which should be Physics or Chemistry. It is desirable that students wishing admission to this department have mechanical ability as determined by the completion of shop courses or by successful summer work in industry.

Information in regard to shop problems relating to Industrial Arts may be had by addressing the Director of Industrial Arts Department, New York State College for Teachers, Buffalo 9, New York.

## 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 Certification Bulletin. Briefly, this requires 18 hours in professional courses and 36 hours in appropriate Industrial Arts courses.

## EX-SERVICEMEN

Provision has already been made to enroll ex-servicemen who wish to prepare for teaching under the provisions authorized by the Veterans Administration.

Those wishing to take up the work of this department must meet the regular requirements for admission.



# INDUSTRIAL ARTS CURRICULUM

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Eng. 101-102 Composition and Speech I.....	3	3	3	3
I. A. 103-104 Mechanical Drawing.....	4	3	4	3
Math. 102 General Mathematics.....	3	3	.....	.....
Math. 104 Applied Mathematics.....	.....	.....	3	3
Art 111-112 Essentials of Industrial Arts Design	3	2	3	2
I. A. 101 Electric Shop.....	15	5	.....	.....
I. A. 102 Wood Shop.....	.....	.....	15	5
	28	16	28	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Eng. 202 Speech II.....	3	3	.....	.....
Ed. 203 Educational Psychology.....	4	3	.....	.....
Sci. 205-206 Physics.....	4	3	4	3
S. S. 205 Contemporary Civilization.....	.....	.....	3	3
I. A. 211 Principles and Practice of Industrial Arts I .....	.....	.....	2	2
I. A. 201 Transportation Shop.....	15	5	.....	.....
I. A. 202 General Metal Shop.....	.....	.....	15	5
Elective .....	3	3	3	3
	29	17	27	16

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
I. A. 311-312 Principles and Practice of Industrial Arts II & III.....	2	2	2	2
S. S. 301-302 American Civilization and Government .....	3	3	3	3
Sci. 301-302 Chemistry.....	4	3	4	3
Eng. 204 English Literature.....	3	3	.....	.....
I. A. 301 Graphic Arts Shop.....	15	5	.....	.....
I. A. 302 General Shop.....	.....	.....	15	5
Elective .....	.....	.....	3	3
	27	16	27	16

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
I. A. 411 Practice Teaching and Conference.....	25	15	.....	.....
S. S. 421 Industrial History and Labor Problems..	.....	.....	3	3
I. A. 406 Ceramics and Textiles.....	.....	.....	15	5
Electives .....	.....	.....	8	8
	25	15	26	16

NOTE:—Students registered in I. A. 411 are required to teach in both unit and general shops. This necessitates living out of town one-half semester. Students must be prepared to finance themselves as they must accept assignments given them.

## ELECTIVES

General Electives. Complete list of electives as outlined in Description of Courses.



## ART EDUCATION DEPARTMENT

Professors Czurles, Smay, Hubler; Assistant Professors Winebrenner (on leave), Heyman, Meibohm, Conant, Klute (acting); Mrs. Karcher, Mr. Dakin, Mr. Truesdale, Miss Fedigan.

The Art Education Department offers a curriculum for the education of teachers of art. Graduates of this department receive the degree of Bachelor of Science in Education and are eligible to teach Art in the elementary, junior, and senior high schools of New York State. A graduate curriculum leads to the degree of Master of Education.

The Department also provides the art courses for the General Elementary, Home Economics, Education for the Handicapped, and Industrial Arts Departments.

### AN AFFILIATED PROGRAM OF ART EDUCATION

This is an affiliated program. It utilizes the facilities of the Albright Art School and the Albright Art Gallery as well as those of the various departments of this College. Students are thus enabled to gain technical training in an Art School at the same time that they are receiving a general and professional education in a Teachers College.

The permanent collection in the Albright Art Gallery and the constantly changing exhibits brought from other cities give the students an exceptional opportunity to study the art of the past and the present and to hear special lectures on art while they are developing their own art knowledges and skills.

The Albright Art School has a highly trained faculty active in professional art work, and offers excellent teaching facilities in well equipped studios and workshops.

### DRAWING, PAINTING, AND DESIGN

At the Art School the students spend three hours each day during the first three years. Here they pursue a sequence of courses which provides experiences in creation and expression ranging from the most representative to the most abstract. They handle both two- and three-dimensional media.

Design is stressed as a functional thing growing out of the materials of construction and the purpose of the creation. Such representational experiences as figure drawing and oil painting are not limited by imitative aims alone but are designed to retain and develop the creative

faculties as well. A study is made of various color, design, and perspective theories and of certain fundamentals involved in lettering and various forms of commercial art. Other courses offer experience and training in using art knowledges and skills in the solution of home, community, and personal appearance problems.

### CRAFTS

Courses in crafts are given at the New York State College for Teachers. 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 full meaning. Other work includes elementary crafts suitable for the first six grades of school where very little special equipment is required. Creativeness with common materials and processes is stressed. Advanced crafts, suitable for the high schools include: design, construction and decoration in textiles, leather, wood, light metal, jewelry and ceramics. The course in stagecraft includes shadow and string puppets, costume and scenery design and experience in staging at least one production in conjunction with the Dramatics Club of the College.

### CULTURAL DEVELOPMENT

The General Elementary Department of the college provides courses of a liberal cultural nature to round out the preparation of the art teacher. Several courses in English composition and literature, biological and physical science, history and some elective work are included in the program. A course in the history of art continuing through one year constitutes a careful survey of the development of the arts through the ages and adds greatly to the students' cultural background.

During the first year students are required to participate in gymnasium activities and swimming, and in the second year to attend a course in Health Education. This is to enable each student to know how to keep physically fit, and to encourage him to continue these recreational activities throughout the remaining two years. Elective courses may be selected from the offerings of the college outside the field of art education.

### PROFESSIONAL EDUCATION

The professional education courses at the college include the study of child development, observation of children, and other psychological study. In an introductory freshman course, students are oriented to the function of Art in American life and education. This is followed by a



more detailed study of curriculum needs at different age levels and in various types of schools. Practice teaching consists of a full half year experience as a cadet teacher at both the elementary and secondary levels. In addition, students are encouraged to participate throughout their four years in voluntary teaching in various community centers.

### ADVANCED STANDING AND CERTIFICATION

Applicants for admission to advanced standing in this department will be informed of the requirements for the degree upon evaluation of transcripts. College graduates who hold a certificate to teach common branch subjects or an academic subject may secure a provisional certificate to teach art by completing the following requirements of the State education department.

Teaching methods and materials in art..... 4 to 8 semester hours  
 Technical Art courses..... 36 semester hours

Distributed as follows:—

Design and crafts.....16 to 20 semester hours  
 Drawing and painting.....10 to 14 semester hours  
 Mechanical drawing ..... 2 to 4 semester hours  
 History and Appreciation of Art..... 2 to 4 semester hours

### THE COST

All students admitted to the Art Education Department are required to pay the regular college fees for each of the four years and a tuition of \$125 per year for each of the first three years during which time they take work at the affiliated Albright Art School. The tuition is payable to the Albright Art School at the rate of \$62.50 each semester. The total cost for this training is considerably lower than that at the average art school.

## ART EDUCATION CURRICULUM

### FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 101-102 Child Development.....	4	3	4	3
Eng. 101-102 Composition and Speech.....	3	3	3	3
Art 117 Introduction to Art Ed.....	3	3	.....	.....
S. S. 104 History of Civilization.....	.....	.....	3	3
Orientation and Library.....	1	.....	.....	.....
Swimming and Gymnasium.....	2	.....	2	.....
Art 103-104 Basic Drawing* .....	5	2½	5	2½
Art 105 Perspective I* .....	3	1½	.....	.....
Art 107-108 Principles of Art*.....	2	1	2	1
Art 115-116 Fundamentals of Design*.....	5	2½	5	2½
Art 114 Figure I*.....	.....	.....	3	1½
	28	16½	27	16½

\* Courses taken at the Albright Art School.

### SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Sci. 209-210 Biology.....	3	2	3	2
H. Ed. 201-202 Health Education.....	1	1	1	1
Eng. 205 Survey of Literature I.....	3	3	.....	.....
I. A. 203-204 Mechanical Drawing.....	4	2	4	2
Elective (General College Subject).....	.....	.....	2	2
Art 212 Elementary Crafts .....	.....	.....	4	2
Art 213 Figure II* .....	6	3	.....	.....
Art 204 Perspective II* .....	.....	.....	3	1½
Art 205 Design in Form*.....	6	3	.....	.....
Art 206 Water Color* .....	.....	.....	6	3
Art 207 Design in Lettering*.....	3	1½	.....	.....
Art 210 Costume* .....	.....	.....	3	1½
Art 214 Figure III* .....	.....	.....	3	1½
	26	15½	29	16½



### THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
Sci. 307 Physical Science.....	4	3	.....	.....
Eng. 314 Survey of Literature II.....	.....	.....	3	3
Art 301-302 History of Art I and II.....	3	3	3	3
Art 303-304 Pictorial Design I, II*.....	6	3	6	3
Art 305 Functional Design*.....	9	4½	.....	.....
Art 306 Processes and Techniques*.....	.....	.....	6	3
Art 308 Interior Design*.....	.....	.....	3	1½
Art 311-312 Art Curriculum.....	3	2	3	2
	25	15½	24	15½

### FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class	Credit	Class	Credit
	Hours	Hours	Hours	Hours
S. S. 402 Sociology.....	.....	.....	3	3
Electives (General College Subjects).....	.....	.....	6	6
Art 402 Advanced Crafts.....	.....	.....	8	4
Art 403 Stage Crafts.....	.....	.....	8	4
Art 404-405 Pract. Teaching and Seminar.....	30	15	.....	.....
	30	15	25	17

\* Courses taken at the Albright Art School.

## DEPARTMENT OF EDUCATION FOR HANDICAPPED CHILDREN

Upon initial entrance to New York State College for Teachers a student may declare his intention of enrolling in the Department of Education for Handicapped Children, or if he is undecided he may withhold his decision until the beginning of the second semester of his sophomore year. In either case, the student will follow the elementary education training program for freshmen and enroll in Ed.H. 201 during the first semester of the sophomore year. For students enrolled in the Department of Education for Handicapped Ed.H. 201 is required, for students in the Elementary Education Department or other department of the college it may be used as an elective.

The five areas of specialization in the Department of Education for Handicapped Children are:

1. Education of Hard of Hearing Children
2. Education of Mentally Retarded Children
3. Education of Orthopedically Handicapped Children
4. Education of Partially-sighted Children
5. Speech Correction.

Upon graduation each student meeting the requirements in a field of specialization will be certified by the New York State Department of Education to teach not only his chosen specialty but also the elementary grades.

A student majoring in the Department of Education for Handicapped Children may select only one field in which to concentrate.

Through the cooperation of the Buffalo Public Schools, Meyer Memorial Hospital, Childrens' Hospital, Crippled Children's Guild clinics and special classes are used for observation, participation and practice teaching. For further information write to M. H. Fouracre, Director, Department of Education for Handicapped Children, New York State College for Teachers, Buffalo 9, New York.



# CURRICULUM FOR THE TRAINING OF TEACHERS OF HARD OF HEARING CHILDREN

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 101-102 Comp. & Speech.....	3	3	3	3
Soc. St. 101-102 Hist. of Civil.....	3	3	3	3
Ed. 101-102 Child Devel.....	4	3	4	3
Art 101-102 Essen. of Art.....	3	2	3	2
Music 101-102 Essen. of Music.....	3	2	3	2
Physical Education Activities.....	2	0	2	0
Math. 101 Intro. to Math.....	3	3	.....	.....
Science 101 Phys. Science.....	.....	.....	4	3
	21	16	22	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 201 Adv. Written Comp.....	3	3	.....	.....
Soc. St. 201-202 Contemp. Civil.....	3	3	3	3
Ed. 201-202 Child and Curric.....	4	3	4	3
Science 201-202 Biology.....	4	3	4	3
Health Ed. 201-202 .....	2	2	.....	.....
English 204 Eng. Lit.....	.....	.....	3	3
Ed. H. 201 Ed. Hand. Children*.....	3	3	.....	.....
Ed. H. 204 Science Sp. & Hearing*.....	.....	.....	3	3
Physical Education Activities.....	2	0	2	0
	21	17	19	15

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 301-302 Child & Currie.....	9	6	.....	.....
Soc. St. 301-302 Amer. Civil.....	3	3	3	3
Physical Education 301-302.....	2	1	2	1
Ind. Arts 303 Elem. Ind. Arts.....	.....	.....	4	3
Geog. 301 Gen. Geog.....	.....	.....	3	3
Eng. 304 American Lit.....	3	3	.....	.....
Eng. 402 Contemp. Lit.....	.....	.....	3	3
Ed. H. 307 Speech Pathology*.....	3	3	.....	.....
Ed. H. 311 Lip Reading*.....	2	2	.....	.....
Ed. H. 324 Sp. Class Method H. of H.*.....	.....	.....	4	3
	22	18	19	16

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 401 Practicum (Gen. Elem.).....	16	8	.....	.....
Ed. H. 403 Practicum (H. of H.)*.....	14	7	.....	.....
Ed. 402 Seminar Elementary School Teaching.....	.....	.....	3	3
Geog. 402 Gen. Geog.....	.....	.....	3	3
Soc. St. 402 Sociology.....	.....	.....	3	3
Health Ed. 402.....	.....	.....	2	2
Ed. H. 409 Sem. Psych. Hand.*.....	.....	.....	3	3
Ed. H. 422 Audiometry*.....	.....	.....	3	2
	30	15	17	16

\* Leading to certification in the field of hard of hearing children.  
Total special education credit hours—26.



# CURRICULUM FOR THE TRAINING OF TEACHERS OF MENTALLY RETARDED CHILDREN

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 101-102 Comp. & Speech.....	3	3	3	3
Soc. St. 101-102 Hist. of Civil.....	3	3	3	3
Ed. 101-102 Child Devel.....	4	3	4	3
Art 101-102 Essen. of Art.....	3	2	3	2
Music 101-102 Essen. of Music.....	3	2	3	2
Physical Education Activities.....	2	0	2	0
Science 101 Physical Science.....	.....	.....	4	3
Math. 101 Intro. to Math.....	3	3	.....	.....
	21	16	22	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 201 Adv. Written Comp.....	3	3	.....	.....
Soc. St. 201-202 Contemp. Civil.....	3	3	3	3
Ed. 201-202 Child and Curric.....	4	3	4	3
Science 201-202 Biology.....	4	3	4	3
Health Ed. 201-202.....	2	2	.....	.....
English 204 Eng. Lit.....	.....	.....	3	3
Ed. H. 201 Ed. Hand. Children*.....	3	3	.....	.....
Ind. Arts 303 Elem. Ind. Arts.....	.....	.....	4	3
Physical Education Activities.....	2	0	2	0
	21	17	20	15

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 301-302 Child & Curric.....	9	6	.....	.....
Soc. St. 301-302 Amer. Civil.....	3	3	3	3
Phys. Ed. 301-302.....	2	1	2	1
Geog. 301 Gen. Geog.....	3	3	.....	.....
English 304 Amer. Lit.....	.....	.....	3	3
Eng. 306 Advanced Oral Composition.....	.....	.....	3	3
Ed. H. 304 Pract. Arts Hand.....	4	3	.....	.....
Ed. H. 310 Mental Measurement*.....	.....	.....	3	3
Ed. H. 322 Spec. Class Methods (Ment. Re- tarded)*.....	.....	.....	4	3
	21	16	18	16

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 401 Practicum (Gen. Elem.).....	16	8	.....	.....
Ed. H. 401 Practicum (Ment. Retarded)*.....	14	7	.....	.....
Ed. 402 Sem. Elem. School Teaching.....	.....	.....	3	3
Geog. 402 Gen. Geog.....	.....	.....	3	3
Soc. St. 402 Sociology.....	.....	.....	3	3
Health Ed. 402.....	.....	.....	2	2
English 402 Contemp. Lit.....	.....	.....	3	3
Ed. H. 409 Sem. Psych. Hand.*.....	.....	.....	3	3
	30	15	17	17

\* Leading to certification in the field of education of mentally retarded children.  
Total special education credit hours—22.



# CURRICULUM FOR THE TRAINING OF TEACHERS OF ORTHOPEDICALLY HANDICAPPED CHILDREN

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 101-102 Comp. & Speech.....	3	3	3	3
Soc. St. 101-102 Hist. of Civil.....	3	3	3	3
Ed. 101-102 Child Development.....	4	3	4	3
Art 101-102 Essen. of Art.....	3	2	3	2
Music 101-102 Essen. of Music.....	3	2	3	2
Physical Education Activities.....	2	0	2	0
Math. 101 Intro. to Math.....	3	3	.....	.....
Science 101 Physical Science.....	.....	.....	4	3
	21	16	22	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 201 Adv. Written Comp.....	3	3	.....	.....
Soc. St. 201-202 Contemp. Civil.....	3	3	3	3
Ed. 201-202 Child and Curric.....	4	3	4	3
Science 201-202 Biology.....	4	3	4	3
Health Ed. 201-202 .....	2	2	.....	.....
English 204 English Lit.....	.....	.....	3	3
Ed. H. 201 Ed. of Hand. Children*.....	3	3	.....	.....
Ind. Arts 303 Elem. Ind. Arts.....	.....	.....	3	3
Physical Education Activities.....	2	0	2	0
	21	17	19	15

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 304 Amer. Lit.....	.....	.....	3	3
Ed. 301-302 Child and Curric.....	9	6	.....	.....
Soc. St. 301-302 Amer. Civil.....	3	3	3	3
Phys. Ed. 301-302.....	2	1	2	1
Ed. H. 304 Practical Arts for Hand.....	4	3	.....	.....
Ed. H. 328 Sp. Class Methods (Orth.)*.....	.....	.....	4	3
Ed. H. 307 Speech Path.*.....	3	3	.....	.....
Ed. H. 310 Mental Measurement*.....	.....	.....	3	3
Geog. 301 Gen. Geog.....	.....	.....	3	3
	21	16	18	16

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 401 Practicum (Gen. El.).....	16	8	.....	.....
Ed. H. 407 Practicum (Orthopedic)*.....	14	7	.....	.....
Ed. 402 Seminar Elem. School Teaching.....	.....	.....	3	3
Geog. 402 Gen. Geog.....	.....	.....	3	3
Soc. St. 402 Sociology.....	.....	.....	3	3
Health Ed. 402.....	.....	.....	2	2
Eng. 402 Contemp. Lit.....	.....	.....	3	3
Ed. H. 409 Sem. Psych. Hand.*.....	.....	.....	3	3
	30	15	19	17

\* Leading to certification in the field of education of orthopedically handicapped children.

Total special education credit hours—22.



# CURRICULUM FOR THE TRAINING OF TEACHERS OF PARTIALLY-SIGHTED CHILDREN

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 101-102 Comp. & Speech.....	3	3	3	3
Soc. St. 101-102 Hist. of Civil.....	3	3	3	3
Ed. 101-102 Child Development.....	4	3	4	3
Art 101-102 Essen. of Art.....	3	2	3	2
Music 101-102 Essen. of Music.....	3	2	3	2
Physical Education Activities.....	2	0	2	0
Math. 101 Intro. to Math.....	3	3	.....	.....
Science 101 Physical Science.....	.....	.....	4	3
	21	16	22	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 201 Adv. Written Comp.....	3	3	.....	.....
Soc. St. 201-202 Contemp. Civil.....	3	3	3	3
Ed. 201-202 Child & Curric.....	4	3	4	3
Science 201-202 Biology.....	4	3	4	3
Health Ed. 201-202 .....	2	2	.....	.....
English 204 Eng. Lit.....	.....	.....	3	3
Ed. H. 201 Ed. of Hand. Children*.....	3	3	.....	.....
Ind. Arts 303 Elem. Ind. Arts.....	.....	.....	4	3
Physical Education Activities.....	2	0	2	0
	21	17	20	15

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 301-302 Child and Curric.....	9	6	.....	.....
Soc. St. 301-302 Am. Civil.....	3	3	3	3
Physical Education 301-302.....	2	1	2	1
Geog. 301 Gen. Geog.....	3	3	.....	.....
Eng. 304 American Lit.....	.....	.....	3	3
Ed. H. 301-302 Survey of Eye Cond.*.....	2	2	2	2
Ed. H. 330 Sp. Class Methods (Pant. Sight.)*.....	.....	.....	4	3
Ed. H. 304 Pract. Art for Handicapped*.....	4	3	.....	.....
Eng. 306 Adv. Grad. Comp.....	.....	.....	3	3
	23	18	17	15

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 401 Practicum (Gen. Elem.).....	16	8	.....	.....
Ed. H. 411 Practicum (partially sight.)*.....	14	7	.....	.....
Ed. 402 Seminar in Elem. School Teaching.....	.....	.....	3	3
Geog. 402 Gen. Geog.....	.....	.....	3	3
Soc. St. 402 Sociology.....	.....	.....	3	3
Health Ed. 402.....	.....	.....	2	2
Ed. H. 409 Psych. Hand. Children*.....	.....	.....	3	3
Eng. 402 Contemp. Lit.....	.....	.....	3	3
	30	15	19	17

\* Leading to certification in field of Education of Partially Sighted Children.  
Total special education credit hours—23.



# CURRICULUM FOR THE TRAINING OF TEACHERS OF SPEECH DEFECTIVE CHILDREN

## FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
English 101-102 Comp. and Speech.....	3	3	3	3
Soc. St. 101-102 Hist. Civil.....	3	3	3	3
Ed. 101-102 Child Devel.....	4	3	4	3
Art 101-102 Essen. of Art.....	3	2	3	2
Music 101-102 Essen. of Music.....	3	2	3	2
Physical Education Activities.....	2	0	2	0
Math. 101 Introd. to Math.....	3	3	.....	.....
Science 101 Phys. Science.....	.....	.....	4	3
	21	16	22	16

## SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Eng. 201 Adv. Written Comp.....	3	3	.....	.....
Soc. St. 201-202 Contemp. Civil.....	3	3	3	3
Ed. 201-202 Child & Curric.....	4	3	4	3
Science 201-202 Biology.....	4	3	4	3
Health Education 201-202.....	2	2	.....	.....
English 204 Eng. Lit.....	.....	.....	3	3
Ed. H. 201 Ed. Hand. Children*.....	3	3	.....	.....
Ed. H. 204 Science Speech & Hearing*.....	.....	.....	3	3
Physical Education Activities.....	2	0	2	0
	21	17	19	15

## THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 301-302 Child & Curric.....	9	6	.....	.....
Soc. St. 301-302 Amer. Civil.....	3	3	3	3
Physical Education 301-302.....	2	1	2	1
Ind. Arts 303 Elem. Ind. Arts.....	.....	.....	4	3
Geog. 301 Gen. Geog.....	.....	.....	3	3
English 304 Amer. Lit.....	.....	.....	3	3
Ed. H. 307 Speech Pathology*.....	3	3	.....	.....
Ed. H. 305 Phonetics*.....	3	3	.....	.....
Ed. H. 308 Speech Correction and Clinic*.....	.....	.....	6	3
	20	16	21	16

## FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Credit Hours	Class Hours	Credit Hours
Ed. 401 Practicum (Gen. Elem.).....	16	8	.....	.....
Ed. H. 405 Practicum (Sp. Correc.)*.....	14	7	.....	.....
Ed. 402 Sem. Elem. School Teaching.....	.....	.....	3	3
Geog. 402 Gen. Geog.....	.....	.....	3	3
Soc. St. 402 Sociology.....	.....	.....	3	3
Health Ed. 402.....	.....	.....	2	2
Ed. H. 409 Sem. Psych. Hand.*.....	.....	.....	3	3
Eng. 402 Contemp. Lit.....	.....	.....	3	3
	30	15	19	17

\* Leading to certification in the field of education of Speech Defective Children.  
Total special education credit hours—25.



## Graduate Department

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

### 1. Objectives and nature of graduate work:

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

B. To offer an opportunity to study another form of educational service in preparation for changing to other types of service—e.g., from classroom teaching to administration or *vice versa*.

C. To provide training and experience in the field of educational research in order to foster more highly specialized knowledge in a chosen field.

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

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

### 3. Admission requirements:

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

An approved Bachelors' Degree is a degree from a teachers college accredited by the American Association of Colleges of Teacher Education; or from a teachers college, college or university accredited by the appropriate regional accrediting agency, or on the accredited or approved list of either the state board of education or the state university of the state in which the institution offering the degree is located.

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

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

- Undergraduate scholastic average of 2.30 or higher, except in those cases where extenuating circumstances indicate justifiable modification. In cases where it seems inadvisable to make exception to the undergraduate scholarship requirement, applicants will be advised to prove their fitness for admission to graduate study.
- An acceptable teaching record as determined by a confidential statement from the applicant's Superintendent or Principal.
- Evidence from persons able to judge the applicant's fitness to undertake graduate study.
- Other evaluation measures as may be prescribed by the Graduate Council.

### 4. Application for admission to Graduate Department:

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

B. The application blank and all other data required must be filed in the office of the Director of the Graduate Department *at least one month before* the registration date upon which you wish to begin graduate work.

C. If you do *not* hold your Bachelor's degree from New York State College for Teachers, Buffalo, write to the college which granted your degree and ask that an official transcript be mailed to the Director of Graduate Department, New York State College for Teachers, 1300 Elmwood Avenue, Buffalo 9, N. Y.

### 5. Standards for a graduate degree:

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

B. No graduate degree shall be issued to a student who has not completed a minimum of one years' work *in residence* at New York State College for Teachers at Buffalo. If the residence requirement has been met before the student begins graduate study, not more than one fourth of the total requirement for the Master's Degree (eight hours) may be



transferred as graduate credit from another accredited college or university provided the graduate work presented for transfer fits into the curriculum requirement of the department in which the Master's Degree is to be taken. In any case, the *last sixteen hours* preceding the granting of the Master's Degree must be taken *in residence* at New York State College for Teachers at Buffalo.

C. Five Summer Sessions of six weeks each shall be regarded as the usual period of attendance for the completion of the thirty-two hour requirement for the Master of Education degree. This period of time may be shortened by attendance in the Saturday classes of the Extension department.

D. A regularly employed public school teacher will not be permitted to receive graduate credit for more than four semester hours in one semester of Saturday or Extension courses except with special permission of the Director or by special action of the Graduate Council.

In the Summer Session, a graduate student may be permitted to carry a maximum of one hour of credit per week, that is for two weeks' work he may receive a maximum of two (2) credits; for six weeks' work, six (6) credits; for eight weeks' work, eight (8) credits.

E. No credits towards the attainment of the graduate degree shall be recognized after the lapse of seven years. A candidate for the Master's Degree shall satisfy all the prescribed requirements for said degree within six years from the date of matriculation.

F. Not more than eight semester hours or its equivalent shall be taken in "off campus" Extension classes.

#### 6. Admission to candidacy:

Admission to candidacy for the degree is dependent upon:

- A. The completion of at least six semester hours in graduate courses.
- B. A cumulative average of "B" in courses accepted for graduate credit. No courses in which a mark of "D" is received will be accepted for graduate credit. Not more than nine (9) semester hours of "C" work will be accepted towards a degree.
- C. A recommendation from the adviser of the candidate.
- D. A comprehensive written or oral examination may be required upon the recommendation of the adviser or the Admissions Committee.

#### 7. Elementary Teaching Certification for Liberal Arts College Graduates:

Due to the extreme shortage of elementary teachers, the State Education Department has approved a plan whereby college graduates holding the Bachelor of Arts Degree, may complete a minimum of 24 semester hours in professional courses in elementary education plus

six hours of additional work on the graduate level, and be entitled to a permanent certificate to teach in the elementary grades after 5 years of successful teaching experience.

This program has been inaugurated to help relieve the current teacher shortage. It has been planned so that interested college graduates may register in the Graduate Department for Saturday Extension courses and Summer Sessions.

If the student wishes to complete the requirements for the Master's Degree in Education, he may do so by taking additional hours of approved graduate study. All college graduates who are interested in this program for certification in elementary school teaching, should secure application blanks and complete instructions for registration as soon as possible. Write to Dr. Robert E. Albright, Director of the Graduate Department, New York State College for Teachers, Buffalo 9, New York, for the necessary information.

The following is the curriculum in professional courses for certification of Liberal Arts Graduates.

#### Intermediate and Upper Grade Group

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

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#### Kindergarten-Primary Group

Workshop in Elementary Education	6 Sem. Hrs.
Kindergarten Education	3 Sem. Hrs.
Psychology of the Pre-School Child	3 Sem. Hrs.
Seminar in Elementary School Problems (Emphasis on Language Arts, Science, Mathematics)	3 Sem. Hrs.
Creative Arts Workshop (Music and Art for teaching of young children)	3 Sem. Hrs.
Workshop in Child Development	6 Sem. Hrs.

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### GRADUATE CURRICULA

#### (1) GENERAL ELEMENTARY

##### (A) For the elementary teacher:

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

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(B) For the elementary principal or supervisor:

- 6 Semester Hours—Workshop in Elementary Education.
- 6 Semester Hours—Seminar in Elementary Administration and Supervision.
- 6 Semester Hours—English and/or Social Studies.
- 2 Semester Hours—Academic electives.
- 4 Semester Hours—Thesis.
- 8 Semester Hours—Unrestricted electives.

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## (2) HOME ECONOMICS EDUCATION

Total requirements: 32 semester hours

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

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

## (3) INDUSTRIAL ARTS EDUCATION

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

Total requirements: 32 semester hours.

## (4) ART EDUCATION

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

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

## (5) EDUCATION FOR HANDICAPPED CHILDREN

### A. Education of Mentally Retarded Children:

- Ed. H. 501. Workshop in Education of Mentally Retarded Children 6 Sem. Hrs.
- Ed. H. 511. Seminar in Education of Mentally Retarded Children 3 Sem. Hrs.
- Ed. H. 521. Guidance of Mentally Retarded Children 3 Sem. Hrs.
- Ed. H. 531. Thesis 4 Sem. Hrs.
- English and/or Social Studies as required by Graduate Department 6 Sem. Hrs.
- Academic elective as prescribed by the Graduate Department 6 Sem. Hrs.
- Unrestricted elective 4 Sem. Hrs.

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### B. Education of Orthopedically Handicapped Children:

- Ed. H. 502. Workshop in Education of Orthopedically Handicapped Children 6 Sem. Hrs.
- Ed. H. 512. Seminar in Education of Orthopedically Handicapped Children 3 Sem. Hrs.
- Ed. H. 522. Guidance of the Orthopedically Handicapped 3 Sem. Hrs.
- Ed. H. 532. Thesis 4 Sem. Hrs.
- English and/or Social Studies as required by the Graduate Department 6 Sem. Hrs.
- Academic elective as prescribed by the Graduate Department 6 Sem. Hrs.
- Unrestricted elective 4 Sem. Hrs.

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### C. Education in Speech Correction:

Ed. H. 503. Speech Correction and Clinic	3 Sem. Hrs.
Ed. H. 513. Seminar in Speech Science	3 Sem. Hrs.
Ed. H. 523. Applied Phonetics	3 Sem. Hrs.
Ed. H. 533. Seminar in Speech Pathology	3 Sem. Hrs.
Ed. H. 534. Thesis	4 Sem. Hrs.
Ed. H. 535. Mental Measurement	2 Sem. Hrs.
Unrestricted Elective	2 Sem. Hrs.
English and/or Social Studies as required by the Graduate Department	6 Sem. Hrs.
Academic electives as prescribed by the Graduate Department	6 Sem. Hrs.

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### D. Education of Hard of Hearing Children.\*

### E. Education of Partially-sighted Children.\*

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

For information regarding the graduate program of any of the special departments, admission requirements, date of class sessions, registration dates and class schedules, write to the Director of the special department, or to Dr. Robert E. Albright, Director of the Graduate Department, New York State College for Teachers, 1300 Elmwood Avenue, Buffalo 9, N. Y.

## DESCRIPTION OF COURSES

### EXPLANATION OF COURSE NUMBERS

All credit courses have three figure numbers. Courses numbered below 100 are non-credit remedial courses. Graduate courses are numbered 500 and above. Those numbered from 100 to 199 are primarily freshmen courses; those from 200 to 299 primarily sophomore courses; those from 300 to 399 primarily junior courses; those from 400 to 499 primarily senior courses.

### ELECTIVE COURSES

All curricula offered by the college permit students to select elective courses. The number of semester hours elective credit varies among the departments. In general the electives are offered only to the upper classes; sophomore, junior, and senior. Tentative elective courses are listed for each department and are subject to change or cancellation in accordance with changing demands or circumstances. Students should confer with faculty advisers in choice of electives.

### ART EDUCATION

Director Czurlies; Professors Hubler, Smay; Assistant Professors Conant Heyman, Klute (acting), Meibohm, Winebrenner (on leave); Mr. Dakin, Miss Fedigan, Mrs. Karcher, Mr. Truesdale.

**101-102. Essentials of Art.** Fundamental principles and techniques of art. 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 each semester. Credit: four semester hours.

**103-104. Basic Drawing I and II.** Study of the representation of form through surface modeling, through analysis of light on surface, and through the use of expressive contour line. Pencil, crayon, brush and pen. Required of all Art Education freshmen. Five hours per week each semester. Credit: Five semester hours.

**105. Perspective I.** Study of linear perspective as a method of representing position and light in space. Required of all Art Education freshmen. Three hours a week. Credit: one and one-half semester hours.

**\*107-108. Principles of Art I and II.** Lectures and discussions of fundamental art concepts for the purpose of orientation. Required of all Art Education freshmen. Two hours per week each semester. Credit: two semester hours.

\* Albright Art School courses.



**111-112. Essentials of Industrial Arts Design.** Basic techniques of drawing, lettering, design planning. Fundamental principles of structural and decorative design and their application in handicraft and industrial production. Selection and appraisal of objects of artistic merit. The practical application of design in the various materials and processes of the industrial arts program. Original design of shop projects. Required of Industrial Arts freshmen. Three hours per week each semester. Credit: four semester hours.

**\*114. Figure I. Fundamentals of Figure Drawing.** Introduction to figure proportion, spatial relationship, and to the nature of figure action. From the clothed and nude model. Required of all Art Education freshmen. Three hours per week. Credit: one and one-half semester hours.

**\*115-116. Fundamentals of Design I and II.** Development of general design principles through the use of three-dimensional materials and through the recreation of three-dimensional organizations in terms of drawing and painting. Theoretical and empirical study of color. Application of general principles to practical problems. Required of all Art Education freshmen. Five hours per week each semester. Credit: five semester hours.

**117. Introduction to Art Education.** The function of Art in American life and education. Educational objectives, programs, tests and measures, related writings. Required of all Art Education freshmen. Three hours per week. Credit: three semester hours.

**204. Perspective II. Advanced perspective.** Various approaches to the problems of perspective and their application in practice. Required of all Art Education sophomores. Three hours per week. Credit: one and one-half semester hours.

**205. Design in Form.** Modeling in clay and carving in stone, wood, and hard plaster with emphasis on plastic organization. Required of all Art Education sophomores. Six hours per week. Credit: three semester hours.

**\*206. Water-color Painting.** Still life, figure sketch and landscape. Required of all Art Education sophomores. Six hours per week. Credit: three semester hours.

**\*207. Design in Lettering.** Free hand lettering and sign writing. Letter structure and spacing, commercial layout. Required of all Art Education sophomores. Three hours per week. Credit: one and one-half semester hours.

**\*210. Costume Design.** Principles of taste in contemporary dress. Tradition and function in costuming. Required of Art Education sophomores. Three hours per week. Credit: one and one-half semester hours.

**212. Elementary Crafts.** Simple constructions and decorations suitable for the elementary school. Various materials—paper, cardboard, papier mache, cloth, wood, clay and others. Required of all Art Education sophomores. Four hours per week. Credit: two semester hours.

**\*213. Figure II.** Study of the clothed and nude model. Interpretation in various media, and from various points of view. Human and animal anatomy, psychological gesture, action, composition. Required of all Art Education sophomores. Six hours per week. Credit: three semester hours.

\* Albright Art School courses.

**\*214. Figure III.** The figure used as a basis for personally creative expression. Required of all Art Education sophomores. Three hours per week. Credit: one and one-half semester hours.

**221. Essentials of Home Arts.** Basic techniques of drawing, coloring, lettering. Fundamental principles of structural and decorative design and their application in the immediate environment. Required of Home Economics sophomores. Four hours per week. Credit: three semester hours.

**301-302. History of Art I and II.** Survey of the historic development of the visual arts from prehistoric to contemporary times. Illustrated lectures, gallery visits, required readings and discussion. Required of Art Education juniors, elective for General Elementary students. Three hours per week each semester. Credit: six semester hours.

**303-304. Pictorial Design I and II.** A study of picture structure in line, values, implied space and color. Fundamentals of form representation and creative expression using oil paint and other media. Required of all Art Education juniors. Six hours per week each semester. Credit: six semester hours.

**\*305. Functional Design.** Design concepts applied to projects encountered by the school art teacher, such as year book supervision, stage design, school publicity, etc. Required of all Art Education juniors. Nine hours per week. Credit: four and one-half semester hours.

**\*306. Processes and Techniques.** Experiments in reproduction methods as used in art education. Stencil, block printing, silk screen. Industrial reproduction methods. Required of all Art Education juniors. Six hours per week. Credit: three semester hours.

**\*308. Interior Design.** Design principles as applied to problems of home decoration and furnishing. Simple models and renderings. Required of all Art Education juniors. Three hours per week. Credit: one and one-half semester hours.

**311. Elementary School Art Curriculum.** The development and organization of art education in the elementary school. Required of all Art Education juniors. Three hours per week. Credit: two semester hours.

**312. Secondary Art Curriculum.** The organization, selection and presentation of subject matter in junior and senior high school. Required of all Art Education juniors. Three hours per week. Credit: two semester hours.

**313. Art in Everyday Life.** The practical application of the principles of art in personal grooming and dress, in the selection of home furnishings, and in display arrangement. An approach to art from the standpoint of the consumer. Study of use of art in industry, business, civic affairs, and entertainment. Elective. Not open to Art Education majors. Three class hours a week. Three semester hours credit.

\* Albright Art School courses.



**314. Drawing.** Drawing in advance of that offered in Art Essentials courses. Drawing as used in lecturing and teaching, development of visual aids, and object and arrangement planning. Quick sketching and detailed representation of form and shading on blackboard, paper, and other media, decorative and interpretative drawing. Selection of drawing content and treatment according to individual fields of interest. Elective. Not open to Art Education majors. Six class hours per week. Credit: three semester hours.

**315. School Stage Crafts.** Practical experience with class and auditorium stage problems that confront non-art teachers in elementary and secondary schools. Technical and art problems of various kinds of scenery construction, painting, and lighting. Emphasis on inexpensive home and school-built equipment. Study and working out of problems through manipulation of forms and elements on model stage. Stage design for puppetry. Elective. Not open to Art Education majors. Six class 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 all Home Economics juniors. Four hours per week. Credit: three semester hours.

**400. Workshop in Crafts.** Studio course in various crafts including leather work, metal work, ceramics and jewelry. Class and individual instruction with considerable election as to the projects to be undertaken. Elective. Six hours per week. Credit: three semester hours.

**402. Advanced Craft.** Designing, constructing and decorating in various materials suitable for secondary schools: textiles, leather, ceramics and metal. Required of all Art Education seniors. Eight hours per week. Credit: four semester hours.

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

**404. Elementary Practice Teaching and Seminar.** Practice teaching in assigned elementary schools four full days per week under supervision. One day seminar discussion and preparation. Required of all Art Education seniors. One half semester. Credit: seven and one-half semester hours.

**405. Secondary Practice Teaching and Seminar.** Practice teaching in assigned secondary schools four full days per week under supervision. One day seminar discussion and preparation. Required of all Art Education seniors. One half semester. Credit: seven and one-half semester hours.

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

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

**421. Art Appreciation.** Understanding the Arts. Interpretation of art as the expression of traditional and functional influences. Study of selected historic masterpieces in architecture, sculpture, painting and the minor arts. Gallery visits, lectures and readings. Required of all Home Economic seniors, elective for General Elementary students. Four hours per week. Credit: three semester hours.

## GRADUATE COURSES IN ART EDUCATION

**501. Workshop in Art Education Materials, Processes, and Procedures.** Activities and experiments with various materials, processes and procedures in art, to consider their application in the various areas of educational development. Class and individual analysis and experiment with those materials and processes which will have greatest significance in the particular community, school, and group of individuals one handles; in the solution of specific problems encountered; or in effecting new developments in the school program. Credit: three semester hours.

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

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

**504. Seminar in Art in Human Affairs.** Understanding of art activity as a dynamic force in the affairs of an individual and a society. The psychology of creative activities, their significance throughout the life of an individual,



and, from prehistoric to modern times. Creative activity as a way of clarifying thought, giving visible form to ideas, ideals and beliefs, attaining control of emotions, and creating settings for the exercise, development and propagation of individual and group attitudes, beliefs, ceremonials and practices. Special emphasis on how art functions in our present way of living and thinking. Credit: two semester hours.

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

**506. Seminar in History of Art—Contemporary Movements in Art.** Study of the development and character of contemporary trends in the arts of painting, sculpture, graphic arts, architecture, industrial and commercial art, and handicrafts. Understanding of similar trends in the other art fields of music, drama, literature, etc. Lectures, readings, experiments and demonstrations with materials and techniques; visits to Galleries, artists' studios; moving pictures, plays, concerts; editing of local historical works; other scholarly research. Credit: two semester hours.

**507. Graduate Studio in Drawing, Painting, Graphic Arts.** Opportunity for individual work in a variety of media. Concentration or spread of experience among these to be determined for each individual according to his background and needs. Studio and outdoor problems, field and gallery trips; visits to artists' studios, commercial art houses and departments. Credit hours by arrangement.

**508. Graduate Studio in Design and Spatial Organization.** Opportunity for individualized work in designing with paint and materials. Specialization may be in commercial designing of textiles, wall paper, etc.; lay-out for publications; home planning and furnishing; stage design, industrial design; or other functional or decorative art. Credit hours by arrangement.

**509. Graduate Studio in Crafts.** Opportunity for individualized work in textiles, jewelry, leather, woodcarving, sculpture, plastics, pottery and metal. Credit hours by arrangement.

**510. Special Projects.** In addition to opportunities for special research along a particular line of one's specialization, advantage may be taken of the fact that the College is located in a metropolitan area; that the area has as residents, nationally and internationally known artists and craftsmen; that it has the Albright and private Art Galleries, art and dramatics schools, commercial art establishments, designing departments in business and industry, and other institutions making important daily use of art. Credit hours by arrangement.

## EDUCATION

Professors Hertzberg, Bradley, Crayton, Pugsley, Sloan, Steel; Assistant Professors Bruce, Jamison, Lange, O'Brien, Steuber; Mrs. Burrell, Mrs. Eddins, Miss Irwin, Miss Martorana, Mrs. Neuthardt, Mrs. Penn.

**101-102. Child Development.** Aims to develop a scientific attitude toward the study and interpretation of human behavior. Discussion of 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. Directed observation. Required of all General Elementary Art Education, and Home Economics freshmen. Three hours per week; one hour additional when observing. Each semester. Credit: six semester hours.

**201-202. The Child and the Curriculum I.** Topics: Scope of the elementary school; sociological background of the school; nature and meaning of the curriculum; objectives of elementary education; curriculum sources; guides to the areas of curriculum content; theoretical explanations of child learning; physiological and psychological factors affecting learning; course of improvement in learning; aids to effective learning; transfer of training; the teaching of reading. Directed observation and participation. Required of all General Elementary sophomores. Prerequisite: Ed. 101-102. Three hours per week; one additional hour when observing. Each semester. Credit: six semester hours.

**203. Educational Psychology.** Aims to develop a scientific attitude in studying and interpreting educational problems relating to human growth and development. Discussion of the interaction of heredity, environment, and maturation in producing physical, motor, mental, emotional, social and moral differences in individuals; expressing statistically likenesses and differences in individuals; problems of maladjustment; nature and characteristics of learning; how learning should be directed and controlled; attention; fatigue; transfer of training; use of measurement in evaluating human development and learning. Directed observation. Required of all Industrial Arts sophomores. Three hours per week; one hour additional when observing. First semester. Credit: three 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 through the eighth. The instruction given by the staff is supplemented by that given by college specialists in the fields of art, music, physical education, home economics, and industrial arts, mathematics, and history. The school has a reputation for modern educational policies and procedures and for excellent care of its pupils. As a result, the school has a waiting list of applicants for admission.

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

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

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

**402. Seminar in Elementary School Teaching.** An attempt is made to guide the student to integrate and to extend the experiences of the education sequence and focus these experiences on the professional character of teaching. Major problems to be considered are: (1) the place of science and philosophy in elementary school teaching, and (2) special problems of the classroom teacher in the State of New York. The central aim is to develop ability and willingness to use appropriate study habits and scientific methods of research in solving educational problems in a democratic society. Required of all General Elementary seniors. Prerequisites: Ed. 101-102, 201-202, 301-302. Each semester. Credit: three semester hours.

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

### UNDERGRADUATE 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.

### 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. Further requirements for this specialization include Children's Literature and one elective course in creative arts or science. The description of the seminar follows:

**306. 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 to six year old children. The child-parent-community relationships for this age level is 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. Each semester. Two hours per week. Credit: two semester hours.

**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 one hour per week. Each semester.

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

**305. Music for Children.** Consult section on music.



## GRADUATE COURSES

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

**501. Seminar in Elementary Education.** An attempt is made to guide the graduate student to increase his abilities to use scientific educational research in solving problems in elementary education. Problems which will be considered are: (1) the nature of scientific educational research and (2) special problems selected by individual students from the area of elementary education. Required of students registered for the degree of Master of Education. Eight class hours per week. Credit: three semester hours.

**502. Supervision of the Elementary School.—Instructional Leadership of Teachers.** The objective of this course is to comprehend the work of the principal as a professional leader of teachers. Building an educational philosophy for the school; the principal in relation to other administrative and supervisory officers; class room visitation and the analysis of teaching and learning; supervisory conferences, teachers' meetings, curriculum building, demonstration teaching, directed observations, programs of testing and evaluation in terms of school objectives. Open to principals, supervisors, experienced teachers, and to others especially qualified. Those who have passed Ed. 442 may not register for this course. Three hours per week. Credit: three semester hours.

**503. Elementary School Principalship A.—Organizing the School and the Curriculum.** The general objective of this course is to see how the principal functions as he builds the organization framework through which the planned curriculum is realized. Problems in planning a curriculum for all aspects of child life; studying the community; current plans for organizing the whole school and its resources, both curricular and extra curricular; assignment of teachers and pupils; policies of classification and promotion; problems in scheduling and office organization. This course may either precede or follow the Elementary School Principalship B. Open to principals, supervisors, experienced teachers, and others especially qualified. Those who have passed Ed. 440 may not register for this course. Three hours per week. Credit: three semester hours.

**504. Elementary School Principalship B.—Operation of the Elementary School.** The objective of this course is to develop an understanding of, and ways of meeting the day-to-day problems of the old school as its curriculum operates. The principal as the executive of the School Board and Superintendent; State aid and school budgeting; equipping the school plant; obtaining and using supplies and texts; movement of the children; policies and programs in using the school facilities; special services for special needs; resolving pupil maladjustment; making and using records; acceleration and

retardation; evaluating the effectiveness of the school organization; school building standards; community leadership. This course may either precede or follow Elementary School Principalship A. Open to supervisors, principals, experienced teachers, and others especially qualified. Those who have passed Ed. 441 may not register for this class. Three hours per week. Credit: three semester hours.

**505. Evaluation Techniques in the Elementary School.** The development of a philosophy of guiding principles in the appropriate use of instruments for evaluating the educational growth of pupils and in studying educational problems; the construction of valid and reliable, informal objective and essay type tests and how to use them properly as instructional aids; the organization of an adequate program of evaluation in terms of instructional objectives; the selection, administration and scoring of appropriate measuring instruments for evaluating and diagnosing the mental abilities, educational achievements and personality characteristics of pupils; the use of appropriate, statistical concepts and methods in handling and interpreting data; the organization of remedial programs based on the results of evaluation. Elective. Credit: three semester hours.

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

**507. General School Administration.** Deals with the fundamental principles of school administration. Topics treated; historical beginnings of school administration; national, state, and local responsibility for education; district, township, and county units for school administration; nature and functions of boards of education; school services such as health, supervision, research, library, attendance, etc.; selection, salary, and tenure of teachers and their growth in service; school building programs. For properly qualified graduate students. Two hours per week. Credit: two semester hours.

**508. Supervision of Student Teaching.** A course for elementary school critics consisting of lectures, discussion, prepared papers and readings. Topics: Directing lesson planning, unit planning, developing good procedures through observation and participation, teacher-student conferences, developing desirable teacher-pupil relationships, relating student teaching to other college and community experiences, evaluating student strengths and needs, principles of supervision, the responsibilities of a critic teacher. Dr. Steel and staff. Credit: two semester hours.

## EDUCATION OF HANDICAPPED CHILDREN

Professor Fouracre: assistant professor Jann.

**201. Orientation in the Education of Handicapped Children.** A general survey of the characteristics of atypical children; their incidence; their



mental, social and vocational adjustment. The principles of educating the blind, the cardiopathic, the deaf, the hard of hearing, the lowered vitality, the mentally retarded, the orthopedically handicapped, the partially-sighted, the reading defective, the speech defective, the epileptic, and the socially maladjusted. This course is required of those students desiring certification in education of handicapped children. It may be taken as an elective and is open to all upper-classmen. Offered both semesters. Three hours a week. Credit: three semester hours.

**204. Science of Speech and Hearing.** The study of the anatomy and physiology of the ear and the organs of speech beginning with the embryological development. Principles of physics involved in the production and reception of spoken language. Required for students majoring in education of hard of hearing and speech correction. Offered second semester. Three times a week. Credit: three semester hours.

**301. Survey of Eye Conditions.** Consideration and attention given to ocular problems, including the anatomy, physiology and hygiene of the eye together with a study of common eye diseases and refractive errors. Required for students majoring in education of partially-sighted children. Two hours a week. Credit: two semester hours.

**302. Survey of Eye Conditions.** Continuation of Ed. H. 301. Required for students majoring in education of partially sighted children. Prerequisite Ed. H. 301. Two hours a week. Credit: two semester hours.

**304. (I. A. 304) Practical Arts for the Handicapped.** Study and participation in arts and crafts activities that can be carried on with handicapped children in the special class room. Required for students majoring in education of mentally retarded, orthopedically handicapped, and partially-sighted children. Prerequisite: I. A. 303. Four hours a week. Credit: three semester hours.

**305. Introduction to Phonetics.** Basic course dealing with the production and representation of English (American) speech sounds. The application of phonetics to the correction of deviations in children's speech. Required for students majoring in speech correction. Offered first semester. Three times a week. Credit: three semester hours.

**307. Speech Pathology.** Physiological and psychological aspects of organic and functional speech problems. Observation and treatment of minor speech disorders. Required for students majoring in speech correction, education of hard of hearing and orthopedically handicapped children. Offered first semester. Three times a week. Credit: three semester hours.

**308. Speech Correction and Clinic.** Clinic diagnosis and treatment of more severe speech defects. Required for students majoring in speech correction. Prerequisite: Ed. H. 307. Offered second semester. Six times a week. Credit: three semester hours.

**310. Mental and Educational Measurement.** Study of construction, use and interpretation of mental and educational achievement tests. Required for students majoring in education of mentally retarded and orthopedically handicapped children. Offered second semester. Three times a week. Credit: three semester hours.

**311. Lip Reading.** The technique of teaching hard of hearing children to communicate through lip reading. Required for students majoring in education of hard of hearing children. Offered first semester. Twice a week. Credit: two semester hours.

**322. Methods of Teaching Mentally Retarded Children.** Underlying principles of organization of a school program for mentally subnormal children. Means of selecting and evaluating suitable group and individual activities. Observation of classes for mentally retarded children. Required for students majoring in education of mentally retarded children. Offered second semester. Four times a week. Credit: three semester hours.

**324. Methods of Teaching Hard of Hearing Children.** Underlying principles of organizing a school program for hard of hearing children. Means of selecting and evaluating suitable group and individual activities for the teaching of basic school subjects. Observation of classes for the hard of hearing. Required for students majoring in education of hard of hearing children. Offered second semester. Four times a week. Credit: three semester hours.

**328. Methods of Teaching Orthopedically Handicapped Children.** Underlying principles of organizing a school program for orthopedically handicapped children. Means of selecting and evaluating suitable group and individual activities for the teaching of basic school subjects. Observations of special classes for the crippled child. Required for students majoring in the education of orthopedically handicapped children. Offered second semester. Four times a week. Credit: three semester hours.

**330. Methods of Teaching Partially-sighted Children.** Underlying principles of organizing a school program for partially-sighted children. Adaptation of program, choice and use of sight-saving materials. Observation of classes for partially-sighted children. Required of students majoring in education of partially-sighted children. Offered second semester. Four times a week. Credit: three semester hours.

**401. General Elementary Practicum in Teaching\*.** Teaching in a regular elementary school under supervision, conferences on teaching problems. First half of the first semester of the senior year. All day, first four days of the week. Individual conference on the fifth day. Credit: Eight semester hours.

**401. Practicum in Teaching Mentally Retarded Children.** Practice teaching under supervision in a special class for children with retarded mental development. Second half of the first semester of the senior year. Prerequisite: Education 401, to be taken during the first half of the first semester of the senior year. All day, first four days of the week. Individual conferences on the fifth day. Credit: seven semester hours.

**403. Practicum in Teaching Hard of Hearing Children.** Practice teaching under supervision in a special class for children who are hard of hearing. Second half of the first semester of the senior year. Prerequisite: Education 401, to be taken during the first half of the first semester of the senior year.

\* Required of all students enrolled in the Department of Education for Handicapped Children.



All day, first four days of the week. Individual conferences on the fifth day. Credit: seven semester hours.

**405. Practicum in Speech Correction.** Student assigned to a public school speech correctionist and works under supervision. Second half of the first semester of the senior year. Prerequisite: Education 401 which should be taken during the first half of the first semester of the senior year. All day, first four days of the week. Individual conferences on fifth day. Credit: seven semester hours.

**407. Practicum in Teaching Orthopedically Handicapped Children.** Practice teaching under supervision in a special class for orthopedically crippled children. Second half of the first semester of senior year. Prerequisite: Education 401 which should be taken during first half of first semester of senior year. All day, first four days of the week. Individual conferences on fifth day. Credit: seven semester hours.

**409. Psychology of Handicapped Children.** The psychology of all types of handicapped children will be studied. Test materials; their use and interpretation, clinical visits, visiting consultants and case studies will be utilized as approaches to the course. Offered Second semester. Three times a week. Credit: three semester hours.

**411. Practicum in Teaching Partially-sighted Children.** Practice teaching under supervision in a special class for children with low vision. Second half of the first semester of the senior year. Prerequisite: Education 401 which should be taken during the first half of the first semester of the senior year. All day, first four days of the week. Individual conferences on fifth day. Credit: seven semester hours.

**422. Audiometry.** The study and measurement of hearing. The administration of individual and group audiometric examinations. Technique of interpreting audiograms. Offered second semester. Two hours a week. Credit: two semester hours.

## GRADUATE COURSES

**501. Workshop in Education of Mentally Retarded Children.** Observation and individual participation in a class for mentally defective children. Group discussions and experimentation in techniques and materials used in this type of special class. Summer Session. Credit: six semester hours.

**502. Workshop in Education of Orthopedically Handicapped Children.** Observation and individual participation in class for orthopedically handicapped children. Understanding and use of techniques and materials for academic and non-academic curriculum. Class discussions and reports. Summer Session. Credit: six semester hours.

**503. Speech Correction and Clinic.** Observation and individual participation in speech clinic. Diagnosis and therapy of severe speech disorders. Summer Session. Credit: three semester hours.

**511. Seminar in Education of Mentally Retarded Children.** Problems of class organization, grouping and curriculum. Educational psychology for the retarded. Psychological tests and their interpretation. Second semester. Credit: three semester hours.

**512. Seminar in Education of Orthopedically Handicapped Children.** Problems of class organization, grouping and curriculum. Educational psychology for the crippled. Psychological tests and their interpretation. First semester extension. Credit: two semester hours.

**513. Seminar in Speech Science.** Anatomy, physics and physiology of speech. Lectures, reading, demonstrations and experimentation. Summer session. Credit: two semester hours.

**520. Speech Correction for Elementary School Teachers.** Types and causes of speech defects and disorders found in elementary school children. Methods of treatment of minor disorders by the classroom teacher. Some phonetics and speech science. Observation of children presenting various speech problems. First semester extension. Credit: two semester hours.

**521. Guidance of Mentally Retarded Children.** Study of educational, mental, social and vocational guidance of mentally retarded. Job analyses and occupational education. Specialists from fields allied with education and guidance. First semester extension. Credit: two semester hours.

**522. Guidance of the Orthopedically Handicapped.** Understanding of the crippled from the medical aspect—causes and incidence of crippling condition—vocational guidance. Physicians, social workers, employers and other specialists. Second semester extension. Credit: two semester hours.

**523. Applied Phonetics.** Advanced course dealing with the application of phonetics to the teaching of General American Speech in the Secondary and Elementary School, to the teaching of speech to the deaf, and to the field of speech correction including foreign dialect. Second semester extension. Credit: two semester hours.

**531. Thesis.** Investigation and reporting on an individual and original problem or project in the field of students' specialization. Credit: four semester hours.

**533. Seminar in Speech Pathology.** Analysis of speech disorders with a presentation of typical cases. Readings of current literature. Discussion of research. First semester extension. Credit: two semester hours.

**535. Mental Measurement.** Study of presentation, use and interpretation of mental and performance tests. Demonstrations. Student participation in giving psychometric examinations. Second semester extension. Credit: two semester hours.

## ENGLISH

Professors Bradford, Gronewold; Assistant Professors Cochnower, Drew, Fried, Ganey, Goosen, Grabau; Mrs. Bradford, Miss Gallagher, Miss Norenberg, Mr. Schuck.

**101. English Composition.** A study of the principles of clear and effective writing as applied to the sentence, the paragraph and the whole composition. Practice in the various types of writing with emphasis on exposition. Attention to the problems of note-taking, the use of dictionaries, vocabulary building and the research paper. Required of all freshmen. Each semester. Credit: three semester hours.



102. **Fundamentals of Speech.** Study of voice and diction and the general principles of speaking and reading. The phonetic alphabet, detailed analysis of articulation, voice recordings.

201. **Advanced Composition.** A further study of language usage and the art of writing. Practice in the organization of short and long papers. Attention to the development of individuality of thought and expression.

202. **Public Speaking.** Speech as a total bodily activity; the psychology of the speaker-audience relationship; the collection and organization of speech materials; criteria of successful speech. Required of all Home Economics and Industrial Arts sophomores. Each semester. Credit: three semester hours.

203. **Modern Drama.** A study of the chief modern dramatists of Continental Europe, England and America from Ibsen to the present time. Three hours each week. Credit: three semester hours.

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

205. **General Literature.** A study of literary masterpieces of Western Civilization. Readings include English and American poetry and prose and translations from the Greek, Latin, French, German and Russian. Required of all Art Education sophomores. Credit: three semester hours.

210. **Children's Literature.** Study of the types of children's literature—folklore, modern informative material, fiction, biography and poetry. Attention to principles of book selection, illustrations, format of books, reading interests of children, story telling, and preparation of bibliography. Elective for sophomores, juniors and seniors. Each semester. Credit: three semester hours.

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

304. **American Literature.** The major writers of our country from colonial to recent days—Edwards, Franklin, Emerson, Thoreau, Hawthorne, Poe, Whitman, Mark Twain, to Emily Dickinson. Required of General Elementary juniors. Each semester. Credit: three semester hours.

305. **Late Nineteenth Century Literature.** British, French, and American transitional literature of the late nineteenth century, with special attention to the reaction against Victorianism in England, the Aesthetic Movement, Impressionism and Symbolism, the Realists, and the Irish Literary Renaissance. Elective. Credit: three semester hours.

306. **Advanced Speech.** A course related to speech activities in the practice teaching situation. Units of work covering a study of articulatory problems, the presentation of informative talks, poetry, reading, story-telling. Required of all General Elementary juniors. Each semester. Credit: three semester hours.

307. **The Literature of the Bible.** Selected writings of the Old and New Testaments studied as literature. Rhetorical and poetic aspects of Biblical poetry and prose. Influence of Biblical translations on the English language. Elective for juniors and seniors. Credit: three semester hours.

314. **General Literature II.** A continuation of English 205. Required of all Art Education juniors. Credit: three semester hours.

330. **Poetry Appreciation.** A course designed to promote reading for pleasure and to develop enthusiasm for poetry. Oral reading of poems with explanation of matters of interest pertaining to the poems. Formal critical essays on poetry are studied. Elective for sophomores, juniors and seniors. Credit: three semester hours.

335. **The American Novel Before 1900.** The reading of representative novels of Cooper, Hawthorne, Melville, Clemens, James and Howells.

402. **Contemporary Literature.** British and American Literature of the twentieth century, with emphasis upon poetry, the novel and the drama. Required of all General Elementary seniors. Each semester. Credit: three semester hours.

405. **The Essay.** Historical background of the essay; development of types and their influence on public opinion. 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.** An examination of the great English novels of the nineteenth century both as works of art and as reflection of the social interests of the time. Elective for juniors and seniors. Credit: three semester hours.

407. **Romantic Movement.** A study of romantic poetry and prose from their beginnings in the late eighteenth century down to 1832. Particular attention is given to Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, the critics of the period, and the development of the magazines. Elective for sophomores. Credit: three semester hours.

408. **Short Stories.** Selections from Poe, Kipling, Bert Harte, O. Henry, Thomas Hardy, Samuel Butler and other significant writers. Elective for juniors or seniors. Credit: three semester hours.

415. **Shakespeare I.** An interpretive and appreciative study of representative comedies and tragedies, including *As You Like It*, *Twelfth Night*, *Hamlet*, *Macbeth* and *The Tempest*. Elective for juniors and seniors. First semester. Credit: three semester hours.

416. **Shakespeare II.** A similar study of another group of plays, including *A Midsummer Night's Dream*, *Much Ado About Nothing*, *Othello*, *King Lear* and *The Winter's Tale*. Second semester. Credit: three semester hours.

418. **Choral Speaking.** Adaptation and presentation of suitable material for the speech choir; study of various types of choric arrangement; the part voice and diction play in the choir; the direction of the speech choir; the possibilities of choric drama. Elective for juniors and seniors. Credit: three semester hours.



**422. Victorian Literature.** A study of the prose and poetry of the Victorian Period with special attention to the relation of literature to the social, political and scientific developments of the age. Elective for sophomores, juniors and seniors. Credit: three semester hours.

**425. Journalism.** Gathering and writing the news, feature and editorial material; writing headlines; preparing copy; copy-reading; working with the printer; make-up; advertising; public relations; elementary school journalism. Elective for all students. Credit: three semester hours.

**431. Milton.** Readings in the prose and poetry of John Milton with principal stress on *Paradise Lost*. Elective for juniors and seniors. Credit: three semester hours.

**432. Literary Criticism.** Principal critical theories from Aristotle and Plato to the present. Elective for juniors and seniors. Credit: three semester hours.

### GRADUATE COURSES

**Eng. 500. Studies in the Structure and Function of Language.** Fundamental principles basic to all languages. Among the topics included will be theories of the origin of language, the nature and psychology of language, phonetics and phonetic change, alphabets and systems of writing, language types and families, the Indo-European family and its branches, the history of the English language, word origins and changes in meaning, speech standards.

In addition to the study of a basic text and standard reference works on language, each student will engage in an independent study requiring direct use of language material within the scope of his linguistic equipment. Prerequisite: completion of the required courses in English in the general elementary curriculum. While a knowledge of foreign languages is not essential, it would be helpful. Credit: three semester hours.

**502. Studies in American Literature.** Aspects of literary culture in America from the Colonial Period to the present. Religious and political influences upon early writings; the Romantic Movement and Transcendentalism; the development of realism and regional literature. Credit: three semester hours.

**503. American Regional Literature.** An investigation of the literature of certain geographic and cultural areas of the United States—New England and Eastern, Southern and Western. Folkways in American letters, local color and the use of regional materials, especially in fiction. Credit: three semester hours.

**504. Origin and Development of English Drama.** Liturgical beginnings of English drama, miracle and morality plays, interludes; the rise of English comedy and tragedy; forerunners and contemporaries of Shakespeare; the progress of the theatre to 1642. Credit: two semester hours.

**505. Studies in the Novel.** The reading of outstanding 19th century American, English and Continental novels pointed towards an understanding and appreciation of these novels; special research by each student on some particular aspect of the novels read or on the method of some one novelist. Credit: three semester hours.

**506. Studies in the Modern Drama.** General intellectual influences contributing to a renaissance of drama in Europe and America; Ibsen and the play of ideas; realism, naturalism, symbolism, sociological drama. Readings and investigations. Credit: three semester hours.

**507. The Modern Novel.** The reading of outstanding American and English twentieth century novels with major attention to the significance of these novels as (1) interpretations of contemporary life, (2) social criticism, (3) reflection of current tendencies in art and (4) possible lasting value.

### FOREIGN LANGUAGE

Professor Messner, Mrs. Messner.

In accordance with a ruling of the Board of Regents and the State Education Department, students of the general elementary department who do not present credit for two years of a foreign language for admission must complete one year, six semester hours, of a foreign language before graduation.

For all other students the courses in foreign language are elective. Students interested in foreign language study are advised to elect Latin, French or Spanish in their freshman year.

### LATIN

**101, 102. Beginning Latin.** Fundamentals of the Latin language. Essentials of Latin grammar with reading of simple prose selections. Emphasis upon the Latin element in the vocabulary of English and the modern languages. For students with no previous knowledge of Latin. First and second semesters each year. Credit: six semester hours.

**201, 202. Latin Prose and Poetry.** Reading from such prose writers as Anlus Gellius, Nepos, Sallust or Livy and such poets as Virgil, Catullus, Ovid and Martial. Grammar review and vocabulary study. Principles of Latin meter. Prerequisite: at least two years of high school Latin. First and second semesters, each year. Credit: six semester hours.

**301. Silver Age Prose.** Reading or selections from representative authors of the post-Augustan period, such as Pliny, Tacitus, Seneca, Petronius, and Suetonius. Prerequisite: Latin 201 and 202. Credit: three semester hours.

**302. Horace.** Reading of selections from the odes, epodes, satires and epistles. Study of Horace in relation to his age. Prerequisite: Latin 201 and 202. First semester, 1948. Credit: three semester hours.

**303. Latin Drama.** Reading of representative comedies of Plautus and Terence. Studies in the technique of the Roman theater. Prerequisite: Latin 301 or 302. Credit: three semester hours.

**304. Roman Life.** Major aspects of the private and public life of the Romans. Open without Latin prerequisite to students of the social studies. 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 301 or 302. Credit: three semester hours.



**402. Latin Prose Composition.** Basic principles of the Latin language with copious writing of Latin. Prerequisite: Latin 301 or 302. 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 301 or 302. Credit: three semester hours.

## FRENCH

**101, 102. Beginning French.** Fundamentals of the French language. Pronunciation, principles of grammar, easy reading. Increased emphasis during the second semester on speaking and reading French. For students with no previous knowledge of French. First and second semesters each year. Credit: six semester hours.

**201, 202. Intermediate French.** Reading of short stories, longer prose narrative, plays and selected poems. Grammar review and composition conducted on the laboratory or workshop basis. Prerequisite: at least two years of high school French or completion of French 101, 102. First and second semesters, each year. Credit: six semester hours.

**301. Masterpieces of French Literature.** Reading of selected masterpieces from all periods of French literature. Prerequisite: French 201 and 202. Second semester, each year. Credit: three semester hours.

**302. French Civilization.** Contributions of France to present-day civilization. Chief aspects of contemporary French life. Prerequisite: French 201 and 202. First semester, 1946. Credit: three semester hours.

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

**304. Modern French Drama.** Reading of plays which illustrate Romanticism, Realism and Symbolism in 19th century French drama. Prerequisite: French 301. First semester, 1947. Credit: three semester hours.

**401. Contemporary French Literature.** Chief literary trends and major authors of the last half-century. Prerequisite: French 301. Credit: three semester hours.

**402. French Composition and Conversation.** Daily practice in writing and speaking French. Class conducted entirely in French. Prerequisite: French 301. Credit: three semester hours.

**404. French Novel.** Reading of representative French novels from the 17th through the 19th century. Prerequisite: French 301. Credit: three semester hours.

## SPANISH

**101, 102. Elementary Spanish.** Grammar, composition, and conversation. Reading of elementary texts. For students with no previous knowledge of Spanish. First and second semesters each year. Credit: six semester hours.

**201, 202. Intermediate Spanish.** Reading of modern Spanish authors in the fields of the novel and the drama. Intensive vocabulary study. Prerequisite: completion of Spanish 101, 102 or at least two years of high school Spanish. First and second semester, each year. Credit: six semester hours.

## GEOGRAPHY

Professors Whittemore; Assistant Professor Gover.

**301. General Geography I.** A survey of world geography based on climatic regions. Emphasis on regions of the low latitudes, the high latitudes, and the arid and semi-arid regions of the intermediate latitudes. Special attention given grazing, agriculture, and the utilization of forests. Exercises give experience with various types of maps and other tools of geographic study. Required of General Elementary juniors. Each semester. Credit: three semester hours.

**302. Geography of North America.** A description of the physical environment of each region followed by discussion of the changing adjustments that man has made to this environment and the present pattern of human occupation. Elective for sophomores. Credit: three semester hours.

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

**402. General Geography II.** A continuation of the study of world geography with emphasis on the humid regions of the intermediate latitudes. Special attention to mining and manufacturing and intensive types of agriculture. Experience in simple methods of field studies. Required of General Elementary seniors. Prerequisite: Geog. 301. Each semester. Credit: three semester hours.

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

**405. Geography of Asia.** A general survey of the continent followed by detailed treatment of the areas of greatest importance. The physical background of each region is studied in its relation to past and present economic developments and to the current political situation. Elective for juniors and seniors. 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 aims and accomplishments of the conservation movement. Elective for juniors and seniors. 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 for juniors and seniors. 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).

**410. The Colonial Possessions of the United States.**

### GRADUATE COURSES

**500. Geography of Eastern Asia.** A regional study of the eastern part of the continent including China, Japan, the East Indies, the Indo-China Peninsula and eastern U.S.S.R. A survey of the physical background of each region is followed by a study of the past and present economic adjustments of the people to the environment. Experience in the graphic presentation and interpretation of statistical data. Prerequisite: 6 hours in Geography courses. Credit: three semester hours.

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

### HEALTH AND PHYSICAL EDUCATION

Professor Houston; Assistant Professors Adessa, Coyer, Spaulding (acting), Roach (on leave); Miss Bosworth, Mrs. Fogel, Miss Jacobs, Miss Wentlandt.

**201-202. Health Education.** Functional hygiene to assist the student in maintaining good health. Required of General Elementary and Art Education sophomores. Two hours per week. One semester. Credit: two semester hours.

**203. Health Education.** Functional hygiene to assist student in maintaining good health; physiology of exercise to understand functional basis of various sports. Elective for Industrial Arts men. Three hours per week. One semester. Credit: three semester hours.

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

**402. Health Protection.** School and community health problems; school health service; communicable disease control; water supply and sewage disposal; food sanitation; safety education. Required of General Elementary seniors. Prerequisites: Health Education 201-202; Physical Education 301-302. Two hours per week. Each semester. Credit: two semester hours.

**Physical Education Activities.** Students are registered in class groups for a wide range of indoor and outdoor activities, such as: archery, badminton, basketball, deck tennis, folk dancing, quoits, rhythms, soccer, shuffle board, swimming, tennis, volley ball, winter sports; in addition, boxing, wrestling and track for the men. Required of first and second year General Elementary and Home Economics students; of first year Art Education students; optional for third and fourth year students. Two hours per week. One hour swimming, one hour gymnasium. No credit.

### HOME ECONOMICS

Director Sipp; Professors Hockin, Roudebush; Assistant Professors Lois Adams, Buddenhagen, Keever, Palmer, Grant, Weaver; Miss Johnson, Miss Arlene Adams.

**90. Clothing.** Selecting and constructing a simple garment involving fundamental construction processes and use of sewing machine. Required of all Home Economics freshmen who are deficient in elementary clothing skills as indicated by tests. Two hours Saturday morning. First semester. No credit. Fee \$7.50. (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 foods. Prerequisite: Home Economics 101-102. Two hours Saturday morning. First semester. No credit. Registration fee \$7.50. Laboratory fee required. (Extension Dept.)

**101. Personal Factors in School and Family Living.** Designed to meet the needs of freshmen students in their orientation to Home Economics studies and in their personal and family adjustments. Units fall within these areas; orientation in Home Economics; vocations in Home Economics; personal money management; personal appearance and grooming; selection, care and repair of clothing; personal nutrition and health; selection of food and practice in food preparation; personal adjustment to friends and family; and the infant in the home. Each student selects from the above list the units that contribute to her all-around development. Required of Home Economics freshmen. Six hours per week. First semester. Credit: four semester hours.

**102. Introduction to Home Economics.** Basic units in clothing, foods and nutrition, and family relationships which are fundamental in establishing the knowledge, skills, and understandings required for further work in these three areas. Prerequisite, H. E. 101, and H. E. 90 or exemption from it. Six hours per week. Second semester. Credit: four semester hours.

**203. The Child in the Family.** Correlation of the study of child development and guidance with observation and participation in the City nursery



schools and in the first-year kindergarten of the School of Practice. Emphasis on understanding parent-child relationships and on developing guidance skills in working with young children. Required of Home Economics sophomores. Prerequisite Education 101-102. Six hours per week. Each semester. 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. Prerequisite: Home Economics 102. Six hours per week. Each semester. Credit: four semester hours.

**205. Foods and Nutrition.** Experience in food preservation; in planning, purchasing, preparing and serving food for individual and family needs both economic and nutritional; in solving current food problems. Supplements the prerequisite food and nutrition courses with added emphasis upon food principles, technique and management. Some experience in hospitality. Required of Home Economics sophomores. Prerequisites: Home Economics 102, Science 123-124, Home Economics 91 or exemption from it. Five hours per week. Each semester. 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. Prerequisite: S. S. 222. Five hours per week. Each semester. 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. Prerequisite: Home Economics 204 and completion of satisfactory experience in clothing. Three hours per week. Each semester. Credit: two semester hours.

**306. Foods and Nutrition.** Added experience in food preservation School lunch management, preparation and service with emphasis upon nutritional and educational problems; management, preparation and service for large groups; demonstration; added experience in hospitality. Required of Home Economics juniors. Prerequisites: Home Economics 205, Science 226. Five hours per week. Each semester. Credit: three semester hours.

**Ed. 323. Home Economics Methods and Materials.** Aims to assist prospective teacher in: developing a realistic philosophy of education; understanding problems of school administration and curriculum in both general and home economics education; knowing how and having some ability to apply principles of learning and teaching; developing some techniques in selecting, organizing and using instruction materials; developing a philosophy of evaluation and some ability in obtaining and interpreting data through the use of appropriate techniques. Includes observation and participation. Grade of "C" is a prerequisite to Ed. 431. Required of Home Economics juniors. Prerequisites: Home Economics 203, 204, 205. Eight hours per week. Each semester. Credit: six semester hours.

**401. Home Management.** A concentrated study of home living and home management problems for five weeks; practical study of time, energy, and money utilization; experience in group social and recreational life; associa-

tion with community organizations promoting the welfare of satisfying home life. Efforts will be made to provide supplementary experiences for needs of individual students. Students defray own expenses. Prerequisites: Home Economics 203, 303. Five class hours per week. Each semester. Credit: four semester hours.

**403. Family Relationships.** A study in the regular progression in the type of family relationships which the individual sustains to other members of the family throughout the life cycle; problems of family relationships which arise out of the cultural milieu; consideration of the influence which emotional maturity, heredity, preconceived roles, personality and background factors have on marriage adjustment; some attention to the teaching of family relationships at the secondary level. Required of Home Economics seniors. Three hours per week. Each semester. Credit: three semester hours.

**405. Household Equipment.** The application of the principles of physics to the selection, operation, care, and arrangement of household equipment. Emphasis is placed upon utilitarian aspects of equipment to promote economy, efficiency and comfortable living in the home. Required of Home Economics seniors. Prerequisite Science 227. Four hours per week. Each semester. 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. Prerequisites: Art. 322, Home Economics 303. Four hours per week. Each semester. Credit: three 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. Four hours per week. Either semester. Credit: three semester hours.

**411. Food and Nutrition.** Selection and preparation of well balanced meals for school children, cooperative living 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. Four hours per week. Either semester. Credit: three semester hours.

**412. Marriage and Family Relationships.** Designed to acquaint the student with the growing body of scientific knowledge concerning the husband-wife relationships, the experiences that precede it and the adjustments and problems growing out of it. Discussion of the social and psychological aspects of marriage and family living; emotional and social maturity and readiness for marriage; courtship, choice of mate and engagement; predicting success or failure in marriage; personality and social factors in marriage adjustment; etc. Elective for seniors not majoring in Home Economics. Three hours per week. Each semester. Credit: three semester hours.

**421. Teaching Practicum.** Provides opportunity to study New York State programs for homemaking education and their adaptation to local situations.



Teaching experience in two schools outside of Buffalo provided. Residence in school communities required during teaching periods. Student shares in non-instructional as well as instructional responsibilities of the teacher; group conferences of all student teachers held regularly at the College. Students defray own travel and residence expenses. Grade of "C" in course required for certification in New York State. Required of Home Economics seniors. Prerequisite, H. E. 305, 306, Ed. 323, and grade of "C" in Ed. 323. "C" average in all College courses. Fifteen hours per week. Two-thirds semester. Each semester. Credit: nine semester hours.

## GENERAL COURSES—REQUIRED AND ELECTIVE

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

## GRADUATE COURSES

**500. Seminar in Home Economics Education.** Survey and evaluation of recent research in the field of Home Economics Education. Study will center around special problems selected by individual students from the area of Home Economics Education. Credit: three semester hours.

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

**502. The Individual and the Family.** A study of personality development in contemporary American family life. Emphasis on the family as an important factor in shaping the growth and adjustment of children, adolescents, and adults. Designed for teachers who wish a greater understanding of their students and of themselves. Prerequisite: Psychology or Child Development. Credit: three hours.

**503. Family Relationships.** A study of the factors that promote satisfaction and dissatisfaction within the immediate family. Some attention is given to collection of materials for teaching family relationships at the secondary level and to ways these materials can be used. Special problem to be arranged with the instructor. Credit: three hours.

**504. Problems in Foods and Nutrition.** Study of recent developments in foods and nutrition. As a result of this course, the student is expected to establish and maintain nutrition practices and to plan for and organize elementary and secondary school programs. Credit: three semester hours.

**505. Problems in Clothing and Textiles.** New developments in textiles; aids for selecting fabrics; family clothing problems. Particular reference to problems met in teaching clothing and textiles in secondary and adult classes. Credit: three semester hours.

## INDUSTRIAL ARTS

Director Perkins; Professor Neuthardt; Assistant Professors Brossman, Fontana (on leave), Grabau, Harlan, Morrice, Quackenbush; Mr. Callan (on leave), Mr. Cappiello (acting), Mr. Cook, Mr. Dunn (acting), Mr. Fins-terbach (on leave), Miss Haggerty, Mr. Heintz (acting), Mr. Mandel (on leave), Mr. Palmetter (acting), Mr. Russell, Mr. Steffan, Mr. Strong, Mr. Waagen, Mr. Welch (acting).

**101. Electric Shop.** A study of electrical principles and their application to generation, measurements, testing power, communication, transmission, transformation, and wave propagation and reception. Study of electrical devices and appliances relative to their consumer use. Construction of projects for use in teaching and for demonstration. Basic course for all Industrial Arts freshmen or sophomores. Credit: five semester hours.

**102. Wood Shop.** Study and manipulation experiences in areas of activity characteristic of the woodworking field, benchwork, cabinet making pattern making, upholstering, carpentry, wood finishing, model making, boat building, aircraft construction, etc. Emphasis laid on both hand tool and machine operation methods. Use, care, and maintenance stressed. Thirteen and one-half hours per week. Credit: five semester hours.

**103-104. Mechanical Drawing.** A basic course in mechanical drawing and blueprint reading; the care and use of instruments, lettering, geometric construction, weight and meaning of lines, freehand sketching, working drawings, cabinet projections; a complete working knowledge of drafting conventions and technic. Required of all Industrial Arts freshmen. Four hours per week. First and second semester. Credit: three semester hours each semester.

**201. Transportation Shop.** A study of common means of transportation; the bicycle, motorcycle, automobile, airplane, railroad, and ship. Projects involving construction, planning, designing, trouble-hunting, periodic adjustment, and maintenance are part of the program. Attention is given to special teaching methods and techniques necessary for adequately presenting transportation as a shop subject. Fifteen hours per week. Credit: five semester hours.

**202. General Metal Shop.** Practice in fundamentals of foundry work, sheet metal, art metal, oxy-acetylene welding, brazing, silver soldering, forging, and heat treatment. Practice in machine tool operation on lathes, milling machines, shaper, band saw, surface grinder, and necessary bench work. Related lessons will accompany these various metal-working experiences. Basic course for all Industrial Arts freshmen or sophomores. Credit: five semester hours.

**203-204. Mechanical Drawing.** The language of structural design. Blueprint readings, instrumental drawing, lettering, geometric constructions, working drawings, orthographic, isometric and cabinet projection. Required of all Art Education sophomores. Four hours per week. Each semester. Credit: two semester hours.



**205. Small Structure Planning. (Elective)** A course designed to give the fundamental steps in planning small buildings. Floor plans, elevations, details, and specifications of such buildings will be made. New materials now being used in low-cost housing will be studied. Field trips and reports on building practices will be made by all members of the class. Four hours plus assigned field trips. Credit: three semester hours.

**211. Principles and Practice of Industrial Arts I.** A general course to aid students to see the field of industrial arts in its entirety. Factors considered are the philosophy, aims, objectives, organization and administration of industrial arts, types of schools, kinds of shops, teachers, teaching situations, and students. Required of Industrial Arts sophomores. Two hours per week. Credit: two semester hours.

**301. Graphic Arts Shop.** Practical experience in activities commonly associated with the commercial graphic arts. Areas covered are composition, imposition, paper estimating and cutting, presswork, book binding, rubber stamp making, linoleum block printing, silk screen printing, and duplicating. Industrial tours and lectures give the student contact with related fields such as newspaper production, photo-engraving, and paper making. Basic course for all Industrial Arts freshmen and sophomores. Credit: five semester hours.

**302. General Shop.** 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. Construction of teaching aids, record charts and methods of caring for the details of general shop activity form a major part of the course. Activities cover woodworking, metal working, electricity, printing, textiles, and ceramics. Basic course for all Industrial Arts juniors. Credit: five semester hours.

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

**311. Principles and Practice of Industrial Arts II.** A study of principles, methods, motivation of teaching and instruction, techniques, instructional materials, projects, lesson plans, tests, and special methods of teaching. It will also consider library and planning centers, museums, exhibits, charts, records, and shop and personnel management from the point of view of efficient industrial arts teaching. Required of Industrial Arts juniors. Two hours per week. Credit: two semester hours.

**312. Principles and Practice of Industrial Arts III.** Continuation of Industrial Arts 311. Consideration of industrial arts courses and sequences; development of courses of study; investigation of physical equipment and supplies; attention to hand and machine tool equipment, supplies and storage; personnel organization. Completion of special units of instruction. Required of all Industrial Arts juniors. Two hours per week. Credit: two semester hours.

**401. Sheet Metal Shop. (Elective)** The development of sheet metal pattern drafting, and forming of flat metal in sheet metal projects. Experience is given in forming objects using parallel line, converging line, and triangulation techniques. Related lessons on use and care of hand tools, machinery and theory of metal forming and assembly. Credit: two and one-half hours or five hours.

**402. Advanced Graphic Arts Shop.** This course includes advanced work in the activities listed in course 301. It covers four-color printing in letter press, linoleum block, and the silk screen process, advanced study of design and layout, and more technical and artistic projection of book binding and other reproductive methods. Opportunity is given for experimentation in the field of graphic arts as it may be applied to junior and senior high school Industrial Arts. Seven and one-half hours per week. Credit: two and one-half semester hours.

**403. Advanced Wood Shop. (Elective)** A course for advanced study and practice in the field of woodworking. Machine woodworking will be stressed; study of general production practices together with information, and the development of higher standards of skills. Emphasis will be given to advanced cabinet making, with projects and problems involving difficult processes in wood turning, millworking, wood finishing, the study of equipment and shop planning, the maintenance and repair of wood-working machinery. Junior and senior elective. Seven hours per week. Credit: two and one-half semester hours.

**404. Advanced Electric Shop. (Elective)** Emphasis placed upon theory, operation and construction of electronic devices as applied to communication and industrial machine control. Opportunity will be afforded students to study the theory, operation, and construction of models of aeronautical instruments. Junior or senior elective. Credit: two and one-half or five hours.

**405. Advanced Machine Shop. (Elective)** Emphasis is placed on fine tool and instrument making, heat treatment, jewelry making, art metal repousee and more advanced problems of course 202. New experiences in machine tool operation are the operation of a universal grinder, surface grinder, helical milling gear cutting, internal threading and boring, accurate layout and inspection techniques. The work is of special significance to students planning to teach in special fields of metal working, and work may be selected to suit the individual requirements of the student. Credit: two and one-half hours.

**406. Ceramics.** A study of the materials, processes, and products of the ceramic industry with practice in clay preparation, hand building of pottery, mould making, slip casting, throwing and turning on the potter's wheel, tile making, firing, glazing, and decorating. One-half semester, fifteen hours. Credit: two and one-half semester hours.

**407. Textiles.** A study of the operations and processes in the textile industry covering the manufacture of animal, vegetable, and synthetic yarns including the weaving, dyeing, and finishing of fabrics. The course also includes construction of a variety of projects suitable for an Industrial Arts program. One-half semester, fifteen hours. Credit: two and one-half semester hours.



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

## GRADUATE COURSES

**500. Workshop in Industrial Arts Education.** Individual or group studies of specific problems in any of the several activities in the New York State program of Industrial Arts. Problems may be selected from Junior or Senior High School levels, or in the area of adult education. Reports and free discussion will characterize the workshop. Offered each semester. Credit: three semester hours.

**501. Seminar in Industrial Arts.** A survey course of current and special problems in industrial arts education. Problems are selected on an individual and group basis according to student needs. Extensive research, reports, group and class discussion. Required of students registered for the degree of Master of Education. Credit: three semester hours.

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

**Technical Courses.** The courses listed below are open only to graduate students who completed undergraduate requirements before they were offered in the four year curriculum and are now required by the candidate in the performance of his duties. Any two courses may be offered as partial fulfillment of graduate requirements.

512. General Textiles.

513. Ceramics.

514. General Shop.

515. Transportation.

516. Architectural Drawing.

517. Electronics.

**Related and General Fields of Study**—Student will consult Bulletin No. 1 of the Graduate Department for offerings in this area.

**502. Field Studies Related to Industrial Arts Education.** This course affords the individual an opportunity to acquaint himself with the multiplicity of industrial activities that are carried on along the Niagara Frontier. It is expected that each participant will carefully examine the educational offerings to be found in such industries as the woodworking and fabricating

trades; metal industries; plastic and fibre products; graphic arts; electrical, ceramic, airplane and automotive manufacture; and numerous other minor occupations. Studies are made both by the individual and the group. Opportunity is given for conferences with personnel directors and other representatives of industry as well as with representatives of various labor organizations. Offered each semester. Credit: three semester hours.

## MATHEMATICS

Professor Ebert; assistant professor Rodney; Mr. Cherkauer, Mr. Stamp.

**101. General Mathematics.** The number system and its development, operations and their relationships, formulas, equations, graphs, measurement and approximation, the way of geometry and roof, problem solving, mathematics as a useful growing science. Required of General Elementary freshmen. Each semester. Credit: three semester hours.

**102. General Mathematics.** Number, processes, formulas, equations, graphs, functionality, exponents, radicals, precision and accuracy in measurement, frequent application to problems. Required of Industrial Arts freshmen. First semester. Credit: three semester hours.

**104. Applied Mathematics.** Problems allied to the technical work of industrial arts. Measurement, significant digits, precision, accuracy, reliability of data, types and sources of error, interpretation and derivation of formulas, emphasis on problems. Required of Industrial Arts freshmen. Second semester. Credit: three semester hours.

**201. College Algebra.** Functionality, equations, graphs, variation, progressions, complex numbers, mathematical induction, theory of equations, logarithms, permutations, combinations, probability, annuities, determinants, series. Sophomore elective. Each 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. Elective for sophomores. 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. Elective for juniors and seniors. Prerequisites: College Algebra and Plane Trigonometry. First semester. Credit: three semester hours.

**402. History of Mathematics.** General chronological study of the development of elementary mathematics, national achievements of ages or periods, biographies, modern critiques. Elective for seniors. Prerequisites: College Algebra, Plane Trigonometry and Plane Analytics. 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. Elective for seniors. Prerequisites: College Algebra, Plane Trigonometry, and Plane Analytics. 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. Elective for seniors. Prerequisites: College Algebra, Plane Trigonometry, Plane Analytics, and Differential Calculus. Credit: three semester hours.

## MUSIC

Professor Boyd; Assistant Professor Wincenc; Miss McMahon, Mr. Pixley.

**101-102. Essentials of Music.** A general course to develop sensitivity to music. Basic study of the vital elements of music—rhythmic, melodic, and harmonic—through sight-seeing, ear-training, writing and playing. Minimum attendance at five subscription concerts by the Buffalo Philharmonic Orchestra in Kleinhans Music Hall. Required of General Elementary freshmen. Three hours per week. Both semesters. Credit: four semester hours.

**201. Music in Civilization.** An investigation of music in general culture. Musical growth in relation to the changing civilization. Aims to increase the student's appreciation of music. Minimum attendance at five subscription concerts by Buffalo Philharmonic Orchestra in Kleinhans Music Hall. Elective for sophomores, juniors and seniors. First semester. Credit: three semester hours.

**202. Music Literature.** A study of standard musical literature. Current musical events. Required listening to radio or local concerts. Elective for Sophomores, Juniors and Seniors. Open to advanced credit students who need credit for Music Appreciation. Second semester. Credit: three semester hours.

**203. \*Freshman Women's Glee Club.** The purpose of this group is to give Freshman girls the pleasure of expressing themselves in song—to prepare them to participate in musical events. Since its inception it has contributed to the music of the college Christmas Play, given concerts for various off-campus organizations, sung for Lenten services, and participated in the Spring Musicales Elective for Freshmen. Two hours per week. Credit: one semester hour.

**303. Voice Culture and Repertory.** Vocalists, repertoire and program making. A study of diction, breath control, tone coloring and other voice problems. Elective for sophomores, juniors and seniors. Each semester. Credit: three semester hours.

**305. Music for Children.** A course designed to meet the needs of the classroom teacher in the use of music with emphasis on Nursery, Kindergarten and Primary levels—Songs, Rhythmic activity, the child voice, listening, creative music and instruments, the piano, games and dances, recordings, films, books. Elective for sophomores, juniors and seniors. Three hours a week including one additional when observing. Credit: three semester hours.

**306. \*Symphony Orchestra.** The college maintains a student orchestra of full symphonic instrumentation which offers excellent opportunity for

practical training in playing the best orchestral literature. Auditions are held at the beginning of each semester. Elective for all students. Four hours a week. Credit: one semester hour.

**307. \*Senior Womens' Glee Club.** Membership is open to all students who successfully pass auditions held at the beginning of each semester. This group performs for assemblies, radio broadcasts, High School Day, and with the Buffalo Philharmonic Orchestra at Kleinhans Music Hall. Elective for all students. Two hours per week. Credit: one semester hour.

**308. \*Band.** Membership in the eighty piece uniformed band is open to all students who qualify at auditions held at the beginning of each semester. The band plays for athletic events and numerous student functions. College owned instruments are available. Three hours per week. Credit: one semester hour.

**309-310. Harmony.** Practical study of the elements of music. Scales, keys, intervals, triads and their inversions, notation, cadences, rhythmic reading, sight-seeing, melodic and harmonic dictation, seventh chords and their inversions, transposition, modulation, keyboard training and four part written harmony. Minimum attendance at five subscription concerts by the Buffalo Philharmonic Orchestra in Kleinhans Music Hall. Prerequisite Music 101-102 or by special permission of the instructor. Elective for sophomores, juniors and seniors. Three hours per week. Two semesters. Credit: six semester hours.

**311. Conducting.** A practical course in choral and orchestral conducting. Main emphasis is upon acquiring skill in actual use of the baton. Certain amount of reading and observation. Minimum attendance at five subscription concerts by the Buffalo Philharmonic Orchestra in Kleinhans Music Hall. Elective for sophomores, juniors and seniors. Each semester. Three hours per week. Credit: three semester hours.

**312. \*A Cappella Choir.** College choir membership is determined after a rigid examination emphasizing intonation, tone quality and musical ability. The song literature is chosen on a high level for concert purposes. The choir appears at the Kleinhans Music Hall, radio broadcasts, and the college Baccalaureate and Commencement exercises. Elective for all students. Four hours per week. Credit: one semester hour.

**313. \*Men's Glee Club.** Any man on campus who has the ability to pass an audition is admitted to membership. This group participates in many college and off-campus functions. Practice sessions are held twice a week. Credit: one semester hour.

**404. The Art of Enjoying Music.** An inquiry into the field of music with specific application to the advanced aesthetics of music. Minimum attendance at five subscription concerts by the Buffalo Philharmonic Orchestra in Kleinhans Music Hall. Elective for sophomores, juniors and seniors. Each semester. Credit: three semester hours.

\* Total credit earned from participation in above applied music courses may not exceed eight credit hours toward graduation. No student may earn more than one semester hour of credit in any one semester for such participation.



**407. Contemporary Trends in Music.** An overview of creative musical expression in the present day with emphasis on living composers. Elective for sophomores, juniors and seniors. Prerequisite: Music 101-102 or equivalent. Credit: three semester hours.

### NON-CREDIT MUSIC ACTIVITIES

The Music Department sponsors several organizations for qualified students. These groups perform frequently in public. They cover a wide range of musical interest and repertoire and will give the student an opportunity to develop poise and self confidence. Included are:

Madrigal singers	Women's Sextette	Male Quartet
String Quartet	Wood Wind Quintet	
Brass Ensembles	String Orchestra	Baton Twirling

Buffalo has many advantages for students interested in music. Numerous concert series such as those presented by the Buffalo Philharmonic Orchestra, Zorah Berry, Buffalo Chamber Music Society can be heard in Kleinhans Music Hall, one of the most beautiful and acoustically perfect auditoriums in the country. The Grosvenor Library and Museum of Science also offer varied music program.

**Music Library.** A collection of reference and textbooks is at the disposal of the students in the main library. Phonographs with a large collection of records are also available to students for study and as practice teaching material. Additional music and books may be found in the Buffalo Public Library, The Grosvenor Library and The Department of Music, Buffalo Museum of Science.

**Practice Rooms.** A limited number of rooms are available for individual practice. The College also owns many pianos and other instruments. Information may be obtained from the Music Office.

**Private Music Instruction.** Private instruction in Piano, Organ, Harp, Voice and all orchestral and band instruments is available. Credit is not granted for this study. Information concerning artist teachers and their fees may be secured from the Music Office.

### ORIENTATION

Dean Reed

This non-credit course is required of all freshmen in the first semester. Study and library skills; educational and professional adjustments; discussion of social practices; etiquette, correspondence and attire; group management through entertainments, business sessions or forum leadership; development of student opinion and participation in activities to promote social competence and good citizenship.

### SCIENCE

Professors Brown, Fretz, Urban, Assistant professors Dupre, Sheel, Vail; Mr. Arthur, Mr. Nadolinski, Mr. Stamp, Mr. Swenson, Mr. Thielking.

(For the program of specialization in science for the elementary school, see page 119.)

**101. Physical Science I.** Survey of the field of the physical sciences (astronomy, geology, physics and chemistry) with emphasis upon such ideas as the size and organizations of our solar system and the starry heavens; the processes which have modified, and continue to modify the earth's surface, the ways in which man's control of energy and materials are basic to modern life. Required of all General Elementary freshmen. Four hours per week including laboratory. Each semester. Credit: three semester hours.

**123. Bacteriology.** Study of morphology, distribution and relative importance of bacteria, yeasts and molds and their relations to the household. Emphasis on microbiology of food preservation; bacteriology of foods, water, milk. Required of all Home Economics freshmen. Four hours per week including laboratory. First semester. Credit: three semester hours.

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

**201-202. Biology.** An elementary course, stressing the principles and theories which explain the structure, taxonomy, physiology, ecology, reproduction, genetics, and development of plants and animals. Required of all General Elementary sophomores. Four hours per week, including laboratory. Both semesters. Credit: six semester hours.

**203-204. Physics.** General college physics covering the areas of mechanics, heat, sound, light, and electricity—materials of great importance in teaching science at the elementary and junior high school level. The fundamentals of the nature, behavior, and transformations of energy and the results of man's control of energy are stressed. Elective for sophomores, juniors, and seniors. Prerequisite: Science 101 or its equivalent. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

**205-206. Ind. Arts Physics.** An elementary physics course covering the usual five areas of physics but with special content and illustrations related to the industrial arts field. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

**208 (102) Physical Science II.** Designed to carry further and enrich the understandings developed in the freshman course, Science 101, and to complete the survey of the area of the physical sciences. Elective for sophomores in the Science Specialization Program. Others may enroll with permission of the instructor. Four hours per week including laboratory. Credit: three semester hours.

**209-210. Art Ed. Biology.** A survey of the science of life. Structure, function, classification, reproduction, heredity, and evolution are among the topics treated. Required of all Art Education sophomores. Three hours per week including laboratory. Both semesters. Credit: four semester hours.

**224. Physical Science.** Replaced by 227.

**225-226. Elements of Inorganic and Organic Chemistry.** The basic principles of these chemistry fields in relation to the field of Home Economics. Required of all Home Economics sophomores. Four hours per week, including laboratory. Both semesters. Credit: six semester hours.



**227. Household Physics.** A course emphasizing principles of physics which enable the student to understand her environment, and which have direct applications in the home. Includes a study of the characteristics and uses of mechanical energy, heat, light, electricity, and sound. Required of all Home Economics sophomores. Four hours per week including laboratory. One semester. Credit: three semester hours.

**231. Elementary Physics.** This single semester course surveys the principles of physics most important to the field of elementary science. Laboratory work stresses experiments usable at the elementary level. Elective for sophomores in the Science Specialization Program. Others may enroll by permission of instructor. Four hours per week including laboratory. Credit: three semester hours.

**232. Elementary Chemistry.** This single semester course surveys the principles of chemistry most important to the field of elementary science. Laboratory work stresses experiments usable at the elementary level. Elective for students in the Science Specialization Program. Others may enroll by permission of instructor. Three hours per week including laboratory. Credit: two semester hours.

**301-302. Ind. Arts. Chemistry.** A course to give the student an understanding of the chemical nature of materials. Fundamental principles of chemistry are supplemented by numerous industrial arts applications. Required all Industrial Arts Juniors. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

**303-304. Inorganic Chemistry.** General college chemistry above the lower level of Physical Science. Lectures, demonstrations, individual laboratory work. Elective for General Elementary sophomores, juniors and seniors. Prerequisite: Science 101 or its equivalent. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

**305. Zoology.** Study of a series of animals to demonstrate the relationships that exist throughout animal life. Lectures, demonstrations, and laboratory make up the work of the course. Elective for those who have had prerequisite Science 201-202. Four hours per week, including laboratory. First semester. Credit: three semester hours.

**306. Botany.** Structure and physiology of plants applied to practical problems. Observations, experiments, and laboratory work center around control of plant life. Elective for students who have had Science 201-2 or its equivalent. Four hours per week including laboratory. Second semester. Credit: three semester hours.

**307. Art Ed. Physical Science.** In this cultural survey of the field of the physical sciences (astronomy, geology, physics, chemistry) applications are made to the field of art. Among these are the chemistry of art materials and the physics of light and color. Required of all Art Ed. juniors. Four hours per week including laboratory. Credit: three semester hours.

**310. Science in the Elementary Grades.** Designed for all persons who are interested in the teaching or supervision of science in the elementary school. Deals with the background and function of elementary science together with its subject matter. Opportunity will be given to work with the

demonstrations, experiments, visual and other materials used in elementary school science, usually in relation to a real classroom situation. Required of juniors in the Science Specialization Program and elective for other General Elementary juniors and seniors. Other classes and departments by arrangement with instructor. Prerequisite: Science 101, 201-202, or their equivalent. Four hours per week including laboratory. One semester. Credit: three semester hours.

**324. Chemistry Applied to Home Economics.** Study of carbohydrates, minerals and vitamins in relation to food composition, cooking processes and metabolism and the chemistry of textiles—identification tests, dyes and finishes, bleaching and detergents. Required of all Home Economics juniors. Prerequisite: Science 225-226. Four hours per week, including laboratory. Second semester. Credit: three semester hours.

**401. Genetics. Principles of heredity.** Lectures, readings and individual studies of specific plant, animal, and human traits. Elective for General Elementary juniors and seniors. Prerequisite: Science 201-202 or its equivalent. Each semester. Credit: three semester hours.

**402. Geology.** A 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. Elective for General Elementary juniors and seniors. Students in other departments by arrangement with instructor. Prerequisite: Science 101 or its equivalent. Four hours per week including laboratory. Credit: three semester hours.

**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 detailed knowledge of scientific facts. Elective for General Elementary juniors and seniors. Students in other departments by arrangement with instructor. Two hours per week. Credit: two semester hours.

**410. Field Studies in Science.** The study of the sciences and related materials as it can be accomplished in outdoor situations. The principles and practices of learning by direct experience are applied. Several week-end trips, and some all-day trips are included. Required of seniors in the Science Specialization Program, and elective for juniors and seniors from any department of the college, with permission of the instructor. Registration limited. Four hours per week. Credit: three semester hours.

**411. Meteorology.** A study of the atmosphere, the methods of observing and recording 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. Elective for juniors and seniors. Three hours per week. Credit: three semester hours.

**415. Descriptive Astronomy.** An introductory course giving a logical development and a description of the astronomical units, groups, instruments, procedures, and methods which are essential to a cultural presentation and understanding of this subject. The course will be accompanied by the use of



many visual aids, including motion pictures. Elective for juniors and seniors. Prerequisite: Science 101 or its equivalent. Credit: three semester hours.

### SCIENCE SPECIALIZATION PROGRAM

The non-science portion of the curriculum will consist of the present sequence of required courses in the General Elementary curriculum. The science courses will consist of the present required nine semester hours plus fifteen additional hours. These fifteen hours thus use the electives provided under the General Elementary Curriculum.

The recommended sequence of science courses in the Science Specialization is as follows:

#### First Year\*\*

101. Physical Science 1\*.

#### Second Year

- 201-202. Biology\*.

Two electives in science under advisement.

#### Third Year

310. Science in the Elementary Grades.

Elective under advisement.

#### Fourth Year

410. Field Studies in Science.

#### Electives

208. Physical Science II.  
231. Elementary Physics.  
232. Elementary Chemistry.  
305. Zoology.  
306. Botany.  
402. Geology.  
411. Meteorology.  
415. Desc. Astronomy.

### GRADUATE COURSES

500. Science in the Elementary Curriculum. This course is designed to acquaint teachers of all elementary grades with the background, purposes and present scope of science in the elementary schools. A feature of the course will be a professional review of subject matter with demonstrations, experiments, motion pictures, as well as by extensive outside reading. Opportunity

\* Courses in present requirement.

\*\* Election of Science Specialization Program should be made at the end of the Freshman year.

For persons with a strong background in science, electives in science will be so planned as to avoid duplication of high school courses. Tests appraising the quality of the science preparation will be given early in the year or before the end of the freshman year.

is given the class members to prepare experiments and demonstrations in laboratory periods and to present them before the class group. Three class hours per week. Credit: Three semester hours.

501. Field Studies in Science I. Biological and Geological Field Work. Selected field studies, both group and individual, acquaint the participants with the various areas in which "field studies" may be used. Each individual is expected to cover one or more areas intensively, the emphasis of topics being governed by the needs of the State Elementary Science syllabus. Ecological relationships are expected to bind the various field studies into one unified program. Elective for seniors with an average of C in science completed to date and to graduates with six hours of undergraduate science. Ten hours per week in summer session. Three semester hours credit.

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

### SOCIAL STUDIES

Professors Peterson, Albright, Hollister, Mason; Assistant Professor Rapp; Mr. Brown, Miss Dana, Mrs. Roesser, Miss Stockberger, Mr. Vernon.

101-102. History of Civilization. A historical survey of several factors or persistent problems of civilization designed to provide background for contemporary world issues: the relationship of man to the state and of the state to man; social reform and the pattern of revolution; religion and other aspects of man's spiritual and intellectual development; changing methods and organization of economic life; imperialism and the problems of empire; and the growth of nationalism and internationalism. In general the course stops at 1870. Required of General Elementary and Home Economics freshmen. S. S. 101 is a prerequisite to 102. Both semesters. Credit: six semester hours.

104. History of Civilization for Art Education. A social, economic, political, religious, and military background study, with emphasis on those civilizations which have made significant contributions to the development of art and architecture. Required of Art Education freshmen. Each semester. Credit: three semester hours.

201-202. Contemporary Civilization. A continuation of S. S. 101-102, emphasizing the problems of social and political organization: recent nationalism and imperialism; revolutions and the pattern of dictatorship; the causes and attempts at world organization—all taken up in a consideration of the chief developments of the major European and Asiatic countries. Required of General Elementary sophomores. Prerequisite: S. S. 101-102. S. S. 201 is a prerequisite to 202. Both semesters. Credit: six semester hours.



**205. Contemporary Civilization for Industrial Arts.** A study of European civilization since 1914, background of World War I, the ideologies which resulted from the war, the contributing factors producing World War II, and the problems of peace and reconstruction. Required of Industrial Arts sophomores. Each semester. Credit: three semester hours.

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

**301-302. American Civilization and Government.** A study of the establishment of the American republic and the growth of a distinctive American civilization, with special attention to relations between the government and the people and to the place of the nation in the modern world. Required of General Elementary, Home Economics, and Industrial Arts juniors. S. S. 301 is a prerequisite to 302. Both semesters. Credit: six semester hours.

**304. American History to 1789.** Conditions in Europe influencing the discovery and settlement of the New World; growth of the colonies; causes and significance of the Revolution; establishment of the new government. Elective for juniors and seniors. Not offered in 1949-50. Credit: three semester hours.

**310. History of the Far East.** Selected topics, against a chronological background, in the history of China and Japan from the fourteenth century to the present day, with emphasis on the period after 1800. Elective for sophomores, juniors, and seniors. First or second semester. Credit: three semester hours.

**312. History and Government of New York State.** A social, economic, political, and military history of the Empire State: the aboriginal background; development of the colony; the establishment of the state; the rise of political parties; and the economic and social growth of the state to the present time. Elective for sophomores, juniors, and seniors. First or second semester. Credit: three semester hours.

**323. Principles of Sociology.** Principles of Sociology followed by detailed study of rural, village, and urban communities. Required of Home Economics juniors. Each semester. Credit: three semester hours.

**335. Principles and Problems of Economics.** Brief summary of basic principles followed by discussion of contemporary problems and trends: labor and management relations; prices and inflation; pre-war, wartime and post-war adjustments. First semester. Sophomore and junior elective. Credit: three semester hours.

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

**403. History of American Foreign Relations.** A general survey of our foreign relations, beginning with independence and the alliance with France in 1778 and extending through recent affairs of the United States as a world power. Attention is given to principles of international law and to the growing leadership of the United States in the world. Elective for juniors and seniors. First semester. Credit: three semester hours.

**405. International Relations.** A study of contemporary international relations and organization, based upon an analysis of such factors as the rise of the state system, economic and political nationalism, imperialism, methods of diplomacy and the settlement of international disputes, and the League of Nations and the United Nations. Elective for juniors and seniors. Not offered in 1949-50. 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 and its spread of the Revolutionary ideas throughout Europe; and the rise of modern nationalism. Elective for juniors and seniors. Not offered in 1949-50. Credit: three semester hours.

**407. Germany Since 1871.** The German question viewed through a study of political, institutional, intellectual, economic, and social factors in recent German history and their relationship to the problems of democracy, peace, and prosperity for Europe and the world. Elective for juniors and seniors. First semester. Credit: three semester hours.

**408. Twentieth Century European Diplomacy.** A study of the causes and diplomatic problems of World Wars I and II, the intervening diplomatic history, the Paris Peace Conference of 1919, and the present world diplomatic situation. 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: 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. Not offered in 1949-50. Credit: three semester hours.

**410. Modern Far Eastern History.** A survey of the political, economic, social, and intellectual history of the Far East in the nineteenth and twentieth centuries, with emphasis upon the influence of the West upon the East and of the East upon the West to show how the Far Eastern problem led to the recent Pacific war. Elective for juniors and seniors. Not offered in 1949-50. Credit: three semester hours.

**411. History of Latin America.** European colonization, wars for independence, and national development in Latin America. Special attention will be given to the diplomatic and economic relations with the United States and to the role of the Inter-American System in the United Nations. Elective for juniors and seniors. Second semester. Credit: three semester hours.

**417. Juvenile Delinquency.** A survey of modern social trends with emphasis upon the specialized fields of the community, the neighborhood and the family. Conditions in rural and urban United States during the 1920's, the depression '30's, and the wartime '40's will be studied as a basis for conclusions relating to the present post-war situations. Elective for juniors and seniors. First semester. Credit: three semester hours.



**421. Industrial History and Labor Problems.** A study of American industry from its English beginnings to the present. Influence of inventions, tariffs, trade barriers, and cartels. Special attention to the growth and importance of organized labor. Required of all Industrial Arts seniors. First or second semester. Credit: three semester hours.

**422. History of Russia.** The dominant political, social, and economic factors of Russian history are examined with the purpose of providing a background for a study of the Soviet regime. Theory and practice in Soviet politics, with the consequent changes in the life of the Russians of tsarist days, Soviet foreign policy, and the Soviet position in the contemporary world are examined. Elective for juniors and seniors. Not offered in 1949-50. Credit: three semester hours.

**426. Contemporary Economic Problems.** Review of basic economic problems; economic changes during war times; problems of reconversion and of the present peace time economy. Elective for sophomores, juniors, and seniors. Second semester. Credit: three semester hours.

**428. History of Canada.** Selected topics in the political, economic, and social history of Canada, from the beginnings to the present day, with special emphasis on Canada's relations with the United States. Elective for juniors and seniors. First or second semester. Credit: three semester hours.

## GRADUATE COURSES

**500. Studies in Twentieth Century American History.** Intensive analysis of selected aspects of American life since 1900, with emphasis on significant trends, policies, or ideas in the areas of politics, diplomacy, and national culture. Selection of topics for study is dictated by student needs and interests. Prerequisites: 18 hours in Social Studies, including six in American History and six in European History. Credit: three semester hours.

**501. Studies in Twentieth Century European History.** Lectures, class discussions, and student reports on one or two subjects each semester, such as modern political ideologies, problems of modern Germany, recent developments in Russia, or international relations. Prerequisites: 15 hours in Social Studies, including nine in European History. Credit: three semester hours.

**502. The United States and Its Inter-American Relations.** A study of American policies toward the Latin American Republics and the Dominion of Canada, with emphasis on factors affecting the growth of hemisphere solidarity. Policies to be developed include: recognition; Monroe Doctrine; imperialism; encouragement of peaceful settlement; cultural interchange; hemisphere security; promotion of regionalism. Prerequisites: 18 hours in Social Studies, including six in American History and six in European History. Credit: three semester hours.

**503. History of Political Theory.** A study of the development of political thought as found in the writings of the chief modern contributors to the political ideologies of democracy, liberalism, conservatism, nationalism, socialism, communism, Fascism, and Nazism. Prerequisites: 15 hours in

Social Studies, including nine in European History. Credit: three semester hours.

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



# FRESHMEN REGISTRATION

Name	City, Town
Abrams, Rita	Buffalo
Ackerman, Ann Louise	Kenmore
Advey, George Joseph	Gardenville
Agnew, Ruth Frances	Buffalo
Alair, Dolores Eileen	Buffalo
Albert, Morton	Brooklyn
Alberti, Anthony J.	Buffalo
Aldrich, Mary Edith	Fredonia
Aldridge, Shirley Ann	Victor
Andres, June Cecelia	Buffalo
Andujar, Joan M.	Buffalo
Anger, Marcia Bell	Buffalo
Antalek, Jacqueline Marie	Geneva
Antos, Edward Anthony	Buffalo
Arkland, Joyce Carolyn	Buffalo
Arnone, Vincent Charles	Buffalo
Arntz, Allan Thomas	Niagara Falls
Aronica, Frank P.	Buffalo
Auer, Richard B.	Buffalo
Auerbach, Richard Carlton	Buffalo
Augustine, Joan Marie	Buffalo
Avery, Doris Jean	Lackawanna
Ayrault, Penelope Jane	Ripley
Baer, James Wilson	Buffalo
Bahrt, Gretchen Mildred	Buffalo
Bailey, Elizabeth Maud	Nichols
Bailey, Harry Francis	Lockport
Baker, Janet Lois	Kenmore
Balbierz, Joan Nora	Snyder
Baldwin, Janet Ann	Buffalo
Ballard, James	Dunnville, Ont.
Bamberg, Joan Florence	Buffalo
Barberio, Gilbert J.	Williamsville
Barish, Donald	Buffalo
Barkhuff, Harold	Elsmere
Barrows, Beverly Anne	Wilson
Bartkowski, Dorothy Jo	Buffalo
Batyra, Theresa A.	Buffalo
Bavissotto, Rita Marie	Buffalo
Beach, Ellen Harriett	Elba
Becker, Arthur Fred	Buffalo
Belchner, Glorian Mae	Lockport
Belfer, Bernard	Brooklyn
Bement, Lyle William	E. Aurora
Besstak, Ellen Mary	Buffalo
Bernstein, Arlene Ruth	Buffalo
Bescker, Doris Winnifred	S. Dayton
Betzer, Lois Katherine	Buffalo
Bianchi, Carol A.	Buffalo
Blackman, Shirley Mae	Buffalo
Blanchard, Marjorie Jane	Buffalo
Blaney, Anita Jean	Lancaster
Blouch, Arlene Mae	Buffalo
Bogach, K. Kenneth	Brooklyn
Bosso, Gloria I.	Niagara Falls
Breach, Thomas James	Buffalo
Breitwieser, Rita Rose	Buffalo
Brink, Hubert Maurice	Walton
Brodnick, Henry Frank	Buffalo
Brooks, Joanne	Ebenezer
Brooks, Richard Gordon	Buffalo
Brown, Marilyn R.	Batavia
Brown, Marjorie Ruth	Salamanca
Brown, Ronald Barron	Buffalo
Brown, Vivian Elizabeth	Buffalo
Brucato, Joan Louise	Buffalo
Brunner, Charles James	Buffalo
Buell, Gladys Ruth	Fulton
Bundt, Caroljoan Alberta	Buffalo
Burke, Virginia Catherine	Buffalo
Burnett, Ruth Genevieve	Ransomville
Burton, Mary Jane	Wilson
Buscaglia, JoAnne Christine	Buffalo
Butlak, Alphonso Jr.	Buffalo
Caldwell, Lucy Edgar	Buffalo
Campbell, Evelyn	Buffalo
Campbell, James Francis	Buffalo
Capen, Albert Thomas	Newfane

Name	City, Town
Cardenuto, Emma Anne	Buffalo
Carlozzi, Patricia Ellen	Buffalo
Carman, Irene	Niagara Falls
Carnevale, Peter Eugene	Attica
Carter, Charles Bruce	Palmyra
Catena, Eleanor D.	Buffalo
Cechini, Norine	Buffalo
Cehulic, Helen Lily	Lackawanna
Chambos, Bessie Eugenia	Buffalo
Chapman, Fred Earl	Buffalo
Chase, Mary Theresa	Bellmore, L. I.
Chesley, Edith Ellen	Kenmore
Christ, Richard	Brooklyn
Ciancone, Lena	Buffalo
Cimo, Rose Marie	Buffalo
Ciureczak, Thomas Frederick	Buffalo
Clark, Richard Daniel	Buffalo
Clarke, Beverly Ann	Mohawk
Coates, Richard Fredrick	Kenmore
Cohen, Sandra	Port Jervis
Coles, Leah Elsie	Buffalo
Collins, Albertina Anna	Cherry Valley
Collins, Jane Marie	Buffalo
Collins, Richard William	Niagara Falls
Comerford, Marianne Katherine	Buffalo
Condon, Norene Elizabeth	Syracuse
Connelly, Norman John	Buffalo
Conomos, Milton John	Buffalo
Cooke, Richard Murray	Lakewood
Cooley, Claire Mabel	Buffalo
Cooley, Jack Vernon	Buffalo
Cooley, Kathryn L.	E. Aurora
Coons, Phyllis Rita	Hudson
Copley, Joan Margaret	Kenmore
Coppola, Ralph Donald	Buffalo
Cordone, Louis Vincent	Buffalo
Coushaine, Charles Matthew Jr.	Buffalo
Cowley, Michael Stephen	Troy
Coyne, Mary Jayne	Avon
Cranmer, Frederick Richard	Buffalo
Crean, Dorothy Mary	Kenmore
Criscione, Salvatore David	Buffalo
Culver, Anne Mae	Olean
Danker, Geraldine Helen	S. Dayton
Davis, Helen Anne	Buffalo
Davis, Norma Ruth	Eggertsville
Dean, Carol Elnora	Ontario
DeAngelis, Margaret	Buffalo
DeCarolis, Olga Maria	Buffalo
DeFreis, William John Jr.	Buffalo
Dembinski, Chester Thomas	Buffalo
Demyanick, Dorothy	Buffalo
DeSormo, Ann D.	Buffalo
DeVault, Joan Esther	Amsterdam
Devine, Patricia Ruth	Buffalo
Devlin, Marjorie Ann	Buffalo
Dietz, John Bernard	W. Seneca
DiFelice, Joseph	E. Rochester
Dinerstein, Miriam Irene	Poughkeepsie
Dintino, Sylvia A.	Lockport
DiPaola, Marie Loretta	Buffalo
Dodge, Elba Mead	Buffalo
Donaldson, Robert John	Williamsville
Dorywalski, Elaine Beatrice	Buffalo
Dougherty, Carol Norma	Buffalo
Dowey, Margaret Mary	Buffalo
Dowling, Joanne Marie	Kenmore
Dowski, Julian John	Buffalo
Duiker, Winifred Alice	Euclid, O.
Dumbleton, Jack Lewis	Silver Springs
Edwards, Susan Isabel	Kenmore
Egan, Bernard Karl	Carthage
Eldred, Bettie Lee	Cherry Creek
Elliott, Millicent F.	Buffalo
Ellis, Edward F.	Buffalo
Ellis, Marjory Ruth	Buffalo
Endres, Evelyn Jeanette	Buffalo
Erbe, Barbara Louise	W. Hempstead

Name	City, Town
Esposito, Elizabeth	Marion
Evans, Beverly Geraldine	Buffalo
Evans, Kathryn Emily	Buffalo
Everts, Nelda Marie	Niagara Falls
Eyring, Marjorie Ann	Buffalo
Fabing, Barbara Jean	Buffalo
Fabozzi, Betty Ann	Buffalo
Farr, Carol Jane	Lewiston
Farrell, Thomas Francis	Buffalo
Feldbauer, James Frederick	Angelica
Felsen, Oscar R.	Hunter
Feltham, Reginald	Queens Village
Ferrentino, Bridget Rita	Buffalo
Field, Doris Aline	Geneva
Filsinger, Carol Jean	Buffalo
Finnigan, Kathleen Marcella	Amherst
Fisher, Donald Charles	Buffalo
Fisher, John Howard	Springville
Flash, David Anthony	Buffalo
Fleming, Mary Elizabeth	Buffalo
Flesher, Janet Arden	Williamsville
Flick, Margaret Ethel	Buffalo
Fox, Grace Marie	Fonda
Fox, Jeanne E.	Buffalo
Frainer, Ruth Marie	Buffalo
Francek, Frances	Hammondsport
Fraser, Mary Louise	N. Tonawanda
Freeman, John D.	Pulaski
Freeman, Stanley Howard	Bronx
Freeman, Verlene	Buffalo
Friedrich, Bertha Isabelle	Cheektowaga
Froese, Richard Albert	Chester
Gardner, Fayne Zerelda	Rochester
Garringer, Wallace Harrison	Buffalo
Gaughan, Jane Marie	Buffalo
Gebhard, Raymond Phillip	Buffalo
George, Donna Marie	Strykersville
George, John Nicholas	Buffalo
Gerbracht, Jack Richard	Derby
Gessner, Robert Harvey	Buffalo
Gibas, Patricia Anne	Buffalo
Gilligan, Mary Virginia	Alden
Gillmeister, Audrey Helen	Buffalo
Gitter, Shirley Louise	Buffalo
Glaser, Patricia Ann	Buffalo
Golden, John Robert	Buffalo
Goodian, Dolores Eileen	Lockport
Gough, Dorothy Phyllis	Geneseo
Grabarz, Mary Frances	Rye
Gracie, Margaret	Kenmore
Graczyk, Geraldine Jane	Buffalo
Grady, (Adeline) Patricia	Orchard Park
Grady, Carola Marie	Buffalo
Gray, Edward Adolph	Buffalo
Graziadei, Silvio Albert	Buffalo
Green, Melvina	Buffalo
Groh, Raymond Philip Jr.	Buffalo
Grove, Marilyn Jane	Kenmore
Guindon, Edward Joseph	Gardenville
Gurzynski, Martha Louise	Buffalo
Guzzetta, Charles Joseph	N. Tonawanda
Hale, Roland D.	Oakfield
Hambleton, Margaret	Buffalo
Hammarsten, Dagmar Lillian	Jamestown
Hammer, Kurt Eric	Brooklyn
Hampp, John Walter	Buffalo
Hansen, David	Buffalo
Hanson, Robert Milton	Buffalo
Harbeck, Joyce Elaine	Black Creek
Harmon, Marianne Ruth	Buffalo
Harrer, Rosemarie A.	Buffalo
Hassey, Harry James	Buffalo
Hauf, Carol Ann	Buffalo
Houghton, Raymond F.	Clemons
Hayes, Patricia Lorine	Kenmore
Heckle, Jane Ann	Pulaski
Heenan, Anne Marie	Olean
Heimgartner, Norman Louis	Tonawanda
Heintz, Lois Martha	Buffalo
Heist, Frances Martha	Alden
Henderson, Margaret Elizabeth	Buffalo
Henry, Phyllis Marie	Buffalo

Name	City, Town
Hens, John Francis	Buffalo
Hess, Dolores Stefania	Depew
Hickey, Elizabeth Noreen	Middletown, Cn.
Hiscutt, Carol Joan	Buffalo
Hoedt, Kenneth Charles	Buffalo
Hofmann, George Franklin	Howard Beach
Hogue, Joanne Elsie	Franklinville
Horan, Aileen Mary	Snyder
Horne, Alma Olice	Buffalo
Hospodor, Eleanor Susann	Endicott
Hoto, Christine E.	E. Rochester
Hubertus, Patricia Ann	Dansville
Human, Lois Clara	N. Tonawanda
Hunt, Edward Thomas	Orchard Park
Hurd, Jean Eloise	Elkland, Pa.
Hurley, Michael James	Buffalo
Hurley, William Joseph	Kenmore
Iannello, Russell	LeRoy
Irr, John Augustine Jr.	Williamsville
Irvine, Margaret Helen	Buffalo
Ivancic, Wilma Dorothy	Buffalo
Jukubowicz, Emilia Theresa	New York
James, Carolyn Meritt	Tonawanda
Janik, Irene Adele	Lackawanna
Jasielonis, Karl Alexander	Binghampton
Jaszka, Patricia	Buffalo
Jenkins, Mary Jane	Buffalo
Jennings, Richard Earl	Richburg
Jimerson, Geraldine Marie	Buffalo
Johnson, Audrey Beatrice	Jamestown
Johnson, Eileen Esther	Buffalo
Johnson, Lenora J.	Marion
Johnson, Nels G.	Wethersfield
Jones, Suzanne Ellen	Buffalo
Kalinski, Virginia Frances	Buffalo
Karlak, Andree Amy	Buffalo
Karpinski, Vivian Jean	Oswego
Keefe, Patricia Anne	N. Tonawanda
Keenan, Eugene Dwyer	Rochester
Keller, Loren Arthur	Lancaster
Kent, Berne Robert	Eggertsville
Kershaw, Helen	Buffalo
King, Dorothy Leda	Niagara Falls
King, Louise Anne	Buffalo
Kirkpatrick, Mary Ellen	Kenmore
Klapwald, Boris Yale	Peekskill
Klocke, Nancy Ruth	Buffalo
Knaggs, Joyce	Buffalo
Knapp, Roberta Marie	Akron
Knezevich, Steve	Tonawanda
Koch, Nancy Ellen	Buffalo
Kocialski, Dorothy Anne	Depew
Koenig, Herbert George	Buffalo
Kolloff, Suzanne O.	Youngstown
Kopp, Joanne Rae	Buffalo
Koran, Joan Kathryn	Northport
Korkuc, Joseph	Buffalo
Korona, Christine Theresa	Buffalo
Korovesis, Katherine	Buffalo
Kosher, Alice Marie	Euclid, O.
Kowalik, William Michael	Lackawanna
Krivins, Wilma Clair	Peekskill
Kuhn, Wilma K.	Kenmore
Kulis, Fred Richard	Ozone Park
Kurek, Raymond Edward	Williamsville
Kushner, Natalie June	Niagara Falls
Lagano, Thomas Joseph	Brooklyn
LaGattuta, Nicholas Peter	Buffalo
Laier, Elsie Ruth	Buffalo
Lamb, Mildred Helen	N. Tonawanda
Lamb, Willis Cobb	Buffalo
Lambeth, Patricia LaVerne	Kenmore
Landphair, Beverly Louise	Java Center
Larrison, Charles B. Jr.	Buffalo
Lauderdale, Huemina Ellen	Kenmore
Laughlin, David Nelson	Niagara Falls
Lebrenz, Dianne	N. Tonawanda
Lema, Rose Marie Marcia	Buffalo
Lien, Patricia Mae	Buffalo
Link, Carol Louise	E. Aurora
Lipkin, Leonard Charles	Albany
Lippert, Francis Joseph	Williamsville



Name	City, Town
Ljungberg, Alfred	Buffalo
Loftus, Ann Fay	Waterville
Lonezak, Mary Florence	Buffalo
Looze, Elaine Mary	Buffalo
Loveless, Shirley Ila	Buffalo
Lubell, David H.	Brooklyn
Lubick, Rosalyn Carol	Buffalo
Luther, Janet Marie	Tonawanda
Lyon, Heidi Marie	Buffalo
Lyon, Margaret E.	Guilford
McCarron, William D.	Buffalo
McClellan, Mary Margaret	Salamanca
MacDonald, Nancy	Flushing
McDonnell, Ann Rita	Lackawanna
McGee, M. Patricia	Lackawanna
McGowan, Gerard Francis	Buffalo
McNicholl, Marianne Bridget	Corfu
MacWade, Robert W.	Buffalo
McWilliams, Sandra Joyce	Amsterdam
Mabie, Geraldine Ann	Clyde
Madison, Marjorie Helen	Buffalo
Maggione, Marie Jane	Williamsville
Maisch, Charles Leon	Williamsville
Maishak, Patricia Marie	Buffalo
Makey, Joan Alice	Buffalo
Malone, Mary Louise	Buffalo
Mamott, Arthur Walter	Buffalo
Mancuso, Clarine Patricia	LeRoy
Mancuso, James Joseph	Buffalo
Mandel, Walter Franklin	Buffalo
Manhardt, Frank Richard	Buffalo
Manzella, Frank Lee	Silver Creek
Marcinowski, Ann Jane	Niagara Falls
Marion, Thomas Francis	Geneva
Markham, Robert Lewis	Buffalo
Marmion, Kathleen Winifred	Snyder
Marshall, Noelle Anne	Ebenezer
Mary, John R.	Buffalo
Marzello, Paul Joseph	Buffalo
Masterson, Barbara R.	Snyder
Masterson, Paul A.	Buffalo
Maue, Patricia Ann	Buffalo
Mauri, Marilyn Jean	Buffalo
Maxwell, Jeanne Elizabeth	Newfane
May, Betsey G.	Suffern
May, Loraine Mary	Cheektowaga
Mead, Jeanne Ann	Hamburg
Meehan, J. Margaret	Suffern
Merz, Delores Marie	Buffalo
Metersky, Marvin Daniel	Freehold, N. J.
Michaels, Sheila	Roosevelt
Miller, Donald Bernard	Buffalo
Miller, John Marshal	Kenmore
Miller, Lawrence Earl	Enfield
Miller, Robert	Buffalo
Mittler, Marilyn	Buffalo
Molcan, Norene Addlyn	Corning
Montanari, Eleanor Mary	Buffalo
Monteith, William D.	Buffalo
Moody, Howard Fleming	Niagara Falls
Morgan, Jean Mary	N. Tonawanda
Moritz, Barbara Elizabeth	Salamanca
Morrison, Phyllis Ann	Blasdell
Morse, Willard Darrin	Lindley
Moss, Alfreda Fay	Buffalo
Mullenhoff, Joan Elizabeth	Gardenville
Murphy, Ruth Eunice	Orchard Park
Murty, Mary Louise	Kenmore
Musclow, Floyd Robert	Webster
Myers, Charlotte Ann	Fulton
Myers, Mary Elizabeth	N. Collins
Myers, Regina Margaret	Darien Ctr.
Nelson, Suzanne Jane	Falconer
Neureuter, Joyce Anne	Buffalo
Nicholls, Donald	Buffalo
Nicholls, Sally Adair	Buffalo
Nielson, Betty Jean	Penn Yan
Niess, Barbara A.	Buffalo
Nolan, Robert Emmett	Niagara Falls
Norton, Patricia Josephine	Buffalo
Nowak, Frank Harry Jr.	Buffalo
Nowakowski, Patricia Ann	Buffalo

Name	City, Town
Nowlin, Dorothy Mae	Buffalo
Olin, Harvey Martin	W. Seneca
Okoniewski, Dolores M.	Buffalo
Ordway, Dorothy Jean	Tonawanda
Ortoleva, Lucille Ann	Johnstown
Osinski, Gertrude Anne	N. Tonawanda
Paci, Joseph Anthony	Niagara Falls
Pahl, Margaret Betty	Lackawanna
Parrinello, Paul Jack	Buffalo
Parton, James Ronald	LeRoy
Patterson, Lois A.	Buffalo
Paul, Barbara S.	Buffalo
Paul, Janet E.	Buffalo
Pazdzierski, Henry F.	Buffalo
Pehit, Isabel M.	Gardenville
Pentick, Joseph Michael	Buffalo
Perlmutter, David	Brooklyn
Petock, Victor Angelo	Buffalo
Pieper, Emil Julian	Elma
Pitonyak, Dorothy Anne	Niagara Falls
Pizzo, Peter Joseph	Rochester
Podnieszinski, Matthew A.	Cheektowaga
Polakoff, Eileen Reva	Buffalo
Polisoto, Doris Jean	S. Dayton
Pontlitz, Ruth Dolores	Buffalo
Prawel, Betty Kathleen	Williamsville
Provenzano, Vincent John	Buffalo
Ramsay, John Charles	N. Tonawanda
Rapke, Edwin Carl	Rome
Rasmussen, Alice Lou	Chazy
Raquet, Virginia Annette	Clarence Ctr.
Reali, Norma Columbine	Buffalo
Reap, Loretta Mary	Lackawanna
Rector, Jane Mae	Buffalo
Reed, Lucy Anne	E. Aurora
Reimann, William	Buffalo
Reimers, Richard Edwin	Spring Brook
Renzi, Anthony Joseph	Buffalo
Reville, Paul Michael	Buffalo
Rhoda, Nan Lou	Niagara Falls
Richards, Berneva Maude	Sanborn
Richards, Martha Anne	Hewlett
Richardson, Dolores	Buffalo
Richell, Frederick Alan	Tonawanda
Rifenburg, Marilyn June	Red Hook
Rigdon, Jane	Elmira
Riley, John Richard	Jamestown
Rittman, Adah, Mary	Hamburg
Rizzo, Roslyn	Buffalo
Robertson, Margaret Kathryn	Buffalo
Robinson, Clayton	Buffalo
Roebuck, Betty	Walden
Roeder, Richard Henry	Buffalo
Rogers, Milton Leslie	Richburg
Roland, Merle William	Buffalo
Roller, Violet Alice	Garden City
Romanczuk, Alexandra Marie	Buffalo
Rorarius, Ralph Edwin	Cheektowaga
Rosenstone, Rita Joan	Suffern
Runkel, Jane Shirley	Buffalo
Russo, Francis Paul	Buffalo
Rust, Robert Arthur	Buffalo
Rybczynski, Dolores J.	Buffalo
Saeger, N. Jean	Ceres
Salerno, Russell Anthony	Buffalo
Sanfilippo, Anthony Carl	Buffalo
Sanford, David Cole	Albion
Sapienza, Louise Ann	Oakfield
Sauer, Elizabeth Ann	Depew
Saunders, Donald Jack	Buffalo
Schalk, Lorene Grace	Buffalo
Schapiro, Edith Judith	Buffalo
Schiffmacher, Georgianna Alice	Woodmere
Schiffman, Florence Rea	Buffalo
Schiller, Janice Ruth	Buffalo
Schilling, Ellen Margaret	Buffalo
Schingek, Marilyn Marjorie	Tonawanda
Schlenker, Ruth Adelia	Buffalo
Schlicht, Anita Joan	Buffalo
Schlierf, Jane Loretta	E. Amherst
Schmidt, William Joseph	Buffalo
Schmitt, Raymond Howard	Buffalo

Name	City, Town
Schneggenburger, Mary Lenarda	Buffalo
Schneider, James Edward	Lancaster
Schunke, Evangeline Marilyn	Buffalo
Schuttrum, Eleanor Elizabeth	Buffalo
Schwank, Jack H.	Snyder
Schwert, Herman F.	Buffalo
Schwerthoffer, Susan Elizabeth	Corfu
Sciortino, John Paul	Flushing
Scott, Patricia June	Buffalo
Scribner, Donald Paul	Buffalo
Seaman, Neil Warren	Perinton
Secord, Joan Kew	Kenmore
Seibert, Albert Frank	E. Aurora
Sercu, Marilyn Rose	Buffalo
Sessum, Lula Washington	Buffalo
Sgroi, Louis Humphrey	Buffalo
Sharp, Margaret Elizabeth	Jamestown
Sharpe, Marjorie Jane	Buffalo
Shaw, Ann	Buffalo
Shelley, Donald Curtis	Bellport
Shubert, Louise Antoinette	N. Collins
Shumake, Joan Elizabeth	Avon
Sidel, Herman David	Buffalo
Sidford, Evelyn Kathryn	Buffalo
Simon, Reuben	Buffalo
Sitzman, Marian Jacqueline	Buffalo
Siuta, Stephen S.	Niagara Falls
Skarin, Ruth Elizabeth	Kenmore
Slisz, Henry	Buffalo
Small, Carol	Victor
Smith, Cynthia	Snyder
Smith, Frances Helen	Lockport
Smith, Joyce Marilyn	Kenmore
Smith, Marcia Lucille	Buffalo
Sobczak, Stephanie Pauline	Attica
Solowski, John Edward	Rochester
Sotel, Faith Alberta	Garden City, L. I.
Sovelove, Harlene	Peekskill
Sowinski, Donald Joseph	Buffalo
Spitzer, Matthew Lawrence	Niagara Falls
Stacey, Kenneth Jacob	Buffalo
Stahlberg, Joan Eloise	Babylon
Stainbrook, Judith Mary	Buffalo
Stankiewicz, Sylvia Barbara	Sloan
Stark, Mary Alice	Buffalo
Starkey, James Edward	Spring Valley
Steffan, Mary W.	Buffalo
Steinberg, Judy R.	Mt. Vernon
Stoebr, Richard Kustes	Southampton
Stone, Ann Mary	Buffalo
Stortz, Ornolla Rosal	Buffalo
Streif, Robert Frederick	Ebenezer
Striegel, Gloria M.	Buffalo
Stromberg, Harold	Buffalo
Sunshine, Marilyn	Buffalo
Sutz, Barbara Anne	Buffalo
Swieczkowski, Lucille C.	Eden
Szado, Edward J.	Buffalo
Szelazkiewicz, Leon F.	Buffalo
Tarantino, Ann Marie L.	Buffalo
Tesi, Clara	Buffalo
Thompson, Dolores Eleanor	Kenmore
Tolsma, Richard George	Snyder

## SOPHOMORE REGISTRATION

Name	City, Town
Abbott, Elaine Marie	Williamsville
Abrams, Edward Carl	Buffalo
Adamick, Daniel R.	Buffalo
Adams, Clarence Eugene	Coffee
Ahr, Richard Charles	Buffalo
Allen, Patricia Helen	Groveland
Allen, Richard Bradley	Buffalo
Anderson, D. Estelle	Buffalo
Anthony, Teresa Ann	Lackawanna
Archer, John Edward	Buffalo
Ashley, Elizabeth E.	Glen Head, L. I.
Aspell, Virginia Elaine	Centerville
Augustine, Catherine Ellen	Buffalo

Name	City, Town
Torba, Edward Joseph	Lackawanna
Totaro, Joseph Ralph	Buffalo
Trader, Albert John	Buffalo
Trainer, Patricia Anna	Bayville, L. I.
Treppel, David S.	Freeport
Tucci, Stanley	Peekskill
Tulipane, Mary Jane	Eggersville
Turner, Geraldine Esther	Mayville
Twapozek, Stephen E.	Buffalo
Vacanti, Frank Russell	Buffalo
Vance, Phyllis Ann	Kenmore
Vann, Nancy	Hamburg
Van Dusen, Ruth Mildred	Corning
Van Ghe, Marceline F.	Buffalo
Vasbinder, Roswell F.	Buffalo
Vullo, Vincent	Buffalo
Wacker, Juanita LaVerne	Williamsville
Wagner, Betty M.	Buffalo
Wagner, Leon Richard	Cohocton
Walburg, Jane Harriett	Orchard Park
Wallum, Richard J.	Buffalo
Walsh, Martha Ann	Buffalo
Wantzel, Gloria	Buffalo
Weast, Donald Roy	Orchard Park
Webb, Brenda Lou	Mt. Morris
Webb, June Emily	Belfast
Weber, Raymond Edward	Buffalo
Webster, Patricia Ann	Buffalo
Weed, James Edward	Little Valley
Weidner, Norman Martin	Buffalo
Weinheimer, Ellen Rosemary	Buffalo
Weiss, Robert Martin	Cambria Hts.
Wells, James Paul	Buffalo
Wells, Mary Louise	Buffalo
Wensley, Roberta Rose	Niagara Falls
Wenzel, Janice Mae	Brookhaven
Weppner, Joanne Mary	E. Aurora
Werrick, Arlene Estelle	Buffalo
Wescott, Fred	Elmira
Westphal, Dancan	Buffalo
Whallon, Ruth Brown	Kenmore
Wheatley, Mary Esther	Hamburg
Whitehead, William John	Williamsville
Whitney, Barbara Jeanne	Dansville
Wicker, Karle Edward	Buffalo
Wilcox, Elizabeth Spencer	Bergen
Wilger, Janet Mae	Buffalo
Wilkinson, John Alexander	Pt. Washington
Williams, John Joseph	Buffalo
Wilson, DuWayne E.	Wellsville
Wilson, Edith Leonard	Attica
Wilson, Laura Henrietta	Buffalo
Witter, Frances Genevieve	Cuba
Wohl, Edith	S. Fallsburgh
Wright, Barbara Ann	Franklinville
Yacos, John	Tonawanda
Yutz, Norma Evelyn	Gloversville
Zierk, Clifford Wilbert	Kenmore
Zinni, Nicolette Helen	Batavia
Zuch, G. William	Tonawanda
Zuckerman, Marilyn	Schenectady
Zuydhoeck, George David	Briarcliff Manor
Zyckowski, Theresa Ann	Buffalo

Name	City, Town
Avrunin, Amy Lois	Buffalo
Ball, Doris Sabina	Mt. Vernon
Barback, Nancy	Buffalo
Barker, Robert Edgar	Buffalo
Barnum, Mary Patricia	Lockport
Bartel, Edward Raymond	Buffalo
Beanan, M. Charlotte	Buffalo
Beattie, Barbara Ann	Lockport
Bedell, Robert William	Tonawanda
Bell, Shirley Ann	Buffalo
Bellinger, Shirley Jewell	Buffalo
Beres, Phyllis Gloria	Hurleyville
Bethwaite, Averil Patricia	Buffalo



Name	City, Town
Beuther, Esther Anne	Buffalo
Bianco, Lucy Frances	Buffalo
Bidleman, George Donald	Buffalo
Blakeslee, Charles J.	Kenmore
Booker, Shirley Carol	Buffalo
Borchard, Robert Daniel	Buffalo
Borden, Carol Elizabeth	Hornell
Bordonaro, Michael Vincent	Buffalo
Borngraber, Verna Mae	Irving
Bove, Joseph Kelley	E. Aurora
Bowen, Shirley Ann	Buffalo
Bowins, Joyce Patricia	Lackawanna
Breitenbach, Norma M.	Tonawanda
Brickey, Vivian Ann	Massena
Britting, Charles Robert	Clinton
Broel, Nancy	Buffalo
Brooks, Margaret Edna	Tonawanda
Brooks, Robert Charles	Buffalo
Brothers, Charlotte Miriam	Buffalo
Brown, Annie Elizabeth	Buffalo
Brown, Patricia P.	Buffalo
Brown, Veronica Jenny	Hornell
Brunetto, Grace Carmelia	Johnstown
Bryant, Betty Louise	Kingston
Buhrmaster, Marilyn Emma	Amsterdam
Bull, Nancy Matteson	Buffalo
Burroughs, Halcyon Ruth	Buffalo
Bycina, John Anthony	Buffalo
Butler, Patricia Foley	Buffalo
Caines, Grace Elma	Buffalo
Cardarelli, Marie Phyllis	Buffalo
Carfagna, Mary G.	Buffalo
Carlson, Dorothea Mona	Soyea
Carney, Edward Joseph	Buffalo
Carpenter, Josephine Ann	Buffalo
Carr, Patricia Ann	Williamsville
Cary, Jane Annette	Boston
Castiglione, Rachel	Niagara Falls
Chazen, Boris W.	Buffalo
Chinnelly, Joseph Anthony	E. Rochester
Chlipala, Rita C.	Buffalo
Christmann, Edwin A.	Buffalo
Chupas, Ruthe Linda	Buffalo
Cicattello, Thomas Frank	Buffalo
Clemente, Vincent Rocco	Utica
Clise, Ruth A.	Waterloo
Cohen, Annabelle	Buffalo
Cohen, Reuven Z.	New York
Coleman, Mary Catherine	Kenmore
Conklin, Barbara Ann	Buffalo
Conklin, Katherine Loraine	Cuba
Corcoran, Joanne Agnes	Buffalo
Cordner, Clarence F.	Depew
Coughlin, Mary Ellen K.	Rochester
Courtney, June Marie	Kenmore
Creola, Doris Vaughn	Buffalo
Crespi, David Emanuel	Brooklyn
Cristina, Agnes Annette	Buffalo
Cunningham, Donna Maria	Egbertsville
Cunningham, Roger Paul	Niagara Falls
Cunningham, William Burr	Fulton
Danahy, Jean Marie	Buffalo
Davis, Marion Dorothy	Lackawanna
DeGrood, Margaret Mary	Buffalo
Deptula, Richard Valentine	Buffalo
DeSoto, Jean M.	Tarrytown
Diggins, James Joseph	Buffalo
Dillon, Molly Izena	Kenmore
DiSanti, Joanne Ida	Buffalo
Dixon, Thomas Francis	Buffalo
Dolac, Mildred Kathryn	Lackawanna
Doleman, Carolyn Ruth	Kenmore
Domescek, Ralph A.	Cheektowaga
Dominiak, Eugene John	Lackawanna
Donner, Harold W.	Lockport
Dopp, Robert Francis	Buffalo
Downer, Janice Lee	Forestville
Doyle, George P. Jr.	Buffalo
Drexelius, Nancy Jane	Egbertsville
Dumke, Leo George	Attica
Dutcher, Martin Luther	Middleport
Duttweiler, Anita R.	Clarence Ctr.

Name	City, Town
Dybowski, Henry Andrew	Hamburg
Eckel, Jane Marie	Buffalo
Eddy, Edwin Elmer	Rochester
Eisenhauer, Jeanette Irene	Derby
Eklum, John Edward	Dunkirk
Elliott, Richard M.	Buffalo
Elwell, John Willis	Buffalo
Enser, Jane Frances	Buffalo
Evans, John James	Kenmore
Ey, Mildred Cypers	Buffalo
Falsone, Isabella	Mt. Morris
Federico, Pasquale	Dunkirk
Figiel, Chester Richard	Woodlawn
Finley, Joan Elizabeth	Buffalo
Finsterbach, Joanne Marie	Derby
Fiorito, William Arthur	Buffalo
Fitzgerald, Margaret Mary	Buffalo
Flanigan, Norman William	Buffalo
Flavin, Joan Marie	Kenmore
Flint, William	Buffalo
Flynn, Joan	Olean
Fornes, Mary Elizabeth	Buffalo
Foster, Gloria Marie	Ransomville
Foster, Jack Richard	Hamburg
Fradkin, Murray G.	New York
Franklin, Kenneth Jules	Buffalo
Freeland, Kenneth M.	Buffalo
Freund, Carol Mae	Buffalo
Fry, Harriet Geraldine	Schenectady
Fulciniti, John Peter	Buffalo
Fulton, Jack Pierpoint	Binghampton
Funcheon, Norene Ann	Buffalo
Gach, Leon	Buffalo
Gallagher, Ellen Louise	Buffalo
Garrison, Elizabeth Rose	Romulus
Gassman, James Herman	Angola
Giangreco, Angelina Della	Buffalo
Gilson, John Leslie	Jamestown
Giove, Lucille Rose	Niagara Falls
Gipp, Jean May	Kenmore
Gleason, Joyce Joan	Kenmore
Gorski, Alberta Helene	Depew
Grabowski, Andrew Paul	Buffalo
Graham, Nancy Lucinda	Stafford
Graser, Patricia Jean	Buffalo
Gray, George Thompson	Valley Stream
Greene, Ednabel	Hamburg
Greenfield, Lois Sheila	Niagara Falls
Griffin, Thomas J.	Buffalo
Guenther, Marie Alice	Buffalo
Haber, Muriel Phyllis	Buffalo
Haberer, Robert Earl	Buffalo
Habicht, Edward August	Buffalo
Habicht, Robert George	Buffalo
Harris, Gloria Elizabeth	Buffalo
Hart, Patricia Ann	Williamsville
Harvey, Velma E.	Conewango Valley
Haug, Shirley Ann	Buffalo
Heck, Jean Esther	Snyder
Heckel, Norma Ruth	Buffalo
Heeden, Melvin Earl	Jamestown
Heffley, Joan Carol	Buffalo
Heichberger, Robert Lee	Boston
Heimerle, Barbara Joan	Buffalo
Henninger, Charles E.	Ozone Park
Hendershot, James Carl	Niagara Falls
Hermann, Arlene M.	Buffalo
Herniman, Janet Renwick	Buffalo
Higgins, Francis Joseph	Tonawanda
Hill, John Leslie	Tonawanda
Hippchen, Jean Alice	Buffalo
Hoak, Donald Richard	Niagara Falls
Hoare, James Francis	Buffalo
Hoffman, Phyllis Marilyn	Buffalo
Hojnacki, Lottie Anne	Derby
Hollenbeck, Shirley Ann	Lockport
Holliday, Robert Wray	Buffalo
Holmes, William E.	Rochester
Holton, Lenora Grace	Buffalo
Hoth, Janet Elizabeth	E. Aurora
Houghton, Grace Ann	Groton
Houston, William George	Angola

Name	City, Town
Howard, Carol Rachel	Buffalo
Howlett, Merilee Rae	Morrisville
Hubregsen, Ralph Donald	Rochester
Huckins, Earl Charles	N. Tonawanda
Hughes, Eloise Anna	Bath
Hughes, Lawrence Paul	Arcade
Hujer, Albert Paul	Buffalo
Hurley, Sharon Claire	Buffalo
Huth, Beverly Ann	Kenmore
Hyde, Barbara Jane	Granville
Hyland, Dawn	Derby
Iflander, Clayton Fred	Buffalo
Irek, Eugene Frank	Buffalo
Jacob, Frederick A. Jr.	Buffalo
Jacobs, Dorothy Mae	Niagara Falls
Jacobs, John Joseph	Lancaster
Janowsky, Russell Paul	N. Tonawanda
Janowsky, Warren Ellmann	N. Tonawanda
Jarratt, Rodney Alexander	Buffalo
Jensen, Allan Charles	E. Bethany
Jepson, Joan Marie	Buffalo
Johnson, Carol Louise	Olean
Jolly, Margaret Elizabeth	Buffalo
Jordan, Evelyn Elaine	Buffalo
Joyce, Edward John	Buffalo
Joyce, Patricia Ann	Buffalo
Juen, Clifford H.	Potsdam
Julius, William Edward	Buffalo
Kadey, Jayne Kay	Buffalo
Kainski, John	Buffalo
Kalata, Matthew Norbert	Buffalo
Kallett, Albert Irving	Buffalo
Kaminski, Norman Chester	Buffalo
Kanegowski, Roberta Natalie	Buffalo
Kaupelis, Robert John	Amsterdam
Kautz, Paul William	Olean
Kellerhouse, Jane Elizabeth	Syracuse
Kelly, Janet Ann	Buffalo
Kingston, Jean Marie	Kenmore
Klaia, Dorothy	Lancaster
Kline, Genevieve G.	Buffalo
Klopf, Irma May	Buffalo
Knapp, Betty Frances	Tonawanda
Knickerbocker, Eleanor L.	Corning
Koch, Donald E.	Buffalo
Kopp, Lucille M.	Syracuse
Krehan, Arthur William	N. Tonawanda
Krzywicka, Theresa Theodosia	Buffalo
Kubalak, Richard John	Buffalo
Kuhn, Mary E.	Buffalo
Kurek, Joyce C.	Buffalo
Lalli, Lou	Buffalo
Lane, Marjorie Mae	N. Tonawanda
Lang, Donald Frank	Williamsville
Lang, Robert Benjamin	Buffalo
Larrabee, Loise Ann	Buffalo
Larsen, Ellen	Buffalo
Lawrie, David Nordin	Tonawanda
Lawrie, Mary Wright	Yonkers
Leake, Harrison David	Huntington
Ledwin, Norma E.	Buffalo
Lehner, John Anthony	Buffalo
Leonberger, Shirley Ruthe	Buffalo
Lewandowski, Allen Norman	Buffalo
Lewis, Robert Joseph	Buffalo
Licata, Michael Frank	Buffalo
Lockwood, Barbara Norrine	Mt. Vernon
LoCurto, Mary Jane Diane	Buffalo
Lohr, Joan Marie	Lackawanna
Lohrey, Sherwood David	Buffalo
Long, Betty Belle	Buffalo
Long, Marguerite J.	Buffalo
Lundgren, Martha Ellen	Niagara Falls
Lutz, Ellen Marie	Lockport
McBride, Patricia Frances	Buffalo
McCarthy, Alan Lee	Tonawanda
McDonald, James William	Indian Lake
McDonald, Jean Shirley	Buffalo
McDonough, Joan Ruth	Buffalo
McDonough, Mary Bride	Buffalo
MacDowell, Jean Margaret	Oswego
McGill, June Mary	Buffalo

Name	City, Town
McGreevy, Edward James	Niagara Falls
McKinnis, Asa Finlay	Westfield
McNamee, Joan Ann	Buffalo
McNeil, Muriel Elizabeth	Buffalo
Macro, Virgil Jordan	Buffalo
Maichin, Ernest Charles	Buffalo
Maichin, Joseph Peter	Lakeview
Maiman, Helene	Buffalo
Mandel, Mary Jane Agnes	Buffalo
Marcotte, Florence Teresa	Buffalo
Marnon, Anne Louise	Niagara Falls
Martin, Eugene Robert	Buffalo
Markwardt, Raymond	Buffalo
Mateczan, Joseph Dominic	Buffalo
Matthews, Audrey Ruth	Buffalo
Matthews, John Casper	Niagara Falls
Matuszak, Frank Stephen	Buffalo
Maurer, Robert Louis	Buffalo
Mayer, James Albert	Buffalo
Mazzei, Lorraine Victoria	Niagara Falls
Meier, Margaret Reilly	Buffalo
Mendola, Clara Agnes	Buffalo
Mergel, Philip Andrew	Buffalo
Mergenhausen, Sally Ann	Buffalo
Mertzluft, Joan Margaret	Buffalo
Mesiah, Marie E.	Buffalo
Meyer, Beverly Ann	Snyder
Milbrandt, Mildred Louise	Quaker Bridge
Militello, Christian Joseph	Farnham
Milutinovic, Joseph D.	Buffalo
Monnen, Charles F.	Youngstown
Montgomery, Millicent P.	Salem
Moon, Mary Irene	Youngstown
Morad, Phyllis M.	Blasdel
Morris, Mary Ellen	Buffalo
Morse, John P.	Buffalo
Mullenhoff, Mary Ida	Buffalo
Murdock, Patricia Ann	Tonawanda
Murphy, Ellen Virginia	Red Hook
Murray, Dorothy Ruth	Buffalo
Murtha, Rosemary Ann	Buffalo
Nadon, Joanne Elizabeth	Tonawanda
Napier, Jeanne A.	Buffalo
Nasca, Carl Joseph	Dunkirk
Nauth, Janice Annadele	New Rochelle
Neild, Elizabeth L.	Hornell
Neureuter, Marion Florence	Buffalo
Neureuter, Shirley Joan	Buffalo
Nichols, Volney Willard	North Java
Nicholson, Erwin	Buffalo
Nowakowska, Mary A.	Buffalo
Nowakowski, Gloria Frances	Buffalo
O'Connor, Mary Aileen	Buffalo
O'Dell, Jane Lois	Buffalo
O'Donnell, Barbara Jean	Buffalo
Oehler, Betty Ann	Buffalo
O'Leary, Julia Ann	Buffalo
Oliver, Evelyn Gloria	Portageville
Olsen, Muriel June	Freeport
Olsen, Patricia Jean	Syracuse
Orslet, David Karl	Rochester
Osolkowski, Joanne Annette	Buffalo
Ottney, Ann Magdalen	Williamsville
Owen, Marion Jane	Kenmore
Paget, William	Buffalo
Panasci, Arlene Maria	Buffalo
Parker, Jacqueline L.	Buffalo
Parton, Kenneth Raymond	Buffalo
Pascoe, Bonny Jean	Buffalo
Patrie, Milton Ingalls	Castleton on Hudson
Pearson, Lois Wilma	Buffalo
Pecoraro, Mary	Buffalo
Pennington, Gloria Lillian	Buffalo
Pepicello, Joseph Charles	Buffalo
Peritore, Rosemarie Leona	Buffalo
Peter, Marjorie Anna	Castleton on Hudson
Peter, Russell Alan	Buffalo
Petko, Richard Peter	Buffalo
Pfeiff, Jeanne Edith	Unadilla
Pierce, Patricia Allen	Lockport
Plunkett, Norma Helen	Buffalo
Polak, Mary Jane	Buffalo



Name	City, Town
Polino, Anthony	Buffalo
Pollard, Ruby Wilma	Geneseo
Poulton, Wallace Edward	Mineola
Powel, John Samuel	Buffalo
Presutti, Peter William	Belmont
Prusak, Phyllis Beatrice	Buffalo
Przygocki, Viola Frances	Glen Cove
Puckhaber, Ann Marie	Buffalo
Pudlebaugh, Mary Lela	Dryden
Pudlewski, Richard John	Buffalo
Rasche, Sidney A.	Tonawanda
Ray, Lloyd Harry	Buffalo
Rauch, William Reid	Kenmore
Reagan, Louise Ludlow	Buffalo
Reed, Norma Jean	Buffalo
Reeve, Constance Marie	Mittituck
Reid, Allan Gordon, Jr.	Pomfret
Reid, Mary Elizabeth	Tonawanda
Reisinger, Robert Kenneth	Buffalo
Remmes, Shirley Ruth	Buffalo
Rentschler, Jane Marie	Buffalo
Resch, Margaret Catherine	Buffalo
Richardson, Nola Rita	Buffalo
Rizzo, Margaret Mary	Dunkirk
Roden, Edith Anne	N. Tonawanda
Roesch, Barbara Ann	Rochester
Rogers, Marilyn Eunice	Buffalo
Ronald, Donald Jacob	Buffalo
Rooney, Marilyn Anne	Buffalo
Rosati, Angelo V.	Buffalo
Rosati, Antoinette J.	Lockport
Roseberry, Diane Marie	Kenmore
Rosinski, Edwin Anthony	Buffalo
Rosokoff, Joel Jay	Tonawanda
Rothaug, Mary Julia	Eden
Rudman, Carolyn Rose	Rochester
Russell, Menry Allen	Elmira
Rutherford, Jean Frances	Niagara Falls
Ryan, Paul James	Buffalo
Ryen, Thelma Lorraine	Buffalo
St. John, Anne W.	Eggertsville
Saladino, Angeline Marie	Buffalo
Salisbury, Ronald Arthur	Boston
Sardina, Frank Russell	Buffalo
Saunders, Elaine Rita	White Plains
Savarie, Robert Lee	Indian Lake
Savuto, Peter John	New Rochelle
Saxton, Carole L.	Lockport
Schaal, Helen Esther	Wilson
Schaefer, Anita Mary	Eggertsville
Schaeffer, Norma Ruth	Buffalo
Schaffner, Rosemary Adele	Buffalo
Schamber, Elmer Joseph	Buffalo
Scheller, Nina Joan	Buffalo
Schmelzer, Noreen G.	Buffalo
Schmidt, Georgia Anne	Buffalo
Schosek, Alvina Kathryn	Cheektowaga
Schulman, Ellsworth D.	Buffalo
Schutrum, Paul John	Buffalo
Schutt, Dorothy Antoinette	Tonawanda
Schwob, Thomas Nelson	Buffalo
Scime, Anthony	Buffalo
Sciole, John A.	Buffalo
Scott, Lorraine	Buffalo
Scott, Richard	Bolivar
Seitz, Patricia Anne	Eggertsville
Sewert, Jack Fred	Cheektowaga
Shafer, Claribel	Buffalo
Shahin, James	Niagara Falls
Shearer, Mary Elizabeth	Hornell
Sheffield, Janet Vera	Buffalo
Shelly, Beatrice Vivian	Buffalo
Sieroslawska, Eleanor Helen	Buffalo
Sirface, Barbara Mae	Buffalo
Skinner, Gerald Robertson	Branchport
Slawatycki, Richard Joseph	Buffalo
Smith, Audrey Lorraine	Angola

Name	City, Town
Smith, Lois Betty	Buffalo
Soldwedel, Shirley Ann	Hamburg
Spedding, Edward F.	Ithaca
Spelich, Louis Anthony	Lackawanna
Spilsbury, Gwyneth Anne	W. Seneca
Spina, James Patrick	Dunkirk
Spinner, Frank Joseph	Buffalo
Stachowiak, Mildred T.	Buffalo
Stafford, Phyllis Charlotte	Buffalo
Starkey, Frances Leonore	N. Tonawanda
Staszak, Dolores Emilia	Buffalo
Steele, Tener	Buffalo
Steffan, Isabelle Zita	Buffalo
Stencel, Joseph George	Buffalo
Stiegler, George John	Buffalo
Stoll, John Frederick	Snyder
Storey, Iris Hattie	N. Tonawanda
Strasburg, Gladys Ann	Niagara Falls
Streif, Catherine P.	Ebenezer
Stresing, Earl J.	Kenmore
Stroke, Coral J.	Buffalo
Strubing, Herbert Fred	Dunkirk
Stubinger, Diane June	Kenmore
Sturniolo, Mary Anne	Buffalo
Sullivan, Margaret Mary	Lockport
Swan, John J.	Broadalbin
Szuzukowski, Joan M.	Lancaster
Szumigala, Francis George	Buffalo
Tatko, Eugene	Buffalo
Tasseff, Vera Irene	Lackawanna
Teed, Truman Henry	Sherburne
Thomson, Richard Neil	Tonawanda
Thornell, Marion Agnes	Batavia
Thurston, Vera Joyce	Frankfort
Tomczak, Chester Paul	Buffalo
Tothill, Shirley Antoinette	Youngstown
Towers, Elizabeth M.	Peekskill
Trimmingham, Joyce Elaine	Branchport
Tufillaro, George Paul	Buffalo
Turcott, Daniel Joseph	Buffalo
Turner, Carolyn A.	White Plains
Tyrrell, Harry Thomas	Buffalo
Ulrich, Robert Albert	Hamburg
Urban, Marcia Ann	Buffalo
Urtis, William Joseph	Rochester
VanDuren, Mary Ruth	Ransomville
VanPatten, Dorothy M.	Schenectady
VanStone, Phyllis Jean	Albion
Vant, Priscilla Joanne	Fulton
VanVoorst, Betty Ann	Ontario
Wahl, Betty Jane	Buffalo
Walter, Roberta Mae	E. Homer
Walter, Wilfred Leigh	Holley
Warren, Mary Margaret	Buffalo
Watkins, Mary Anne	Gowanda
Weber, William Roman	Buffalo
Wekerle, John	Tonawanda
Westerman, Charlotte S.	Buffalo
Wheeler, Helen Marie	Buffalo
Whitwell, Audrey Carolyn	Lockport
Wiedeman, Margaret Mary	Buffalo
Wiktorowski, Steve Mark	Kenmore
Willig, Roy Frederick	Buffalo
Wilson, Mary Ellen	Buffalo
Winkowski, Eleanor Anne	Buffalo
Winsor, George Eugene	Salamanca
Winterhalter, Elizabeth	Belmont
Wipperman, Jane M.	Buffalo
Wolf, Janet Elizabeth	Buffalo
Woodard, Janice Emelie	Endicott
Wrenn, Rosemary M.	Buffalo
Yanilos, Nicholas Peter	Tonawanda
Young, Ralph	Williamsville
Young, Robert Gordon	Springfield Ctr.
Young, Wilfred	Niagara Falls
Zekany, Irene Mary	Lackawanna
Zielinski, Lester William	Buffalo

## JUNIOR REGISTRATION

Name	City, Town
Abate, Frank Michael	Niagara Falls
Adams, Alice Jeanette	Scio
Albano, Richard John	Buffalo
Allesse, Thomas J.	Buffalo
Alikes, Charles	New York
Andersen, Lawrence Wesley	Troy
Anderson, Carol A.	Dansville
Apel, Harold Allen	Orchard Park
Armstrong, John Paul	Lackawanna
Ayrault, Loeta Olwyn	Ripley
Bainbridge, Ernest Gordon	Tonawanda
Baldut, Betty Elaine	Darien
Banks, Donald Austin	Buffalo
Barry, John Thomas	Bedford Hills
Barone, Annamaria Cecelia	Buffalo
Baum, Norma Louise	Buffalo
Beaton, John William	Niagara Falls
Becht, Joseph Anthony	Buffalo
Beckerman, Getelle	Buffalo
Berger, Jack Willis	Boston
Bernreuther, Glenn Walter	Olean
Bickel, Robert Frederick	Buffalo
Bieger, Marcella M.	Buffalo
Billick, Ruth Fay	Buffalo
Blais, Marion Frieda	Kenmore
Bluhm, Frederick Louis	Sloan
Boies, Marjorie Jane	Holland
Borgeson, John Francis	Dunkirk
Borron, Nancy L.	Kenmore
Brancato, Roger Lawrence	Buffalo
Breck, Jean Mildred	Buffalo
Brecka, Marie Roseann	Johnstown
Bricka, Louise Ann	Buffalo
Brinkel, Alice Theora	Buffalo
Brogan, Robert Edward	Buffalo
Browne, Janet E.	Buffalo
Buccella, Mary C.	Buffalo
Bure, Patricia Mae	Williamsville
Burkhardt, Carl A. Jr.	Buffalo
Bury, Ellen Catherine	Buffalo
Buscani, Marguerite Ann	Buffalo
Butt, Nancy Belle	Niagara Falls
Butzer, Loraine Louise	Gowanda
Campanella, James Thomas	Buffalo
Campbell, Janet Hall	Geneva
Campbell, Sally Ann	Kenmore
Campiere, Thomas John	Buffalo
Canavan, Patricia Mary	Buffalo
Cannon, Anne Bennett	Buffalo
Carey, Geraldine May	Williamsville
Carlson, Ardis	Buffalo
Carnevale, Daniel James	Buffalo
Carrigan, Esther Marie	Wilson
Castle, Carol M.	Buffalo
Castle, Joan Winifred	Lockport
Catchpole, Janet T.	Painted Post
Cavanaugh, William	Lackawanna
Caward, Martha Elizabeth	Burdett
Cechini, Mary	Buffalo
Celano, Prudence Ann	Buffalo
Chalmers, Patricia Lou	Buffalo
Chambers, Georgia Lilian	Kenmore
Chismore, Fern Jessie	Ilion
Ciancio, Anthony Joseph	Jamestown
Clare, Jean Eleanor	Getzville
Cleary, eanne Mary	Buffalo
Cole, Marie Sarah	Baldwinsville
Collins, Elizabeth Frances	Buffalo
Colombo, August Maurice	N. Tonawanda
Colt, James Poul	Olean
Cooke, Joseph Eugene	Buffalo
Cooper, Kermit Manly	N. Tonawanda
Cooper, Richard Clinton	Jamestown
Copland, James M.	Buffalo
Coppola, Rose Anne	Buffalo
Cronin, Mary Ellen	Buffalo
Crosby, John D.	Buffalo
Cross, Blanche Charmaine	Franklinville

Name	City, Town
Cunning, James Francis	Buffalo
Curcio, Peter M.	Buffalo
Czwojdak, Eugene Anthony	Buffalo
Davis, Douglas Benning	Buffalo
Davis, Helen Rockwell	Buffalo
Davis, Warren Garland	Niagara Falls
Dean, Dolores Ann	Andover
DeLorenzo, Horatio Joseph	Dolgeville
Denis, Irene	Buffalo
Diedrich, Mildred Jeanne	Tonawanda
Distler, Jack W.	Niagara Falls
Dolan, Catherine Elizabeth	Buffalo
Comino, Joan Catherine	Rome
Drexler, Wesley Earl	Buffalo
Duecker, Gertrude Emma	Buffalo
Duffy, Francis Patrick	Buffalo
Duquette, Mary Ellen	Ogdensburg
Erickson, Lenore Emily	Williamsville
Ewing, Joyce Marie	N. Tonawanda
Farley, Thomas Coates	Kenmore
Farrell, Patricia Ann	Buffalo
Fathey, Marguerite Cecile	E. Aurora
Fenwick, Walter Carlisle Jr.	Kenmore
Feucht, Jean Anne	Buffalo
Fiorella, Salvatore Thomas	Buffalo
Fischer, Beatrice	Schenectady
Fischle, Mildred Julia	Buffalo
Flanagan, John Nicholas	Saugerties
Foos, John Joseph	Rochester
Franczyk, Roman Anthony	Buffalo
Frank, Elsie Frieda	West Valley
Frank, Robert Richard	Buffalo
Friedman, Mamie	Buffalo
Freitag, Alfred Cudlip	Buffalo
Frier, Donald Frederick	Hamburg
Fritz, Shirley Alice	Buffalo
Fritzing, Robert W.	Buffalo
Gallagher, Mary Fowler	Buffalo
Galland, Elliott Charles	Laurelton
Gardner, Alton George	N. Tonawanda
Gerbracht, Robert William	Ebenezer
Gerth, Robert Anton	Lynbrook
Giambrone, Marie	Buffalo
Gillette, Laurel	Hulberton
Glass, Ruth Ella	Buffalo
Goldhawk, Margaret Mary	Williamsville
Goldsmith, Dolores Frances	Williamsville
Goodno, James Lloyd	Kenmore
Granville, Mary Ann	Buffalo
Gray, Shirley Seifert	Buffalo
Green, Burt Emerson	Buffalo
Green, Gordon Robert	Jamestown
Greene, Florence Louie	Kenmore
Gregoire, Jerome Charles	Buffalo
Grieser, Robert Allen	Buffalo
Grimm, Donald Louis	Buffalo
Grinter, Marilyn Ruth	Scotia
Gustafson, James Robert	Jamestown
Guthrie, Winifred Gordon	Kenmore
Haas, Richard Harry	Buffalo
Hadsall, James Green	Elma
Halby, William Anthony	Buffalo
Hale, Jean Elizabeth	Buffalo
Hamilton, Kenneth N.	Buffalo
Hardy, Charles Wellington	Elmira
Harrigan, Robert James	Buffalo
Harter, Daniel Clyde	Buffalo
Hasselbeck, Marjorie Ellen	Snyder
Hassler, Joseph Harold	Buffalo
Havens, Virginia Lee	Kenmore
Hayes, Marilyn E.	Buffalo
Hess, Catherine Flora	Lockport
Hixson, Marilyn Leone	Shortsville
Hoefer, Clare Marie	Getzville
Hoffmann, Gerald James	Buffalo
Hollenback, Shirley Marian	Binghampton
Holmberg, Sydney Joseph	Kenmore
Horn, Ruth Ann	Buffalo



Name	City, Town
Horne, Linda May	Buffalo
Horne, Wilma Harriett	Buffalo
Hornung, Irving Henry	Buffalo
Horstmann, Suzanne Almira	Sherburne
Horton, Alice Ruth	Buffalo
Horton, Marilyn E.	Hamburg
Ingham, Maryon Jeraldine	Jamestown
Ippolito, Charles	Buffalo
Iwinski, Henry John	Buffalo
Jackson, Geraldine Victoria	Detroit, Mich.
Jakiel, Stanley James	Orchard Park
Jarrett, Mildred J.	Buffalo
Johnson, Ivo McGinity	Randolph
Johnson, Jean Lois	Buffalo
Joyce, Eileen Louise	Lackawanna
Joyce, Patricia	Andover
Kardoulas, Nellie	Buffalo
Karwaki, Thomas	Buffalo
Kausch, Nancy Jane	Rochester
Kay, Frederick Max	Buffalo
Keller, Mary Alice	Buffalo
Keeley, Betty Jane	Buffalo
Kelley, Francis Herbert	Rodman
Kelly, Raymond Martin	Buffalo
Kenner, John George	Buffalo
Kester, Donald George	Kenmore
Kirkland, Doris D.	Buffalo
Knapp, Frederick Carl	Buffalo
Kneis, Raymond Albert	Buffalo
Knoll, Carl John	Buffalo
Kobus, Arthur David	Kenmore
Koch, Gertrude Elfrieda	Cheektowaga
Kohl, Martha Ellen	Coriu
Korknik, Henry Anthony	Buffalo
Korus, Samuel	Buffalo
Krawzyk, Reneta A.	Yorkville
Kron, Donna Lou	Buffalo
Kupfer, Margaret Haines	Pt. Pleasant
Labuzzetta, Paula Marie	N. Collins
LaCorte, Cosimo Frank	Buffalo
Laird, Fredrick Charles	Varysburg
Laird, Wesley L.	Varysburg
Lally, Jane Louise	Kenmore
LaMere, Everett Bernard	Brewster
LaMothe, Leonard Joseph	Malone
Lamp, Donald John	Buffalo
Landgraf, Jean May	Kenmore
LaPress, Versal Selden Jr.	Buffalo
LaSpada, Anthony	Dunkirk
Leary, Russell Francis	Brooklyn
Leas, James H.	Hamburg
Ledlie, Beverly Ann	Rochester
Leeger, Hope G.	Brooklyn
Leman, Charles William	Buffalo
Lesniewski, Mary Ann	Alden
Lewis, Anna Mae	Buffalo
Lewis, Lucille Carolyn	Buffalo
Limburg, Carol Lios	Buffalo
Lingl, Helen Marie	Ebenezer
L'Italien, Robert Arman	Buffalo
Little, William Thomas	Buffalo
Loch, James T. Jr.	Buffalo
Lomanto, Antoinette	N. Collins
Lombardi, Emil Arthur	Brooklyn
Lopez, Sara Phyllis	Buffalo
McCabe, Frank Patrick	Buffalo
McCausland, Phyllis Ann	Buffalo
McCullough, Earl Samuel	Buffalo
McGinnis, Jacqueline Dorothy	Buffalo
MacIntyre, Jayne Lavina	Buffalo
McLaughlin, Robert James	Buffalo
McLean, Vincent Charles	Buffalo
McManus, Arthur James	Buffalo
McMullen, Helen Tate	Buffalo
McNulty, Betty	Java Center
MacPherson, Esther Dorothea	Buffalo
Mack, Eileen L.	Endicott
Manti, Mary Joseph	Lancaster
Marinelli, Joseph Anthony	E. Rochester
Marinelli, Norma Marie	Depew
Marion, Rudolph Perry	Buffalo

Name	City, Town
Marks, Ann Elizabeth	Yorktown Hgts.
Marks, Joan Esther	Buffalo
Marra, Rosemary	Olean
Martin, Marian Rose	Atlanta
Martynowicz, Louis Joseph	Buffalo
Mathis, Eleanor Marcia	Buffalo
Maurer, Louis Philip	Buffalo
Mazonson, Arthur	Malden
Mazzanti, George A.	Buffalo
Melka, Joseph Anthony	Buffalo
Mentesana, Mary M.	Rochester
Messe, James L.	Snyder
Metke, Carol Edith	Buffalo
Miecznikowski, Charles H.	Cheektowaga
Miller, Carol Ann	Buffalo
Miller, Grace Ann	Locust Valley
Miller, Jean Ella	Hamburg
Miller, Robert Ross	Dansville
Mittlefehldt, Jean K.	Elba
Morgan, Edith Joan	Freedom
Mowatt, Edith Clare	Kenmore
Mullenhoff, Margaret Ida	Gardenville
Mullin, Rose Virginia	Cuba
Murtha, Bernard Vincent	Lackawanna
Murray, Nan Kathleen	Buffalo
Murphy, Donald Joseph	Buffalo
Musella, Vincent Harry	Buffalo
Mytnik, Mildred Marie	Buffalo
Nachbar, Audrey Louise	Williamsville
Nagel, Christian Edwin	Buffalo
Nagel, Margaret Ruth	Ebenezer
Naughton, Mary Alice	Buffalo
Newton, Yasabel	Hamburg
Nicholson, Barbara Ann	Victor
Nickerson, Carol Faith	Mayville
Nicoloff, Virginia Natalie	Buffalo
Nola, Rosario S.	Buffalo
O'Brian, Eleanor Mary	Buffalo
O'Connor, Elizabeth Anne	Buffalo
Olin, Geraldine Carol	Buffalo
O'Neil, John Donald	Buffalo
Oogjen, Thomas	Rochester
Osterman, Clayton Samuel	Buffalo
Overs, Kenneth David	Buffalo
Patterson, Janice Mary	Hamburg
Patterson, Joan Marie	Buffalo
Pearson, Lee	Buffalo
Peckham, Norma Jean	Holland
Peirce, Wilma Edna	Fredonia
Petrino, Marguerite Gloria	Mayville
Phillips, Lavern Clarence	Buffalo
Pierce, Jeanne Rose	Orchard Park
Pileri, Joseph Carl	Buffalo
Pileri, Leonard J.	Buffalo
Pipalski, Helen Vivian	N. Tonawanda
Podolin, Ruth L.	Buffalo
Powers, Irene Elizabeth	Norwich
Pritchard, Dona M.	Springville
Pyrak, Anthony Chester	Buffalo
Raffauf, Phyllis Marie	Buffalo
Randall, Paul Joseph	E. Concord
Ranney, Herbert Millard	Dunkirk
Reese, Jane Helen	Buffalo
Reichel, Peggyann	Buffalo
Reichert, Edward Jacob	Buffalo
Reinhardt, Frederick F.	Chaffee
Rentsch, George Jacob	Buffalo
Ress, Bonnie Jean Barnes	Buffalo
Revelas, Gust	Buffalo
Richards, Shirley Mae	Castile
Rickard, Barbara Ray	Niagara Falls
Riebennacht, Joan Elizabeth	Turin
Rigas, Katherine	Wellsville
Ritter, Howard William	Rochester
Roden, Albert Edwin Jr.	N. Tonawanda
Roeder, Walter H.	Buffalo
Rolletta, Margaret Anne	Rome
Romaniuk, Leo Francis	Springville
Rosinski, Theodore J.	Buffalo
Rowe, Harold F.	Warsaw
Rowe, Maxine Janet	Friendship

Name	City, Town
Roy, Sally Joan	Snyder
Rub, Joan Elizabeth	Kenmore
Runyan, Duane Herrick	Tonawanda
Sacco, Elvira L.	N. Tonawanda
Sander, Joseph Howard	Buffalo
Scaglione, Lawrence M.	Buffalo
Scheib, Marion Alice	Kenmore
Schichtel, Lawrence P.	Buffalo
Schillroth, Mary Martha	Buffalo
Schlageter, Robert Joseph	Buffalo
Schlehr, Mary Lou	Buffalo
Schlebach, Phyllis Ann	Buffalo
Schmidle, Mildred Loretta	Buffalo
Schmidt, Helen Catharine	Niagara Falls
Schmidt, William Henry	Buffalo
Schmitt, Mary Joanne	Buffalo
Schmitt, Howard Carl	Buffalo
Schoelles, Adele Eleanor	Kenmore
Schultz, Eugene F.	Buffalo
Schumacher, Charles August	Lockport
Schurer, William Lewis	Morrisville
Sciameca, Joseph William	Buffalo
Seelbach, Marilyn Aileen	Buffalo
Semanchuk, Roman Edward	Medina
Serio, Arthur C.	Cheektowaga
Shaloe, John Joseph	Buffalo
Shaw, Joan Elizabeth	Malone
Shepard, Harold Thornton	Buffalo
Sherlock, Kathleen Harriette	Niagara Falls
Shupe, Jessie Marie	Snyder
Sikora, Leonard Stephen	Buffalo
Simon, Jane Henrietta	Buffalo
Sincerny, George Alfred	N. Tonawanda
Slobbe, Beverly Stewart	Rochester
Smith, George Francis	Buffalo
Smith, Jean A.	Buffalo
Smout, Ethan P.	Buffalo
Solat, Richard Robert	Buffalo
Spina, John Anthony	Dunkirk
Sprague, Clifford Harold	Walton
Stark, George King	Buffalo
Staskiewicz, Rita D.	Buffalo
Steel, Mary Joanne	Buffalo
Stellrecht, Earl Raymond	Kenmore

Name	City, Town
Stenhouse, Edward James	Buffalo
Stiefler, Pearl May	Blasdell
Stripp, Jean Audrey	Buffalo
Stoll, Patricia Carolyn	Naples
Surra, John William Jr.	Buffalo
Swan, Floyd Harry	Jamestown
Sweet, Nancy Crittenden	Buffalo
Szoeke, Thomas H.	Merrick
Thomann, Carol Florence	Kenmore
Thompson, Milton Leo	Jamestown
Tiftickjian, David Sarkis	Buffalo
Thustachowski, Julia Lottie	Johnstown
Tobin, M. Oravell	Buffalo
Trinkwald, Vincent J.	Sayville
Troidl, Arleen Rosemarie	Buffalo
Truncer, Lois Sue	Buffalo
Turner, Bessie Pratt	Buffalo
VanCamp, Norma Louise	Hamburg
Vanderbles, H. Fayette	Buffalo
VanDeusen, Robert Paul	Olean
VanSon, Ruth Mattie	Attica
Vogt, Elmer W.	Tonawanda
Wands, Constance Nadine	Meridian
Wasiewicz, Norbert Bertram	Tonawanda
Wasko, Alice Anne	Yonkers
Waters, Ida Marie	Buffalo
Waters, Joseph David	Buffalo
Weatherell, David Stephen M.	Buffalo
Weigand, Ray George	Buffalo
Welch, Donald J.	Kenmore
Wernejowski, Helen	Buffalo
Wescott, Clair Milton	Hornell
West, Richard V.	Buffalo
Whaley, Rose Marie M.	Buffalo
White, George Howard	Buffalo
Wilczak, Joseph Michael	Buffalo
Williams, J. Rhea	Buffalo
Wills, June Helen	Ransomville
Willmsen, Louis Henry	Southampton
Wolanyk, John James	Niagara Falls
Woods, Eleanore May	Phoenix
Wyatt, George Edward	Buffalo
Zakrzewska, Helen Lucille	Buffalo
Zwick, Leonard George	Buffalo

## SENIOR REGISTRATION

Name	City, Town
Agnew, William Charles	Buffalo
Anderson, Althea E.	Jamestown
Anderson, Carl Louis	Jamestown
Annalett, Adolph Rudolph	Dunkirk
Armstrong, Mariola	Ontario
Axtell, Rachel C.	Buffalo
Baer, John H.	Buffalo
Bailey, Ruth	Hawthorne
Banaszak, Pearlene Barbara	Buffalo
Barnhart, Joyce Elaine	Buffalo
Barrett, Raymond Becker	Salamanca
Barry, Loraine Louise	Lockport
Batterson, Frank Mead	Kenmore
Batty, Patricia June	Gloversville
Bauer, Joan Gertrude	Kenmore
Beauter, Robert Oswin	Painted Post
Bebout, Eugene Wyatt	Addison
Benenati, Carl George	Dunkirk
Bennett, Bonnie Jean	Hornell
Bennink, William H.	Mayville
Beyer, Betty	Buffalo
Bidell, Richard Charles	Buffalo
Bingham, Patricia Jane	Buffalo
Bischoff, Barbara Jane	Utica
Blair, Esther Dorothy	Buffalo
Bonsteel, Mary Elizabeth	Niagara Falls
Boorum, Lois Arlene	Batavia
Bowen, Margaret C.	Niagara Falls
Bowman, Betty Jane	Corfu
Bowman, Hazel Fannie	Corfu
Brenzel, Felicia M.	Buffalo

Name	City, Town
Brogan, Catherine Margaret	Niagara Falls
Brown, Anna Irene	Brooklyn
Brown, Joseph Edward	Buffalo
Bueche, Pearl May	Buffalo
Burdick, Valarie Mary	Friendship
Burnap, Marion B.	Whitesboro
Burr, Charles C.	Kenmore
Cameron, Nelson C. Jr.	Gardenville
Canning, Bernice Almeda	Kenmore
Cappellino, Mary Jane	Rochester
Ciminesi, Charles S.	Buffalo
Coho, Robert D.	Buffalo
Conklin, Janice Marilyn	Castile
Conner, Mary Lois	Buffalo
Corcoran, Mary Ellen	Buffalo
Corral, Neaves	Lackawanna
Cortright, Marion Loretta	Campbell Hall
Cox, Elaine Hazel	Buffalo
Cramer, Eustace Evans	Morrisville
Dabney, Mazie Irene Colleen	Buffalo
Daucher, Jean Nita	Buffalo
Dayer, Donald Harvey	Buffalo
Dayer, Jayne Louise	Kenmore
DeSormo, Priscilla M.	Buffalo
Dilleuth, Dorothy K. Waltman	Buffalo
Dispenza, Martha Grace	Cheektowaga
Dodge, Dorothy Ann	Buffalo
Dolph, Robert Walter	Buffalo
Donnellon, Jeanne Marie	Buffalo
Drumm, Muriel Virginia	Buffalo
Durland, Marjorie Helen	Middletown



Name	City, Town
Easton, Lawrence Spencer.....	Rochester
Easton, Roger David.....	Rochester
Elliett, Lillian.....	Buffalo
Ellis, Jane S.....	Buffalo
Elmauer, Shirley K.....	Liberty
Ericson, Helen E. S.....	Buffalo
Ertell, Edith Frances.....	Buffalo
Farwell, Lucille Eleanor.....	Wilson
Fassett, Marilyn Mae.....	Buffalo
Faturos, Anna.....	Buffalo
Feldman, Marwin Laurence.....	Buffalo
Fenar, Leo Franklin.....	Dunkirk
Fila, Victor Chester.....	Buffalo
Fisher, Alice Marie.....	Wayland
Flayer, Edward W.....	Buffalo
Fletcher, Beverly.....	Buffalo
Flick, Eleanor.....	Springville
Frank, Charlotte Dorothy.....	Buffalo
Freas, Judith Anne.....	Buffalo
Galante, Phyllis Ann.....	Niagara Falls
Gallagher, Kathleen Eleanor.....	Kenmore
Gamble, Helen Delores.....	Buffalo
Gayton, Lois Winifred.....	Kenmore
Gentile, Angelica Rose.....	Buffalo
Gibbons, Eleanor Myers.....	Buffalo
Gibbs, Frederick Jerome.....	Lockport
Giglia, Josephine Lillian.....	Buffalo
Gimbrone, Carmelina Rita.....	Buffalo
Golata, Dorothy F.....	Buffalo
Gray, John R.....	Buffalo
Green, Dorothy Alma.....	Buffalo
Greenspan, Morris.....	Buffalo
Greggo, Raymond Joseph.....	Buffalo
Griffin, Francis Eugene.....	Buffalo
Guadagna, Jean Sophie.....	Buffalo
Gucwa, Jane Barbara.....	Buffalo
Guild, William Storrier.....	Buffalo
Hageman, Clarence Gustave.....	Buffalo
Hanes, Patricia Joan.....	Buffalo
Haruch, Anthony James.....	Durhamville
Hatch, Dorothy Ellen.....	Ebenezer
Hayes, Katherine Ann.....	Waterloo
Healy, Patricia Joan.....	Buffalo
Heck, Lorna Marie.....	Buffalo
Heinold, Mary Virginia.....	Buffalo
Hendricks, Betty Arlene.....	Elmira
Hermann, William Martin.....	Buffalo
Hicken, Geraldine Marie.....	Buffalo
Higtanen, Colette Colarusso.....	Buffalo
Hill, Geraldine Agnes.....	Buffalo
Hochuli, Edward Samuel.....	Richmond Hill
Hogan, Julia M.....	Sherburne
Housman, Russell Francis.....	Buffalo
Hurcomb, Jean.....	Buffalo
Hurley, Sally Ann.....	Kenmore
Hutcheson, Marjorie Jane.....	Scarsdale
Idoni, Roslyn Ann.....	New Rochelle
Jones, William Edward.....	Buffalo
Joyce, Albert E.....	Buffalo
Julkowski, Edmund Gerald.....	Buffalo
Kalinowski, Althea.....	Buffalo
Kalinowski, Elvine B.....	Buffalo
Kaltenbach, Richard.....	Buffalo
Kaye, Barbara Margaret.....	Buffalo
Keeley, Marguerite Florence.....	Tonawanda
Kelly, Katherine Ellen.....	Buffalo
Kelly, Patricia Ann.....	Buffalo
Kelthy, Julian D.....	Buffalo
Kemp, Mary Cecelia.....	Buffalo
Kessel, Catherine Louise.....	Buffalo
Kessel, Raymond Adams.....	Buffalo
Kiliszewski, Joseph John.....	Buffalo
Kilmer, Alfred Dexter.....	Ghent
Kilts, Sarah Delilah.....	Adams
Kindt, Doris Mildred.....	Tonawanda
Kipping, Rosemary New.....	Buffalo
Klein, Hubert Gerard.....	Williamsville
Klemann, Joan Ruth.....	Quaker Ridge
Klute, Lloyd Jacob.....	Buffalo
Klym, Stephen.....	Buffalo
Kogler, Carl J. Jr.....	Buffalo
Kramer, Robert Fredrick.....	Buffalo

Name	City, Town
Kroll, Emily C.....	Buffalo
Kruszcynska, Florence Mildred.....	Buffalo
Kuszynski, Regina Marianne.....	Buffalo
Laing, Emma B.....	East Otto
Lajewski, Chester Frank.....	Dunkirk
Landy, Marilyn Louise.....	Buffalo
Langdon, Jean Ruth.....	Ransomville
Lango, Ethel.....	Buffalo
Larrabee, Donna M.....	Buffalo
Larson, Roy W.....	Kenmore
LaScala, Katherine Marie.....	Middletown
Leichty, Rose Dorothy.....	Buffalo
Levey, Joanne Estelle.....	Buffalo
Locke, Mary Ann E.....	Buffalo
LoCurcio, Mary Anne.....	Buffalo
Long, Bernice M. Dougherty.....	Buffalo
Lundberg, John H.....	Wide Beach
McCale, Gertrude E.....	Camden
McCreath, Kathryn Mary.....	Dannemora
MacPherson, Jane Elizabeth.....	Buffalo
McQuaid, Theresa Claudia.....	Kenmore
MacInica, Dolores Grace.....	Buffalo
Madonia, Mary Virginia.....	Buffalo
Maggio, Gloria Elizabeth.....	Buffalo
Mahoney, Betty Jean.....	Amsterdam
Mahoney, Thomas Walter.....	Lockport
Mancini, Grace.....	Batavia
Mancini, Mary Emily.....	Buffalo
Mancini, Mary Lucy.....	Williamsville
Maroone, Katherine Carroll.....	Buffalo
Mayer, Donald Bert.....	Williamsville
Messer, Dolores Elvira.....	Buffalo
Meyer, Howard John.....	Lockport
Micherdzinski, Richard L.....	Buffalo
Miller, Marilyn Joan.....	Buffalo
Miller, Patricia Ann.....	Buffalo
Miller, Wesley S.....	Buffalo
Mineo, Anne Rosalie.....	Buffalo
Moran, Kenneth Alfred.....	Buffalo
Mulholland, Harold William.....	Buffalo
Myers, Matthew.....	Buffalo
Nabach, Frances S.....	Buffalo
O'Brien, Winifred Mary.....	Buffalo
O'Brien, Patricia C.....	Buffalo
O'Brien, Ruth Mary.....	Buffalo
O'Hara, Barbara Anne.....	Niagara Falls
Okoniewski, Rosemary.....	Buffalo
O'Mara, Mary Beryl.....	Snyder
Ott, Edna Mae.....	Buffalo
Ouimette, Mary E. Miller.....	Morris
Paglia, Katherine.....	Buffalo
Panienka, Ursula Dorothy.....	Buffalo
Parr, Robert Edward.....	Buffalo
Peck, H. James.....	Buffalo
Pelons, Lorraine Helen.....	Buffalo
Pelton, Harold Vern.....	Fredonia
Pempsell, Betty J.....	Kenmore
Pieluskio, Genevieve Mary.....	N. Tarrytown
Platt, Marjorie E.....	Savona
Potter, Wyatt F.....	Holley
Radice, Margarita Antoinette.....	Buffalo
Radtke, Patricia Ann.....	Buffalo
Rapp, Marguerite Anna.....	Buffalo
Rauch, Ruth Eleanor.....	Hamburg
Reiller, Harold Anthony.....	Buffalo
Reitz, Sara Joyce.....	Quaker Bridge
Remis, Anne Irene.....	Snyder
Richardson, Ray Robert.....	Kenmore
Rindone, Lewis D.....	Buffalo
Rochelle, William Charles Jr.....	Buffalo
Rowe, Dodworth Preston.....	Tonawanda
Rucinska, Rita Alice.....	Buffalo
Runckel, Mary Elizabeth.....	Buffalo
Rutherford, Mary Stiles.....	Snyder
Sannella, Lucille K.....	Buffalo
Schaefer, Robert Joseph.....	Buffalo
Schonewolf, Lorayne Emma.....	Buffalo
Schroeder, Margaret Myrtle.....	N. Tonawanda
Schroeder, Miriam I.....	Buffalo
Sems, Charles A.....	Buffalo
Silberberg, Marjorie.....	Buffalo
Sion, Germaine M.....	Springville

Name	City, Town
Siracuse, Nian Margaret.....	Buffalo
Slade, Walter Albert.....	Buffalo
Slighter, Alfred Reeves.....	Hamburg
Slovick, Jean Teresa.....	Batavia
Smith, Jeanne Kresge.....	Ithaca
Smith, Minnie.....	Rochester
Spencer, Joan Margaret.....	Kenmore
Spies, Cynthia Joyce.....	Mt. Kisco
Stahl, Henry Nicholas.....	Buffalo
Stanton, Jean Eloise.....	Buffalo
Stark, Ann Marie.....	Corning
Stark, Carol Helen.....	Buffalo
Starkey, Joseph Paul.....	Buffalo
Starman, Mary Eleanor.....	Buffalo
Steffan, Carol Jean.....	Buffalo
Steinmiller, Mary Claire.....	Egbertsville
Stephen, Betty D. E.....	Buffalo
Stevenson, Harry Leigh.....	Angola
Suffoletto, Martha B.....	Lackawanna
Sullivan, Joseph Michael.....	Buffalo
Tauriello, Grace Isobel.....	Buffalo
Taylor, Ellen Almena.....	Silver Creek
Taylor, Robert Chauncey.....	Cassadaga
Thompson, E. Ruth.....	Buffalo
Thompson, Ruth Catherine.....	Buffalo
Thurber, Olive Estella.....	Bolivar
Thurm, Edmund Arthur.....	Tonawanda
Tierney, Maryann Dorothy.....	Buffalo
Todd, James Austin.....	Canton

## SPECIAL STUDENTS

Name	City, Town
Eddins, Lloyd Gordon.....	Buffalo
Gundlach, Ruth Lois.....	Buffalo
Moehlau, Shirley A.....	Buffalo
Montalvo, Amparo.....	New York

Name	City, Town
Trager, Gloria Laura.....	Mt. Vernon
Trautwein, Mabel F.....	Friendship
Vallett, June R.....	Buffalo
Vanderhoff, Rosemary K.....	Niagara Falls
Volo, Alfonso Joseph.....	Buffalo
Waite, Bettyelna.....	Alexander
Wandell, Francis Hugo.....	Kenmore
Ward, Joan Frances.....	Lockport
Weber, Viola Ruth.....	South Wales
Webster, Ruth Isabel.....	Grand Island
Webster, Everett Howard.....	Cassadaga
Weinstein, Mollie.....	Buffalo
Welsh, Roberta Mary.....	Marcellus
White, Robert Earl.....	Arcade
Whitney, Marie Eleanor.....	Middleport
Wick, Mary Cecilia.....	Lockport
Wild, John Francis.....	Kenmore
Wilken, Ruth Alice.....	Buffalo
Williams, Albert John.....	Buffalo
Williams, James Louis.....	Buffalo
Williams, Shirley Converse.....	Utica
Willis, Roger Lawrence.....	Fredonia
Winn, Harriett Barbara.....	Petersburg
Woodend, Myrtle H.....	Randolph
Wozniak, Joseph Francis.....	Buffalo
Wyroba, Francis.....	Depew
Zahn, June Rita.....	Buffalo
Zegel, Harold L.....	Buffalo
Zubko, Harry.....	Brooklyn



## REGISTRATION FIGURES

1948 - 1949, First Semester

### GENERAL ELEMENTARY DEPARTMENT:

Fourth Year .....	116
Third Year .....	145
Second Year .....	256
First Year .....	306
Special Students .....	5
	<hr/>
	828

### HOME ECONOMICS DEPARTMENT:

Fourth Year .....	45
Third Year .....	65
Second Year .....	65
First Year .....	87
Special Students .....	2
	<hr/>
	264

### INDUSTRIAL ARTS DEPARTMENT:

Fourth Year .....	97
Third Year .....	122
Second Year .....	123
First Year .....	101
	<hr/>
	443

### ART EDUCATION DEPARTMENT:

Fourth Year .....	58
Third Year .....	68
Second Year .....	69
First Year .....	89
	<hr/>
	284
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	1,819

EXTENSION DEPARTMENT ..... 360  
(199 Graduate Department students included)

SUMMER SESSION, 1948..... 709  
(186 Graduate Department students included)

TOTAL FOR COLLEGE DEPARTMENTS..... 2,888

SCHOOL OF PRACTICE..... 408

GRAND TOTAL—College Departments and School of Practice..... 3,296

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NEW YORK STATE  
COLLEGE FOR TEACHERS

BUFFALO 9, N. Y.

MEMBER

THE AMERICAN ASSOCIATION OF COLLEGES FOR  
TEACHER EDUCATION

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN

AMERICAN COUNCIL ON EDUCATION

MIDDLE STATES ASSOCIATION OF COLLEGES AND  
SECONDARY SCHOOLS

(Tear on this line and mail for further information or application)

NEW YORK STATE COLLEGE FOR TEACHERS  
BUFFALO 9, N. Y.

REQUEST FOR APPLICATION FOR ADMISSION

NAME .....

ADDRESS .....

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

....General Elementary ....Home Economics ....Art Education  
....Industrial Arts ....Elementary School Principal ....Teacher  
of Handicapped Children.

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

Those listed below are interested in:

.....Catalog materials.....Application blanks

