

1942

# 1942-1943 Southern Illinois Normal University Bulletin

Southern Illinois State Normal University

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# BULLETIN



"THE WINGED GUIDE"

PAINTING BY RAYMOND BREININ, ARTIST IN RESIDENCE

1943  
SOUTHERN  
ILLINOIS  
NORMAL  
UNIVERSITY  
1944





STATE OF ILLINOIS  
DWIGHT H. GREEN, GOVERNOR

# Southern Illinois Normal University Bulletin

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ANNOUNCEMENTS  
FOR  
1943-1944

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**STATE OF ILLINOIS**  
**DWIGHT H. GREEN**  
**GOVERNOR**

**SOUTHERN ILLINOIS NORMAL UNIVERSITY**  
**OPENED 1874**

Accredited as a Four-Year Teachers College by the American Association of Teachers Colleges.

Accredited by the North Central Association of Colleges and Secondary Schools as a Teachers College.

**TEACHERS COLLEGE BOARD**

Frank G. Thompson.....Director of Registration and Education  
Ex-Officio Chairman

Vernon L. Nickell.....Superintendent of Public Instruction  
Ex-Officio Secretary

Jacob Alschuler .....Aurora

Otto G. Beich.....Bloomington

Preston Bradley .....Chicago

John D. Dill.....Carbondale

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Harriet A. McIntire.....Mendota

Charles E. McMorris.....Marshall

Mrs. Helen Rose Pegelowe.....Mattoon

Lindell W. Sturgis.....Metropolis

Elmer P. Hitter, Co-ordinator.....Ottawa

# CALENDAR

1943-44

## Fall Term, 1943

1943

Sept. 13-14	Monday-Tuesday	Registration
Sept. 15	Wednesday	Instruction begun
Oct. 29-30	Friday-Saturday	Homecoming
Nov. 25-26	Thursday-Friday	Thanksgiving Vacation
Dec. 1-3	Wednesday-Friday	Final Examinations

## Winter Term, 1943-44

1943

Dec. 6	Monday	Registration
Dec. 7	Tuesday	Instruction begun
Dec. 18	Saturday	Christmas Vacation begun

1944

Jan. 3	Monday	Instruction resumed
March 8-10	Wednesday-Friday	Final Examinations

## Spring Term, 1944

March 20	Monday	Registration
March 21	Tuesday	Instruction begun
June 4	Sunday	Baccalaureate Service
June 6-8	Tuesday-Thursday	Final Examinations
June 9	Friday	Sixty-ninth Annual Commencement

## First Summer Session, 1944

June 12	Monday	Registration
July 21	Friday	Final Examinations

## Second Summer Session, 1944

July 24	Monday	Registration
Sept. 1	Friday	Final Examinations

## ADMINISTRATION

Roscoe Pulliam .....	President
T. W. Abbott.....	Director of Extension
Claire Kennedy.....	Secretary to the President
E. G. Lentz.....	Dean of Men
Bruce W. Merwin.....	Director of Training Schools
Edward V. Miles, Jr.....	Business Manager
Delmar W. Olson.....	Chairman of Faculty Senate
Marjorie Shank .....	Registrar
F. G. Warren.....	Head of Department of Education
Lucy K. Woody.....	Dean of Women

## FACULTY

1943-44

*Date indicates first year of service with the Faculty.*

## College

- ROSCOE PULLIAM (1935) *President*  
B.Ed., Southern Illinois Normal University; A.E.F. University, Beaune, France; M.A., University of Illinois; LL.D., Park College. Additional graduate work, University of Chicago, 1 year.
- T. W. ABBOTT (1928) *Professor of Chemistry, Director of Extension*  
A.B., Indiana University; A.M., Harvard University; Ph.D., University of Illinois.
- ORVILLE ALEXANDER (1938) *Associate Professor of Government*  
B.Ed., Southern Illinois Normal University; M.A., Ph.D., University of Iowa.
- MARJORIE WOMBLE ANDREWS (1942) *Instructor, Librarian*  
B.Ed., Southern Illinois Normal University; B.S. in L.S., University of Illinois Library School. Additional graduate work, 1 year.
- \*LAVERNE ARMSTRONG (1932) *Instructor, Carterville High School*  
Graduate of Anthony Wayne Institute. B.Ed., Southern Illinois Normal University.
- GLADYS W. BABCOCK (1939) *Instructor in Household Arts*  
B.S., M.S., University of Minnesota.
- LOUISE BACH (1934) *Instructor, University High School*  
A.B., Illinois Wesleyan; A.M., University of Illinois.
- WILLIAM M. BAILEY (1914) *Professor of Botany, Head of Dept.*  
A.B., B.S., Campbell College; M.S., Ph.D., University of Chicago.
- SARA S. BAKER (1928) *Assistant Professor of History*  
B.Ed., Southern Illinois Normal University; M.A., Columbia University. Additional graduate work, 1 year.
- HELEN A. BALDWIN (1918) *Associate Professor of Foreign Languages*  
A.B., Denison; A.B., University of Chicago; A.M., Denison. Additional graduate work, 1 semester.
- JULIA MINNETTE BARBER (1936) *Assistant Professor of English.*  
*Director of Anthony Hall*  
B.A., M.A., University of Illinois. Additional graduate work, 2 years.

\* Responsibility as to employment and salary divided between local board and S. I. N. U.



- FRANCES BARBOUR (1925) *Associate Professor of English*  
A.B., A.M., Washington University.  
Additional graduate work, 2 years.
- MARY LOUISE BARNES (1929) *Assistant Professor of Household Arts*  
A.B., University of Illinois; M.S., Iowa State College.  
Additional graduate work, 8 quarter hours.
- SHERMAN B. BARNES (1935) *Associate Professor of History*  
A.B., Columbia University; Ph.D., Cornell University.
- THOMAS F. BARTON (1935) *Professor of Geography,  
Head of Department*  
Diploma, B.Ed., Illinois State Normal University; Ph.M., University of Wisconsin; Ph.D., University of Nebraska.
- RICHARD L. BEYER (1929) *Professor of History, Head of Dept.*  
A.B., Allegheny College; M.A., Ph.D., University of Iowa.
- AARON BOHRD (1942) *Artist in Residence, 1942-44*  
Graduate, Chicago Art Institute; Art Students League, one year;  
Guggenheim Fellowship, two years.  
On leave of absence, March, 1943. Temporarily serving as pictorial  
historian with United States Armed Forces overseas.
- ALLAN H. BONE (1941) *Instructor in Music*  
B.Mus., University of Wisconsin; M.Mus., Eastman School of  
Music.
- E. L. BORKON (1939) *Associate Professor of Physiology  
and Health Education, Associate College Physician*  
B.S., Ph.D., M.D., University of Chicago.  
Entered U. S. Armed Services, January 5, 1942.
- HOWARD E. BOSLEY (1937) *Associate Professor of Education,  
Director of the Library*  
B.Ed., Southern Illinois Normal University; M.A., Teachers College, Columbia University.  
Additional graduate work, 1¾ years.
- R. D. BOWDEN (1936) *Professor of Sociology, Head of Department*  
A.B., University of Kentucky; A.M., University of Illinois; Ph.D.,  
New York University.  
Entered Foreign and Insular Service, International Red Cross,  
July, 1943.
- EMMA L. BOWYER (1912) *Professor of English, Head of Department*  
A.B., A.M., University of Chicago.  
Additional graduate work, University of Chicago, 1 year.
- GEORGE BRACEWELL (1931) *Associate Professor  
Director, Rural Education*  
B.Ed., Southern Illinois Normal University; A.M., University of  
Michigan; residence work for Ph.D. completed, University of  
Michigan.

- HARRY G. BRAINARD (1937) *Associate Professor of Economics,  
Head of Department*  
B.S., M.S., University of North Carolina; Ph.D., University of Illinois.  
Entered government service, September, 1942.
- RAYMOND BREININ (1943) *Artist-in-Residence*  
Studied under Uri Penn and at Chagall Academy, Vitebsk, Russia.  
Substituting for Aaron Bohrod, Artist-in-Residence, now on leave.
- W. O. BROWN, A.B. (1914) *Professor,  
Superintendent of Rural Training Schools, Emeritus (1936)*
- T. L. BRYANT (1918) *Assistant Professor of Commerce,  
Head of Department*  
B.Ed., Southern Illinois Normal University; A.M., University of Iowa.
- V. A. BUBOLTZ (1937) *Assistant Professor of Commerce*  
B.S., Iowa State Teachers College; M.A., Northwestern University.  
Additional graduate work, Northwestern University, 1 semester.
- WINIFRED BURNS (1939) *Assistant Professor of English*  
A.B., M.A., University of Illinois. Bread Loaf School of English.  
Additional graduate work, University of Chicago, 1 year.
- FRED CAGLE (1938) *Assistant Professor, Director of Museum*  
B.Ed., Southern Illinois Normal University; M.S., Ph.D., University of Michigan.  
Entered U. S. Armed Services, August, 1943.
- DELIA CALDWELL, M.D. (1921) *Assistant Professor,  
College Physician, Emerita (1935)*
- DOROTHY KELLAR CARTY (1941) *Instructor, Household Arts*  
B.A., Maryville College; M.A., Colorado State College.
- ROBERT C. CASSELL (1938) *Associate Professor of Agriculture*  
B.S., Iowa State College; M.S., University of Idaho; Ph.D., University of Minnesota.
- DOROTHY B. CHAMBERLIN (1942)  
B.S., Women's College of Middlebury; M.D., Albany Medical College.
- STEWART C. CHANDLER (1940) *Consulting Entomologist*  
B.S. in Agriculture, University of Wisconsin; Field Entomologist, Illinois Natural History Survey.
- W. G. CISNE (1916) *Professor, Director of Placements*  
Graduate, Junior College, Southern Illinois Normal University; Ph.B., University of Wisconsin; A.M., University of Chicago.
- LULU R. CLARK (1917) *Assistant Professor  
Allyn Training School, Emerita (1940)*
- VIRGINIA CONGREVE (1941) *Instructor, Physical Education for Women*  
B.A., M.A., Northwestern University.

- FRANK H. COLYER, M.S. (1897) *Professor of Geography,  
Head of Department, Emeritus (1935)*
- ELIZABETH A. COX (1920) *Assistant Professor of English*  
A.B., A.M., University of Kansas.  
Additional graduate work, 24 weeks.
- FLEMIN W. COX (1929) *Associate Professor of Geography*  
A.B., A.M., University of Illinois.  
Additional graduate work, 2 years.
- C. H. CRAMER (1931) *Associate Professor of History*  
A.B., B.S. in Ed., A.M., Ph.D., Ohio State University.  
Entered government service, September, 1942.
- WILLIAM P. DALLMANN (1936) *Associate Professor  
of Foreign Languages*  
B.D., Yale University; M.A., Ph.D., Washington University.
- DOROTHY R. DAVIES (1939) *Assistant Professor of Physical Education  
for Women*  
B.S., University of Cincinnati; M.A., Teachers College, Columbia  
University.  
Residence work for Ph.D. completed, University of Cincinnati.
- J. CARY DAVIS (1930) *Associate Professor of Foreign Languages*  
B.Ed., Southern Illinois Normal University; Sorbonne, 1 summer;  
A.M., Ph. D., University of Chicago.
- FLORENCE E. DENNY (1929) *Assistant Professor of Physiology  
and Health Education, School Nurse*  
B.Ed., Southern Illinois Normal University; graduate, School of  
Nursing, Beth-El Hospital, Colorado Springs; M.A., Teachers  
College, Columbia University.
- VINCENT G. DIGIOVANNA (1929) *Associate Professor  
of Physical Education for Men*  
B.P.E., Springfield College; M.A., New York University; Ph.D.,  
New York University.  
Entered U. S. Armed Services, June, 1943.
- J. W. DILLOW (1934) *Assistant Professor of Rural Education*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois; residence work for D.Ed. completed, Teachers College,  
Columbia University.  
Entered U. S. Armed Services, July, 1943.
- ROBERT W. ENGLISH (1940) *Assistant Professor  
of Industrial Education*  
B.S., James Millikin University; M.A., University of Illinois.  
Additional graduate work, 1 year.
- MARY E. ENTSMINGER (1922) *Assistant Professor,  
Allyn Training School*  
Graduate, Junior College, Southern Illinois Normal University;  
Ph.B., University of Chicago; M.A., Teachers College, Columbia  
University.



FRANCES D. ETHERIDGE (1925) *Assistant Professor  
of Physical Education for Women, Head of Department*  
A.B., B.S., University of Illinois; M.A., Ohio State University.  
Entered U. S. Armed Services, June, 1943.

ROBERT DUNN FANER (1930) *Associate Professor of English*  
A.B., Allegheny College; M.A., University of Iowa; residence work  
for Ph.D. completed, University of Pennsylvania.  
Entered U. S. Armed Services, April 24, 1942.

JEAN FLIGOR (1941) *Instructor, Rural Training Schools*  
B.Ed., Southern Illinois Normal University; M.A., Northwestern  
University.

\*MAE L. FOX (1924) *Instructor, Brush Training School*  
B.Ed., Southern Illinois Normal University; M.A., Teachers Col-  
lege, Columbia University.  
Additional graduate work, one semester.

\*ELBERT FULKERSON (1932) *Instructor,  
Principal of Carterville High School*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois.

WILLARD M. GERSBACHER (1936) *Associate Professor of Zoology,  
Head of Department*  
B.Ed., Southern Illinois Normal University; A.M., Ph.D., Uni-  
versity of Illinois.

M. ALBERTA GIBBONS (1921-3; 1928) *Assistant Professor,  
University High School*  
A.B., University of Illinois; A.M., Columbia University.  
Additional graduate work, University of Chicago, Northwestern  
University, 14 semester hours.

\*TINA GOODWIN (1925) *Instructor, Brush Training School*  
B.Ed., Southern Illinois Normal University; M.A., Teachers Col-  
lege, Columbia University.  
Additional graduate work, 1 year.

WANDA NEWSUM GUM (1916-22; 1935) *Assistant Professor of Sociology,  
Assistant Dean of Women*  
B.Ed., Southern Illinois Normal University; M.A., Washington  
University; residence work for Ed.D. completed, New York Uni-  
versity.

DILLA HALL (1924) *Assistant Professor  
Dean of Boys, University High School*  
B.Ed., Southern Illinois Normal University; M.S., University of  
Chicago; residence work for Ph.D. completed, St. Louis University.

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S. I. N. U.



- EMERSON HALL (1929) *Associate Professor of Rural Education.*  
B.Ed., Southern Illinois Normal University; M.S., University of Michigan; Ph.D., George Peabody College for Teachers.
- HAL HALL (1936) *Assistant Professor,  
Superintendent of Campus Laboratory School.*  
B.Ed., Southern Illinois Normal University; M.B.A., Northwestern University; Ed.D., New York University.
- GOLDA D. HANKLA (1938) *Instructor, Librarian.*  
B.Ed., Southern Illinois Normal University; M.A., B.S., in L.S., University of Illinois.
- J. W. HARRIS (1939) *Assistant Professor of English.*  
B.S., M.A., Ph.D., University of Illinois.
- FAY HART (1930) *Assistant Professor, Librarian.*  
A.B., Illinois College; B.L.S., University of Illinois School of Library Service.
- REBA HARTLEY (1942) *Nurse*  
B.S. in Nursing, Washington University; M.S. in Public Health, University of Minnesota.  
On leave of absence, field work with Red Cross, January, 1943.
- MARIE A. HINRICHS (1935) *Professor of Physiology and Health  
Education, Head of Department, College Physician*  
A.B., Lake Forest College; Ph.D., University of Chicago; M.D., Rush Medical College.  
Additional graduate work, 14 summers.
- RUTH HUSBAND (1929) *Instructor, Allyn Training School*  
B.S., A.M., University of Illinois  
Additional graduate work, 19 semester hours.
- AGNES J. JOHNSON (1939) *Instructor, Allyn Training School*  
B.S., Drake University; M.A., Teachers College, Columbia University.
- LEONARD J. KEEFE (1940) *Instructor, University High School*  
B.Ed., Illinois State Normal University; M.A., Colorado State College of Education.  
Entered U. S. Armed Services, September, 1943.
- THELMA L. KELLOGG (1929) *Associate Professor of English.*  
B.A., M.A., University of Maine; A.M., Ph.D., Radcliffe College.  
Additional graduate work, Oxford University, 1 summer.
- FLORENCE R. KING (1911) *Instructor, Allyn Training School,  
Emerita (1936)*
- GRACE E. KITE (1941) *Instructor, Librarian*  
B.S., Northwestern University; M.A., Teachers College, Columbia University; B.S., in L.S., Library School, University of Illinois.

- EDITH SMITH KRAPPE (1929) *Assistant Professor of English*  
A.B., A.M., University of Iowa.  
Additional graduate work, 37 semester hours.
- ANNEMARIE E. KRAUSE (1930) *Assistant Professor of Geography*  
B.S., University of Minnesota; M.S., University of Illinois.  
Residence work for Ph.D. completed, University of Chicago.
- JUDSON T. LANDIS (1939) *Associate Professor of Sociology*  
A.B., Greenville College; A.M., University of Michigan, Ph.D.,  
Louisiana State University.
- DOUGLAS E. LAWSON (1935) *Associate Professor of Education*  
A.B., M.A., Colorado State Teachers College; Ph.D., University of  
Chicago.
- E. G. LENTZ (1914) *Professor of History, Dean of Men*  
A.B., Indiana University; A.M., University of Illinois.
- AUDREY HILL LINDSEY (1941) *Instructor, University High School*  
B.Ed., Southern Illinois Normal University; M.S., University of  
Michigan.  
Additional graduate work, 1 summer.
- \*FRED K. LINGLE (1932) *Instructor, Carterville High School*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois.
- LELAND P. LINGLE (1927) *Assistant Professor of Physical Education*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Iowa.  
Additional special physical education work, one-half year.
- C. C. LOGAN (1923) *Assistant Professor, University High School*  
B.S., University of Illinois.  
Additional graduate work, University of Illinois, 3 semester hours.
- DOROTHY B. MAGNUS (1936) *Assistant Professor of English*  
Graduate, State Teachers College, Winona, Minnesota; B.S., M.A.,  
University of Minnesota.  
Additional graduate work, 1¾ years.
- WILLIS E. MALONE (1941) *Instructor, Rural Training Schools*  
B.Ed., Southern Illinois Normal University; M.A., Northwestern  
University.  
Additional graduate work, 1 summer.
- WILLIAM M. MARBERRY (1939) *Assistant Professor of Botany*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois.  
Additional graduate work, 1½ years.  
Entered U. S. Armed Services, January 30, 1942.

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\* Responsibility as to employment and salary divided between local board and  
S. I. N. U.

- GLENN MARTIN (1938) *Instructor in Physical Education for Men*  
B.Ed., Southern Illinois Normal University; M.A., University of Iowa.
- HELEN E. MATTHES (1920) *Instructor in Music*  
Chicago Musical College, 1 year, 1 summer; Bohlman School of Music, 1 summer.
- \*MAUDE MAYHEW (1924) *Instructor, Brush Training School*  
Ph.B., University of Chicago; M.A., Teachers College, Columbia University.
- JOHN R. MAYOR (1935) *Professor of Mathematics, Head of Department*  
B.S., Knox College; M.A., University of Illinois; Ph.D., University of Wisconsin.
- CHARLES ROCKWELL MCCREIGHT (1938) *Instructor in Education, Director of Physical Plant*  
A.B., M.A., University of Illinois.
- W. C. McDANIEL, (1939) *Assistant Professor of Mathematics*  
B.S., Kansas State College, M.Ph., Ph.D., University of Wisconsin.
- EDWARD C. McDONAGH (1940) *Assistant Professor of Sociology, Coordinator of Regional Planning for the College*  
A.B., A.M., Ph.D., University of Southern California.
- DAVID S. MCINTOSH (1927) *Associate Professor of Music, Head of Department.*  
B.M.E., Northwestern University; M.A., University of Iowa.  
Additional graduate work, 1 year.
- ELSIE PARRISH MCNEILL (1933) *Instructor, Rural Training Schools*  
B.Ed., Southern Illinois Normal University; M.A. University of Illinois.
- BRUCE W. MERWIN (1927) *Professor, Director of Training Schools*  
A.B., B.S. in Education, A.M., Ph.D., University of Kansas.
- EDWARD V. MILES, JR. (1919) *Associate Professor of Economics, Business Manager*  
B.Ed., Southern Illinois Normal University; M.A., St. Louis University.  
Additional graduate work, 1 year.
- SINA M. MOTT (1936) *Assistant Professor, Allyn Training School*  
A.B., Iowa State Teachers College; M.A., Ph.D., New York University.
- R. E. MUCKELROY (1911) *Professor of Agriculture, Head of Department*  
B.S., University of Illinois; M.S., University of Wisconsin.

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\* Responsibility as to employment and salary divided between local board and S. I. N. U.



- DOROTHY M. MUZZEY (1928) *Assistant Professor of Physical Education for Women*  
B.A., Iowa State Teachers College; A.M., University of Illinois.
- MERRILL T. MUZZEY (1942)  
B.A., Iowa State Teachers College; M.A., University of Illinois.
- J. W. NECKERS (1927) *Professor of Chemistry, Head of Department*  
A.B., Hope College; M.S., Ph.D., University of Illinois.
- JULIA NEELY (1926) *Associate Professor of English*  
A.B., A.M., Washington University.  
Additional graduate work, 2½ years.
- SUSIE OGDEN (1931) *Assistant Professor of Commerce*  
B.Ed., Southern Illinois Normal University; M.A., University of Illinois.  
Additional graduate work, 32 hours.
- DELMAR W. OLSON (1940) *Instructor in Industrial Education*  
B.S., Iowa State College; M.A., Ohio State University.  
Additional graduate work, 2 quarters.
- CHARLES J. PARDEE (1929) *Assistant Professor of History*  
A.B., Hiram College; B.D., Union Theological Seminary; A.M., University of Chicago.  
Additional graduate work, 1 year.
- JOHN B. PARRISH (1939) *Assistant Professor of Economics*  
A.B., Ph.D., University of Illinois.  
Entered Government Service, August, 1942.
- DOUGLAS F. PARRY (1942) *Instructor*  
B.A., M.A., University of Utah; Ph.D., Syracuse University.  
Entered U. S. Armed Services, April 28, 1943.
- RACHAEL ANNE PARRY (1943)  
Graduate, Oswego State Normal School, Oswego, N. Y.; B.S., M.S., Syracuse University; residence requirement for Ph.D. completed, Syracuse University.
- CHARLES PATERSON (1939) *Instructor, Training Schools*  
B.Ed., Southern Illinois Normal University.  
Additional work, Carnegie Conservatory of Music. Dunfermline, Scotland; Chicago Conservatory of Music (Violin Diploma); Cincinnati Conservatory of Music (Public School Music Diploma).
- VERA LOUISE PEACOCK (1930) *Professor of Foreign Languages, Head of Department*  
A.B., A.M., Ph.D., Cornell University.  
Additional graduate work, 2 years.



LOUIS PETROFF (1942) *Acting Head, Department of Economics*  
B.A., University of Wisconsin; M.A., Ph.D., University of Southern California.

WILLIAM NEAL PHELPS (1941) *Assistant Professor, University High School*  
B.Ed., Southern Illinois Normal University; M.A., University of Illinois.  
Additional graduate work, 1½ years.

LLOYD J. PHIPPS (1941) *Instructor, University High School*  
B.S., M.S., University of Illinois.

J. M. PIERCE, A.B., A.M. (1892-4; 1899) *Associate Professor of German, Emeritus (1935)*

ESTHER M. POWER (1929) *Associate Professor of English*  
A.B., Colby College; A.M., Columbia University; B.A., (Honors), M.A., Oxford University; Ph.D., University of Chicago.  
Entered Government Service, February, 1943.

J. R. PURDY (1929) *Associate Professor of Mathematics*  
B.S., M.A., Kenyon College; Ph.D., University of Illinois.

TED R. RAGSDALE (1925) *Associate Professor of Education*  
B.Ed., Southern Illinois Normal University; M.A., University of Illinois; Ph.D., St. Louis University.

VICTOR RANDOLPH (1935) *Assistant Professor of Education*  
B.Ed., Southern Illinois Normal University; A.M., Teachers College, Columbia University; Ph.D., George Peabody College for Teachers.  
Entered U. S. Armed Services, July, 1943.

EVELYN DAVIS RIEKE (1937) *Instructor, Dean of Girls, University High School*  
B.S., A.M., University of Illinois.

LULU D. ROACH (1930) *Assistant Professor of Art*  
Graduate, Southern Illinois Normal University; Ph.B., University of Chicago.  
Additional graduate work, University of Chicago, 1 year.

RACHEL E. ROAD (1943) *Instructor, Librarian*  
A.B., Manchester College; B.S. in L.S., Library School, University of Illinois.

ORA ROGERS (1928) *Assistant Professor, Allyn Training School*  
B.Ed., Southern Illinois Normal University; A.M., University of Illinois.

DOROTHY H. ROLENS (1943) *Instructor, Commerce*  
B.S., Southwest Missouri State Teachers College; M.A., University of Missouri.

- HOMER C. ROSE (1941) *Instructor in Industrial Education*  
B.S., Stout Institute; M.S., Iowa State University.  
Additional graduate work, New York University, 2 summers.  
Entered Government Service, July, 1942.
- WILLIAM B. SCHNEIDER (1936) *Associate Professor of English*  
A.B., A.M., University of Illinois; Ph.D., University of Chicago.
- J. HENRY SCHROEDER (1923) *Associate Professor of Industrial Education, Head of Department*  
B.Ed., Southern Illinois Normal University; M.S., University of Iowa.
- MADELYN SCOTT (1937-38; 1940) *Instructor, Allyn Training School*  
B.Ed., Southern Illinois Normal University; M.A., University of Chicago.
- MARTHA SCOTT (1929) *Assistant Professor of Zoology*  
A.B., Park College; M.S., University of Chicago.  
Additional graduate work, 3 years.
- R. A. SCOTT (1923) *Associate Professor of Chemistry*  
B.S., M.S., Ph.D., University of Illinois.
- MELVIN J. SEGAL (1937) *Assistant Professor of Economics*  
A.B., Amherst College; M.A., Ph.D., University of Illinois.  
Entered Government Service, March, 1942.
- MARJORIE SHANK (1923) *Associate Professor of Geography, Registrar*  
A.B., University of North Dakota; A.M., Clark University.  
Additional graduate work, 1 year.
- BURNETT H. SHRYOCK (1935) *Assistant Professor of Art, Head of Department*  
A.B., University of Illinois; M.A., Teachers College, Columbia University.  
Additional graduate work, American Academy of Art and the Chicago Art Institute, 2 years.
- ESTHER SHUBERT (1940-42, 1943) *Instructor, Librarian*  
B.Ed., Eastern Illinois State Teachers College; B.S. in L.S., M.S., University of Illinois.
- GEORGE W. SMITH (1890) *Professor of History, Emeritus (1935)*
- GLADYS L. SMITH (1931) *Instructor, University High School*  
B.Ed., Southern Illinois Normal University; M.A., Teachers College, Columbia University; residence work for Ph.D. completed, University of Iowa.
- \*GLADYS O. SMITH (1932) *Instructor, Carterville High School*  
B.Ed., Southern Illinois Normal University; M.Ed., University of Illinois.  
Additional graduate work, 1 summer.

\* Responsibility as to employment and salary divided between local board and S. I. N. U.

- MADELEINE M. SMITH (1929) *Assistant Professor of Foreign Languages*  
 A.B., A.M., Northwestern University.  
 Additional graduate work, Sorbonne, University of Chicago, Middlebury College French School, 1 year.  
 Entered Government Service, April, 1943.
- LOREN SPIRES (1932) *Instructor, Physics*  
 B.Ed., Southern Illinois Normal University.  
 Additional work, 1 year.
- COLETA H. KNEWITZ SPIRO (1942) *Instructor, University High School*  
*Cafeteria Manager*  
 B.S., M.S., University of Illinois.
- MARY M. STEAGALL, Ph.D. (1908) *Professor of Zoology,*  
*Head of Department, Emerita (1938)*
- HILDA A. STEIN (1925) *Associate Professor of Zoology*  
 B.Ed., Southern Illinois Normal University; M.S., University of Illinois.  
 Additional graduate work, 12 months.
- L. STOLFA (1942) *Instructor, Physiology and Health Education,*  
*Associate College Physician*  
 M.D., University of Illinois.
- WILLIS G. SWARTZ (1930) *Professor of Government,*  
*Head of Department*  
 B.A., M.A., Ph.D., University of Iowa.  
 Additional graduate work, Clark University, 1 year.
- HARLEY R. TEEL (1935) *Assistant Professor, Principal of Brush*  
*Training School*  
 B.Ed., Southern Illinois Normal University; A.M., University of Illinois.  
 Additional graduate work, 1 year.
- CHARLES D. TENNEY (1931) *Associate Professor of English*  
*and Philosophy*  
 A.B., Gooding College; A.M., Ph.D., University of Oregon.
- WELLINGTON A. THALMAN (1929) *Professor of Education*  
 A.B., Ellsworth College; A.M., Ph.D., Cornell University.
- MADGE TROUTT (1924) *Assistant Professor, University High School*  
 B.Ed., Southern Illinois Normal University; A.M., University of Chicago.  
 Additional graduate work, 24 semester hours.
- \*JEWELL TRULOVE (1930) *Instructor, Brush Training School*  
 B.Ed., Southern Illinois Normal University; M. A., Teachers College, Columbia University.

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\* Responsibility as to employment and salary divided between local board and S. I. N. U.



- EMERSON S. VAN CLEAVE (1938) *Instructor in Music*  
B.M., DePauw University; M.S. in Education, Indiana State Teachers College.
- K. A. VAN LENTE (1931) *Associate Professor of Chemistry*  
A.B., Hope College; M.S., Ph.D., University of Michigan.
- JOSEPH VAN RIPER (1939) *Assistant Professor of Geography*  
A.B., University of Michigan; A.M., Syracuse; Ph.D., University of Michigan.  
Entered Government Service, June, 1942.
- RUBY VAN TRUMP (1928) *Assistant Professor, Allyn Training School*  
B.S. in Education, Southwest Missouri State Teachers College;  
A.M., George Peabody College for Teachers.
- FLOYD V. WAKELAND (1939) *Assistant Professor of Music*  
B.Mus., Illinois Wesleyan University; M.Mus., Bush Conservatory.  
Additional study, 1 year, Theodore Harrison, Voice Class.
- F. G. WARREN (1913) *Professor of Education, Head of Department*  
A.B., McKendree College; A.M., University of Chicago; residence work for Ph.D. completed, St. Louis University.
- \*IRENE WATSON (1933-'37; 1940) *Instructor, Carterville High School*  
B.S., in Music, James Millikin University; A.M., University of Illinois.
- RICHARD E. WATSON (1940) *Assistant Professor of Physics and Astronomy*  
B.Ed., Southern Illinois Normal University; M.A., Ph.D., University of Illinois.  
Entered Government Service, September, 1942.
- WALTER B. WELCH (1938) *Assistant Professor of Botany*  
A.B., Wabash College; M.S., Ph.D., University of Chicago.
- FLORENCE A. WELLS (1927) *Assistant Professor, University High School*  
B.Ed., Southern Illinois Normal University; A.M., University of Illinois.
- \*GRACE WILHELM (1924) *Instructor, Brush Training School*  
B.Ed., Southern Illinois Normal University; M.A., Teachers College, Columbia University.
- GLADYS POTTER WILLIAMS, M.A. (1917) *Professor of Art, Head of Department, Emerita (1942)*
- LUCY K. WOODY (1911) *Professor of Household Arts, Head of Department, Dean of Women*  
B.S., M.A., Teachers College, Columbia University.

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\* Responsibility as to employment and salary divided between local board and S. I. N. U.



- ALICE KELSEY WRIGHT (1925) *Assistant Professor of Mathematics*  
A.B., Indiana University; A.M., University of Illinois.
- JOHN I. WRIGHT (1925) *Assistant Professor of History*  
Ph.B., A.M., University of Chicago.  
Additional graduate work, 1 semester.
- O. B. YOUNG (1929) *Associate Professor of Physics and Astronomy,*  
*Head of Department*  
A.B., Wabash College; A.M., Ph.D., University of Illinois.
- CHARLOTTE ZIMMERSCHIED (1927) *Assistant Professor of Physics*  
*and Astronomy*  
A.B., A.M., University of Minnesota.  
Additional graduate work, 1 year.

### **Assistants**

- JOSEPHINE ALEXANDER (1943) *Faculty Assistant, Museum*
- JOHN ALLEN *Faculty Assistant, Museum*
- CORNELIA BEACH (1937) *Secretary to the Business Manager*  
B.Ed., Southern Illinois Normal University.
- DOROTHA BOSKET *Rural Education*  
B.Ed., Southern Illinois Normal University.
- MARJORIE CLOTFELTER *Clerk-Stenographer*  
B.Ed., Southern Illinois Normal University.
- DOROTHY COX *Carterville High School*  
A.B., University of Illinois; M.S., University of Iowa.
- ALICE DIGIOVANNA *Assistant to the President*  
B.Ed., Southern Illinois Normal University.
- CARMEN DOHANICH *Carterville High School*  
B.Ed., Southern Illinois Normal University.
- WILLIAM FREEBERG (1942) *Faculty Assistant*  
B.Ed., Southern Illinois Normal University.
- MABEL HOWELL (1939) *Accountant*  
B.Ed., Southern Illinois Normal University.
- CLAIRE KENNEDY (1942) *Secretary to the President*  
B.Ed., Southern Illinois Normal University.
- WANDA RUTH KIEL (1943) *Faculty Assistant*  
B.Ed., Southern Illinois Normal University.
- MABEL LANE *Rural Education*  
B.Ed., Southern Illinois Normal University.
- PATRICIA LILL *Rural Education*  
B.Ed., Southern Illinois Normal University.

GEORGIA LINGLE *Carterville High School*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois.

JUNE MALLAMS *Rural Education*  
B.Ed., Southern Illinois Normal University.

ELIZABETH MEEHAN *Rural Education*  
B.Ed., Southern Illinois Normal University; M.A., University of  
Illinois.

CARL TROBAUGH (1942) *Manager of the Book Store*  
Entered U. S. Armed Services, July, 1943.

GERTRUDE WEIDEMIER (1943) *Manager of the Book Store*

## GENERAL INFORMATION

### Terms of Admission and Advanced Standing

Graduates of any recognized four-year high school or academy with fifteen units of secondary work may be admitted to any curriculum. The recognized schools of Illinois are listed in the School Directory, published annually by the Office of the Superintendent of Public Instruction. A graduate of a high school outside of the State may be admitted to Southern Illinois Normal University if the high school is accredited by the university of the state in which it is located. Persons under twenty-one years of age may not be admitted to the College without high-school graduation.

A student with an incomplete high-school record may complete admission requirements by passing entrance examinations in a sufficient number of subjects to complete 15 units. Application for such examinations should be made to the Principal of University High School. A fee of one dollar is charged for each course in which a student is examined.

High school students who are on an accelerated program and are graduated from the high school with fourteen units or more and are recommended for college by the high school may enter with only the fourteen units.

A person who has attended another college or university must present a complete transcript of his record and a statement of good standing before he may be admitted to Southern Illinois Normal University. A statement of advanced standing will be given in advance in case the student is from a college which is a member of the regional accrediting agency or the American Association of Teachers Colleges.

Not more than one-fourth of the credit submitted for graduation may be made by correspondence and extension combined. Correspondence credit is accepted from members of the Association of American Universities. The final examinations in correspondence courses should be taken on this campus or at the university which offered the course. Credit is not accepted, however, if a student makes a grade lower than C.

*Notice to New Students—All credentials must be filed in advance of registration.*

### Graduation

Every candidate for graduation should file application with the Registrar not later than the beginning of the spring term.

Each candidate should have his record checked at least one quarter before the date of his expected graduation.

Formal graduation exercises are held but once a year, at the close of the spring quarter. Students who can complete their work by the

close of the summer session are included with the June graduates, though the degree is not actually conferred until the work is completed. The Bachelor of Education Degree is the only one conferred. For details concerning the requirements see pages 40, 41.

A five-dollar graduation fee must be paid at the time of application. This fee includes the diploma, cap and gown rental, Commencement invitations, and alumni dues.

## Course Numbers

The course numbering system is as follows: 100-199, freshman courses; 200-299, sophomore courses; 300-499, junior and senior courses.

## Unit of Credit

A quarter hour represents the work done by a student in a course pursued for a term of twelve weeks, one hour a week, and, in the case of the laboratory courses, the usual additional time. It is equivalent to two-thirds of a semester hour.

Any change of grade, such as completing an N.C., must be made within a year after the close of the term in which the course was taken. A fee of one dollar is charged for the completion of a course marked N.C., unless the student presents a certificate from the college physician.

## Schedule of Periods

Each class period is fifty minutes in length. Following is the schedule for the regular school year, War time:

1st hour....	8:00 - 8:50	5th hour.....	1:00 - 1:50
2nd hour....	9:00 - 9:50	6th hour.....	2:00 - 2:50
3rd hour....	10:00 - 10:50	7th hour.....	3:00 - 3:50
4th hour....	11:00 - 11:50	8th hour.....	4:00 - 4:50

No classes are scheduled to meet Tuesday, the second hour, the regular College assembly period.

## Scholarship

Grades are expressed in letters as follows:

A, Excellent .....	5 grade points
B, Good .....	4 grade points
C, Fair .....	3 grade points
D, Poor, but passing.....	2 grade points
E, Failure .....	1 grade point
Fld, Failing at time of withdrawal within term, course not completed	1 grade point
N.C., Passing at time of withdrawal but course not completed.	

Students regularly carry 15 to 17 hours of work. Those desiring to carry more than 18 hours must secure permission from Mr. Warren,



Head of the Education Department. If a student has an A-B average, or a grade-point average above 4.0, he may register for a maximum of 20 hours of work.

Before a student may be graduated, he must have a 3.0 average. This same average is required in his major subject and as a prerequisite for practice teaching. At least three-fourths of the credits counted for the degree must be C or better.

Any student whose grade-point average falls below 2.75 is automatically placed on probation. He must attain a 3.0 average the succeeding term in order to have the probationary status removed.

A freshman who fails to make the required average will be on probation through the second and third quarters, but must have at least a 2.75 average by the end of the freshman year in order to be admitted to the sophomore year. He should have a 3.0 average by the close of the sophomore year.

Any student who feels he has justifiable reasons for not having fulfilled the general scholarship requirement may present his case to the Dean of Men or the Dean of Women, who in turn may refer him to the Scholarship Committee for reinstatement.

A student having less than a 3.0 average who wishes to attend with no possibility of securing a certificate or diploma may do so upon the approval of the Scholarship Committee.

Any student who has attended another college or university and has an average below C is not eligible for admission to Southern Illinois Normal University. Any student may appeal his case to the President or the Scholarship Committee for permission to register.

In recognition of high scholarship, a number of students in the junior class are elected each year to Kappa Delta Pi, National Honor Society in Education. The names are announced on Honors Day. Candidates for the Bachelor of Education Degree who have maintained a grade-point average of 4.25 or more for all of their work through the winter term of their senior year receive honor pins. In the case of a transfer student, he must have entered Southern Illinois Normal University by the beginning of the Junior year and have maintained the 4.25 average.

Graduating seniors are recognized at Commencement time on the graduation program, and the diplomas designate honors granted on the following basis:

Highest Honors.....Point average of 4.90 or higher

High Honors.....Point average of 4.75 - 4.89

Honors.....Point average of 4.50 - 4.74

## Expenses

The State Teachers College Board has established the following regulations in the matter of fees paid by students enrolled in any of the State Teachers Colleges of Illinois.

The total fees in the College of Education amount to \$17.50 a term plus a Federal tax of 25c. This includes all student activities. These fees, exclusive of the \$2.50 book rental, are set by the Teachers College Board and are uniform for all State Teachers Colleges in Illinois.

The total fees for freshmen and sophomores in the College of Arts and Sciences and the College of Vocations are the same as those in the College of Education. Fees for the juniors and seniors in those two Colleges will be announced later.

The following is a schedule of fees for special services:

1. Registration fee .....\$10.00
2. Student activity fee..... 5.00

The general activity charge includes the fee for limited hospitalization, entertainment, athletics, *The Obelisk*, *The Egyptian*, and such other activities as the Council of Administration shall set up. The distribution of fees for the various activities for the present year will be determined by the Council of Administration.

3. Book Rental .....\$2.50

A registration fee of \$2.00 a quarter hour is charged for extension students, but none of the activity benefits are included.

Additional special fees include the following:

- |   |         |
|---|---------|
| Late Registration fee.....                  | \$ 1.00 |
| Chemistry Laboratory Breakage Deposit.....  | 1.00    |
| Botany 101 Laboratory Breakage Deposit..... | 2.00    |
| Private Music Courses, 1 lesson a week..... | 12.00   |
| Completion of N.C.....                      | 1.00    |
| Graduation .....                            | 5.00    |

Additional fees are charged for library fines, breakage, failure to report for physical examination, etc. The first transcripts of college records are furnished free, provided the student has fulfilled all his financial obligations to the College. There is a charge of \$1.00 for each additional transcript.

## Refund of Fees

Students withdrawing from the College within ten days after the beginning of the term may secure a full refund of all fees. In order to receive this, a student must make application to the Business Office within ten days following the last day of the regular college registration period. No refunds are made after that time.

## STUDENT EMPLOYMENT SERVICE

The Student Employment Service is conducted to assist students to earn a part of their expenses, although it is impossible to guarantee work to every applicant. Prospective students who expect to earn any part of their expenses, and who do not have definite appointments to positions before coming to college, should have means of support for at least one term. Two programs of work are available: State and private.

State employment provides some part-time work in the following projects: clerical and stenographic work; assistance in offices, libraries, laboratories, the museum, and the engineering department; campus beautification; and research and economic surveys. Previously enrolled students who have proved their ability are usually chosen for these positions.

Private employment is sometimes secured by the students themselves, but requests for student help often come to the campus. These calls are continuous throughout the year and usually require immediate placements. Students interested in this kind of work must register with the Student Employment Service at the beginning of each term.

Requests for application forms should be made to Mrs. Wanda Newsum G'um, Assistant Dean of Women. Each applicant is urged to call at the Student Employment Service for an interview and to learn about employment possibilities.

## SCHOLARSHIP AWARDS AND LOANS

*Normal School Scholarships* are awarded each year through the office of the State Superintendent of Public Instruction to graduates of recognized Illinois high schools in the order of the rank of the student, beginning with the highest in rank, and with the proviso that the recipient signify his intention to teach. These scholarships, which are acceptable at any Illinois teachers college, exempt the holders from the payment of the registration fee, which amounts to thirty dollars a year, or a total of one hundred twenty dollars.

The *Lindley Scholarships*, which have not been awarded since 1935, are still honored as long as the students have not used them the four years or to the total value of one hundred twenty dollars.

The *Illinois Educational Benefit Act* of 1935 provides educational opportunities for the children of Soldiers, Sailors, and Marines who were killed in action or died during World War I. The benefits consist of board, room rent, books and supplies, not to exceed \$150 per year. Orphans of Soldiers, Sailors, and Marines who are not less than 16 years or more than 22 years of age are eligible to receive these benefits. Applications for benefits should be made to Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

*World War Veterans.* Any person who served in the Army, Navy, or Marine Corps of the United States during World War I and who at the time of entering upon such service was a resident of this State



and who has been honorably discharged from such service and who possesses all necessary entrance requirements shall upon application and proper proof be awarded a Normal School Scholarship entitling the recipient to tuition.

*Rehabilitation.* Public Law No. 16 provides vocational rehabilitation for any person in service after December 7, 1942, and before the close of the war, who is honorably discharged and in need of rehabilitation. Support for such rehabilitation may be given up to four years of work. Applicants for this service should write to the Veterans' Administration, Hines, Illinois, for further information.

A maximum loan of \$25 from the *College Loan Fund* is available to any student who has established a satisfactory record for at least one term. This fund is controlled by the Business Manager, Dean of Women, and Dean of Men.

A *Student Investment Fund* has been created by the *Carbondale Rotary Club* for the benefit of S. I. N. U. senior men who may be in urgent need of money for the completion of their college course. Loans are available in units of \$30 per term and repayable without interest within five months after the applicant has secured gainful occupation. Selection of applicants is based upon financial need, character, scholastic standing, and qualities of leadership.

The *Carbondale Lions Club* has made available through its *Student Loan Fund* financial aid sufficient to pay the tuition of four male students for each term of the regular school year. These loans are made without interest for a period not exceeding one year. The recipient need not be a senior, but must signify his intention to secure employment not later than the September following the date of the loan.

*The Charles Neely Scholarship Award.* The local chapter of the American Association of University Professors awards annually a prize of \$25 to a member of the junior class who has a high scholastic average.

The *Chi Delta Chi* fraternity maintains an *Improvement Fund*, which is under the supervision of a student finance committee and the fraternity's faculty sponsor. From this fund small, non-interest-bearing loans are available to initiated members of the organization. Chi Delta Chi each September awards a prize of \$10 to \$12 to the member who has made the highest scholastic average in the preceding academic year.

The Alpha Delta Chapter of Delta Sigma Epsilon sorority and its alumnae established the *Betty Rhodes Memorial Scholarship* of \$30 in the fall of 1937. It is awarded to a sophomore non-sorority girl having qualities of personality, leadership, and high scholastic standing.

## Anthony Hall

Anthony Hall, normally the Women's Residence Hall, is temporarily occupied by aviation cadets now located on the Southern Illinois Normal University campus.

## **Other Student Homes in Carbondale**

Much of a student's success depends upon the conditions at his boarding and rooming place. He must have not only fresh air, pure water, wholesome food, even temperature, and good light in his study room, but also favorable conditions for study and for sleep.

A detailed set of regulations designed to protect the interests of householder and students alike is furnished to each householder and should be secured, from the Dean of Men or the Dean of Women, by each student. The Deans keep in touch regularly with the householders of all rooming-places and coöperate with them.

The following four modes of living are practiced by the students:

1. Board and room in the same house. The cost of board and room is from \$6 to \$8 a week.
2. Rooms with light-housekeeping. Students who practice light-housekeeping are able to reduce their living expenses to a cost as low as \$4.25 a week.
3. Rooms without the privilege of light-housekeeping. Such rooms, two persons to the room, cost \$2 to \$2.50 per week per person.
4. Coöperatives. Under this plan, students have found that they get better meals at as low cost and in some cases lower cost, than under a light-housekeeping arrangement.

Except in unusual cases, the Committee believes that best results are secured when not more than two occupy a room. The student should be sure to have it clearly understood how many are to occupy a room with him and how many occupants there will be in the house.

Many serious complications will be avoided if students will consult the Housing Committee before engaging rooms. Some houses now open to students are not recommended by the Committee.

## **Church Attendance**

Students are urged to identify themselves at an early date after entering the College with some church of the city. It is assumed, of course, that the student will affiliate with the church to which he belongs at home, or with which he is most in sympathy as to doctrine and modes of worship.

## **Student Social Life and Self-Government**

Each year the student body elects four members of each class to serve on the Student Council. The Council acts as a policy-making body for student activities, dealing with such problems as elections, control of student publications, social function, student health, and permanent improvements. Through the Council, members of the student body are appointed to serve on important standing committees of the College, thereby integrating student and administration points of view. The Council is active also in public affairs affecting the College.

Other student organizations include national and local professional fraternities, religious groups, literary societies, student cooperatives,



social fraternities, departmental or special interest clubs, and honorary organizations. These are listed and described in detail in the Orientation Booklet issued to each student upon his first enrollment.

### Student Publications

The student publications are the *Egyptian*, a weekly newspaper, and the *Obelisk*, a yearbook. The editors are student journalists appointed by the Student Council. Staff memberships are open on trial to all students.

### Alumni Association

The Alumni Association is the general organization of the alumni of Southern Illinois Normal University. Any graduate or former student is invited to become a member. The *Southern Alumnus* is the quarterly publication of the Association. For information concerning the organization, please write to the Secretary of the Alumni Association, Southern Illinois Normal University.

### Southern Illinois Normal University Foundation

At the meeting of the Teachers College Board on December 15, 1941, the Board approved the establishment of the Southern Illinois Normal University Foundation, a non-profit corporation affiliated with the College, authorized by law to receive gifts, buy and sell and administer property, and otherwise serve the College.

Under the constitution of the Foundation the Executive Committee of the Alumni Association appoints nine of the directors of the new Foundation; three are chosen from the membership of the Teachers College Board; and the President of the College, and the chairman of the Teachers College Board are ex-officio members. This makes the total membership fourteen.

Mr. John D. Dill, Mr. Lindell Sturgis, and Mr. Preston Bradley are the representatives of the Teachers College Board. Dr. Percival Bailey, Chicago; Mr. Sherman Carr, Murphysboro; Mr. J. E. Ether-ton, Carbondale; Mr. Philo Gilbert, Chicago; Mrs. Margaret Browne Karraker, Jonesboro; Mr. John Stevenson, Philadelphia; Mr. Ed. Stotlar, Marion; Mrs. Preston L. Wettaw, Eldorado; and Mr. John Page Wham, Centralia, are the members appointed by the Alumni Association.

The Foundation has been chartered under the laws of the State of Illinois, and is ready to enter upon its work.

### Wheeler Library

The College Library has 46,635 volumes exclusive of those in the training schools. In addition to this number, it has 4,834 public documents and 7,870 bound periodicals. The Library receives 679 periodicals.

The Library is open on school days from 7:45 A. M. to 10:00 P. M. except on Fridays, when it closes at 5:00 P. M. The Library is open Saturdays from 8:30 to 4:30. Special hours are announced for the summer term.



## School Health Service

It is the province of the School Health Service to have general supervision of the health of the students. The physicians in charge have offices on the campus, and give each student an annual medical examination. The three physicians are assisted by two registered graduate nurses. A limited amount of hospitalization and medical care is provided for all resident students. Every effort is made to guard against the spread of communicable diseases in the school.

## Bureau of Child Guidance

The Bureau of Child Guidance is offering even more extensive opportunities for teacher-education. Its program of examining children continues through the entire year, and the Bureau constantly increases its services to pre-service and in-service teachers in their child-development study.

A great variety of demonstrations is presented to education classes. These include all aspects of testing and the handling of personality problems. Seminars are conducted, in which teachers with experience and other students discuss special case studies together.

Attention is called to one of these seminars entitled *Procedures in Child Guidance*, and numbered Education 426. It is conducted entirely by the staff of the Child Guidance Bureau, divided into sub-committees for the detailed study of every phase of guidance work. This is an evening class, meeting once a week.

The Bureau also sends its staff into communities where the public schools request the service. Several Bureau members meet with the administrator of the school and his teaching staff to discuss the services which the Bureau is able to offer, and this is followed by the staffing of a case study. The Bureau members evaluate the facts of the child's problem, and suggest a remedial program. The entire group takes part in the study, both in the diagnosis and in the treatment.

Once each term the Bureau, in coöperation with a psychiatrist, a psychologist, and a psychiatric social worker from the Chicago Institute for Juvenile Research, conducts a three-day clinic. Children are brought from various communities for diagnosis and treatment, and the Chicago staff conducts forums, seminars, and staffings in which students may participate.

The Bureau of Child Guidance consists of faculty members, as follows: several psychologists, two physicians, a clinician, a personnel worker, two social workers, a college nurse, an orthopedic field nurse, and faculty representatives from the Training Schools. All staff members are available for individual conferences with teachers and students relative to the problems of boys and girls. Continuous coöperation exists between the Bureau and the supervisors of the training schools together with the student teachers.

This college has the distinction of being the only institution within a rather large area having a Bureau of Child Guidance, although there are now more than eight hundred Child Guidance Clinics in the United States.

## The Placements Bureau

The Placements Bureau is maintained as a service for students, former students, and graduates of the College who desire to find teaching positions. Public-school officials who have teaching vacancies to fill are assisted in finding well-qualified candidates.

The Bureau is a member of the National Institutional Teacher Placement Association and of the Teacher Placement Association of Illinois Colleges and Universities.

## Extension Service

Southern Illinois Normal University maintains an Extension Service for the benefit of the in-service teachers of Southern Illinois. A maximum of one-fourth of the total number of credits required for graduation may be earned through extension work. Only courses that are also given in residence are offered on the extension basis; they carry the same credit as residence courses. All instructors of extension courses are members of the regular college faculty, and the work offered meets all the requirements of the American Association of Teachers Colleges and the North Central Association of Colleges and Secondary Schools.

The regular charge is \$2.00 per quarter hour of credit per person. Specific inquiries should be addressed to Dr. T. W. Abbott, Director of Extension.

An increasing number of college courses are offered in *late afternoon, evening, and Saturday* sessions on the campus for regular college credit. These classes regularly meet once or twice a week, and are usually scheduled on request to a department head or the Director of Extension.

A considerable number of *no-credit* courses offered to help meet the present emergency are given in regular evening classes at \$5.00 a course. Some of these are: first aid, shorthand, typing, accounting, office machines, machine-tool operations, welding, engineering aid, blueprint reading, aircraft sheet metal, and recreation.

## Certification

A new certification law became effective July 1, 1943. It revises upward some of the former requirements. No one shall be certificated to teach in the common schools of this State who is not of good character, who is not of good health, who is not at least twenty years of age, and who is not a citizen of the United States. The following limited certificates will be issued:

First. A limited elementary school certificate shall be valid for four years for teaching in the lower nine grades of the common schools. It shall be issued to persons who have graduated from a recognized higher institution of learning with a bachelor's degree and with not fewer than one hundred twenty semester hours and with a minimum of sixteen semester hours in education, including five semester hours in student teaching under competent and close supervision. The academic



and professional courses offered as a basis of the limited elementary school certificate shall be in elementary training courses approved by the State Examining Board. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

Second. A limited kindergarten-primary certificate shall be valid for four years for teaching and supervising in the kindergarten and in the first, second and third grades of the common schools. It shall be issued to graduates of a recognized higher institution of learning with a bachelor's degree and with not fewer than one hundred twenty semester hours including sixty semester hours of work in a recognized kindergarten-primary training school and with a minimum of sixteen semester hours in education, including five semester hours in student teaching under competent and close supervision. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

Third. A limited special certificate shall be valid for four years for teaching and supervising the special subject or subjects named in the certificate in any and all grades of the common schools. It shall be issued to persons who have graduated from a recognized higher institution of learning with a bachelor's degree and with not fewer than one hundred twenty semester hours including a minimum of sixteen semester hours in education, five semester hours of which shall be in student teaching under competent and close supervision. The extent of training shall vary according to the subject and the minimum amount of training shall be determined by the State Examining Board. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

These three certificates shall also be issued upon a successful examination to applicants who have completed sixty semester hours of work in training courses in a recognized higher institution of learning including ten semester hours in education, five semester hours of which shall be in student teaching. The examination shall include such subjects as may be prescribed by the State Examining Board.

Fourth. A limited vocational certificate shall be valid for four years for teaching the vocational subject or subjects named in the certificate in grades seven to twelve inclusive of the common schools. It shall be issued to persons who have met the requirements of the State Examining Board.

Fifth. A limited high school certificate shall be valid for four years for teaching in grades seven to twelve inclusive of the common schools. It shall be issued to persons who have graduated from a recognized higher institution of learning with a bachelor's degree and with not fewer than one hundred twenty semester hours including sixteen semester hours in education, five semester hours of which shall be in student teaching under competent and close supervision. The courses in education and student teaching shall be approved by the State Examining Board. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

Sixth. A limited supervisory certificate shall be valid for four years for teaching and supervising in any and all grades of the common



schools. It shall be issued to persons who have graduated from a recognized higher institution of learning with a bachelor's degree and with not fewer than one hundred twenty semester hours including a minimum of sixteen semester hours in education, as may be approved by the State Examining Board, and who have taught successfully for four years. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

Seventh. A limited junior college certificate shall be valid for four years for teaching and supervising in the thirteenth and fourteenth grades of the common schools. It shall be issued to persons who have graduated from a recognized higher institution of learning with a Master's degree, including twenty semester hours in education and a major in the field in which the teacher is teaching. It shall be renewable in periods of four years upon successful teaching experience and professional growth.

The State Examining Board for Teachers' Certificates has set up the following requirements for admission to examination for the Limited State Elementary Certificate:

		Semester Hours or Quarter Hours	
I.	General Education .....	50	75
	a. Language Arts .....	9	13.5
	b. Social Science .....	9	13.5
	c. Natural Science .....	9	13.5
	d. Mathematics .....	6	9.
	e. Fine and Applied Arts...	9	13.5
	f. Electives .....	5	7.5
	g. Physical Education .....	3	4.5
II.	Education .....	10	15
	a. Educational psychology, child psychology, human growth and development	2 or 3	3 or 4.
	b. Teaching and learning techniques in the modern elementary school and curricula problems .....	2 or 3	3 or 4.
	c. Student Teaching .....	60 or	90
		5	7.5
Total .....		<hr/>	

## **OPPORTUNITIES FOR TRAINING FOR WAR WORK**

### **Teaching**

One of the most pressing needs on the home front is for teachers. The demand is urgent for both new teachers and the return to service of former teachers.

To meet the situation, certification laws have been relaxed. It has now become possible for students to secure emergency certificates with a minimum of only one year of college credit. Two years of college work entitles them to take the examination for the Limited Elementary Certificate.

Former teachers are urged to take refresher courses in order to be well prepared to help in the emergency.

### **Special War Curricula for Women**

Special curricula have been arranged to train women for war jobs in the following fields: pre-engineering, personnel management, general office work, office management, and pre-professional social work. All courses in these curricula carry credit toward a degree, and most sophomores and upperclassmen will find on examining the curricula (See p. 35) that they have already taken many of the courses.

### **Nursing Education**

Southern Illinois Normal University is making definite plans to offer preparatory work in nursing. A student may acquire two years of pre-nursing education, or take the Bachelor of Education degree with a major in nursing education, or, if she has attended a school of nursing, work for the Bachelor of Education degree in addition to her nursing degree without serious loss of time.

### **Commerce**

The present urgent demand for people with commercial training both in the armed forces and in industry needs no emphasis. It might be well to point out, however, that both men and women who enter the armed forces are much more likely to be assigned to office work if they have had specific training for it.

The college courses in commerce cover the following subjects: Accounting, Cost Accounting, Typewriting, Shorthand, Commercial Arithmetic, Business Information, Business Administration, Salesmanship, Marketing, and Office Machines and Office Procedure. To enter these courses a student should be a graduate of a four-year accredited high school. A recent ruling of the college has made it possible for a student who is planning to enter defense training or service, to enroll, without additional tuition, in as many of these courses as he and his examiner may decide are helpful to him.

## **Mathematics**

For many different kinds of war activities involving both men and women, a year or more of college mathematics is prerequisite. To meet this requirement, the Department of Mathematics offers a year's work in a combined course listed as Elementary Mathematical Analysis, which covers elementary mathematics through analytic geometry. The department also offers a five-hour course in Statistics which can be taken after two terms of college mathematics. A course in Solid Geometry and Spherical Trigonometry has been introduced to give background material for those going into the Navy or any branch of aviation.

## **Geography, Meteorology, and Map Reading**

The Geography and Geology Department offers several courses which have proved especially beneficial to persons entering the armed forces. Students who take the two meteorology courses are eligible for the United States Airway Weather Observers' examination and the Civil Service examination to become ground instructors in meteorology. Geography 310, Advanced Meteorology, is especially recommended to those who expect to teach pre-aeronautics in high school, attend institutes of meteorology, or become aviators. Geography 306, Map and Aerial Photograph Reading and Interpretation, is especially valuable for ground soldiers. Geography 101, Physical Geography, and Geology 300, Geomorphology, emphasize land forms and the terrain over which battles are fought. Geography 345, Geopolitics, gives students a perspective of the world problems and the geographic influences upon the war or peacetime and the internal or external national policies of the leading world powers.

## **Radio**

Because of the urgent need for both men and women who possess basic training in the fundamentals of radio, two special courses in radio work are offered.

The first is given in the ESMWT program under the United States Office of Education. This course is Fundamentals of Radio, Part 1 and Part 2.

The second, a regular college course in radio, is offered as an advanced course in physics and counts towards a major or a minor in physics.

## **Industrial Education**

1. For Elementary and High School Teachers. There has never been a time in our history when there was greater emphasis placed upon scientific and mechanical subjects. Industrial education teachers are in great demand and persons with minimum preparation are securing very good positions. Many schools are willing to hire women in these positions.



2. For Prospective Engineers. Many of the subjects offered in industrial education are acceptable as preparatory in schools of engineering.

3. For Technicians in War Time Industries. Men and women wishing to become skilled workmen may enroll in courses such as Machine Shop, Sheet Metal, Pattern Making, and Engineering Drawing. Numerous opportunities for students proficient in these subjects exist in the United States Civil Service as well as in private industry.

4. For Soldiers and Sailors in Our Armed Forces. The navy and army are in need of skilled workmen of all kinds. If a person has specific training in mechanical and technical work, he has a good chance to be placed in such work when he enters the service.

## SPECIAL WAR CURRICULA FOR WOMEN

### Pre-Engineering Program

(1)		(3)	
Math. 111 .....	4	Math. 113 .....	5
English 101 .....	3	English 103 .....	3
Ind. Ed. 101.....	4	Physics 206 .....	4
Commerce 102 .....	4	Commerce 205 .....	4
P. E. ....	1	P. E. ....	1
(2)		(4)	
Math. 112 .....	4	Math. 307 .....	5
English 102 .....	3	Commerce 341 .....	5
Ind. Ed. 103.....	4	(Computation methods and the slide rule)	
Commerce 105 .....	4	Physics 208 .....	4
P. E. ....	1	Education 327 .....	2
		P. E. ....	1

### Personnel Program

(1)		(2)	
Speech 210 or 311.....	3	Education 206 .....	4
Math. 107 .....	4	Commerce 205 .....	4
History 110a .....	5	Government 200 .....	5
English 101 .....	3	English 102 .....	3
P. E. ....	1	P. E. ....	1
(3)		(4)	
Education 320 .....	4	P. E. 103.....	1
Commerce 206 .....	4		
Education 305 .....	4	Education 321 .....	4
Education 327 .....	2	Math. 307 .....	5
English 103 .....	3	English 291 .....	3

### General Office Work Program

Review of typing and shorthand		Commerce 341 .....	4
Commerce 205 .....	4	English 291 .....	3

### Office Management Program

Review of typing		Commerce 336 .....	4
Commerce 201 .....	4	Commerce 337 .....	4
Commerce 205 .....	4	Commerce 340 .....	4
Commerce 325 .....	4		

## Pre-Professional Social Work Program

For *Aides in Family Social Work* (including child welfare, institutional service, public relief, etc.) and *Community Organization* (including Aid to Dependent Children, community chest, council of social agencies, etc.).

Sociology 101.....	5	Sociology 381.....	4
Sociology 202.....	4	Economics 205.....	5
Sociology 301.....	3	Education 343.....	4
Sociology 310.....	3	Commerce 102.....	4
Sociology 375.....	3		

## For Aides in Group and Recreational Work

The following courses are required: the required physical education courses, 219-1, 219P-1, 245-4, and 248-2, and Sociology 375. Otherwise, the program is similar to that for family and community social work aides. These courses are simply substituted for any of the courses in that program.

## Degrees

The College of Education grants the *B.S. in Education* or the *B.Ed.* degree. A student may have the *B.A.* degree on application to and approval by the Graduation Committee, provided he has fulfilled the general education and major requirements of the College of Arts and Sciences.

The College of Arts and Sciences grants the *B.A.* degree. A student may have the *B.S.* degree on application to and approval by the Graduation Committee.

The College of Vocations grants the *B.S.* degree. A student may have the *B.A.* degree on application to and approval by the Graduation Committee, provided he has fulfilled the general education and major requirements of the College of Arts and Sciences.

## Requirements for the Bachelor's Degree

College Requirements—Each candidate must meet the general college requirements with respect to registration and residence, and must also secure credit in approved courses amounting to an aggregate of 192 quarter hours.

In order to receive his bachelor's degree, a student must have maintained a 3.0 average and secured grades not lower than C in subjects aggregating at least three-fourths of the work, prescribed or elective, required for the degree. The system of grading is as follows: A, excellent, 5 points; B, good, 4 points; C, fair, 3 points; D, poor (but passing), 2 points; E, failure, 1 point. At least sixty-four of the 192 quarter hours required for the degree must be of senior college rank. Forty-eight of these must be made in residence.



The following is a list of requirements which should be fulfilled within the first two years of attendance:

Social Studies—15 quarter hours (work in 3 departments required)

History 110A, 105A—5 hours (required)

Government 200—5 hours

Economics 205—5 hours

Sociology 101—5 hours

Humanities—18 quarter hours

English 101, 102, 103—9 hours

English 205, 209, 211, 212—6 hours

Music 100 or Art 120—3 hours\*

Biology and Earth Sciences—14 quarter hours

P. & H. 202—4 hours

Botany 101, 202, or Zoology 101, 105—5 hours

Geography 100—5 hours

Physical Sciences and Mathematics—12 quarter hours

Chemistry, Physics, or Mathematics

(12 hours selected from two departments)

Practical Arts and Crafts—3 quarter hours

Agriculture, Household Arts, Industrial Education 203, Commerce (not required if student has had any of this work in high school, except where departments require such courses in their majors)

Physical Education—6 quarter hours. (See department requirements.)

\*\* A reading knowledge of some foreign language (to be determined by examination) is required for graduation. For some students this would require 3, 6, or 9 hours of class work.

Students may be excused from required courses in some departments by passing attainment tests. Passage of such tests will carry no college credit. Requests for such examinations should be presented to the heads of departments concerned.

Transfer students who have not had these courses may, with permission, substitute more advanced courses in some departments.

Additional Requirements in the College of Education

For those preparing for high school teaching:

Education and Psychology—20 hours: 206, 310, 315, 331, and 345.

For those taking the Bachelor's Degree in Elementary Education:

Education and Psychology—32 hours, including 206, 306, or 340, 311, 331, and 355.

English 390 or Speech—3 hours.

Practice Teaching—12 hours. At least 4 hours must be in the student's major field if he is preparing for high-school teaching. He must have a C average before he may be assigned practice teaching.

\* Other Music or Art courses may be substituted with the approval of the adviser.

\*\* Not required in the College of Vocations.

In addition to this, each student must pass a speech test or take a no-credit course in that subject.

#### Major and Minor Subjects:

High School—Students planning to teach on the high-school level are required to select a major and two minors. These must be in two separate fields of study. C averages are required in the major subjects before students may be graduated. A major consists of from thirty-six to fifty quarter hours of approved subjects. A minor subject consists of twenty-four quarter hours in one department. If the major includes at least forty-eight hours, only one minor is required.

The College recognizes majors in any of the departments which offer as much as thirty-six hours of work. A student may also obtain a field major in biological sciences or in social studies. A special major is also offered in pre-nursing education. Students majoring in a department should consult the head of the department. For one of the field majors a student should consult the chairman of the division or an individual designated by him.

The College also recognizes a Latin-American minor in social studies. This minor consists of twenty-four hours in selected courses to be taken in the departments of economics, geography, government, and history. Such a minor would give students a well-rounded background in Latin-American relations.

Elementary Education—Students planning to teach in the elementary schools are not required to carry majors in the separate subjects. They are considered simply as majoring in elementary education. This major should include practical courses dealing with the schools in general but more especially with elementary and rural schools. Education courses such as the following are recommended for this purpose: 235, 325, 326, 335, 337, 339, and 360. In addition to the major, students will be expected to complete two minors of at least 24 hours each, and a third minor in a field of associated subjects. Students majoring in kindergarten-primary education are not required to have minors. Several other departments are offering courses aimed primarily for the training of elementary teachers. It should be remembered that, by arranging one's courses properly, it is often possible to major in elementary education and at the same time to complete an academic major. Graduates whose courses have been so arranged sometimes find themselves qualified to teach in either the elementary or secondary field.

#### Additional Requirements in the College of Arts and Sciences:

One course in general psychology or philosophy.

A major of at least 42 hours and a minor of at least 24 hours in one of the following subjects:

Art	English	History	Physics
Botany	Foreign Language	Household Arts	Physiology and Hygiene
Chemistry	Geography	Mathematics	Sociology
Economics	Government	Music	Zoology

Electives to fulfill the total requirement not including vocational or professional courses.

#### Additional Requirements in the College of Vocations:

The B.S. degree is offered in the following subjects: agriculture, commerce, household arts, industrial education, music, and social work.

(Details may be secured in mimeographed form at the time of registration.)

**Student Load**—The normal student load is 16 to 18 hours. Students desiring to elect more than 18 hours must secure permission from Mr. Warren, Head of the Education Department.

A number of faculty members serve as sponsors for freshmen and sophomores. All new students should report to Dean Lentz or Dean Woody for assignment to individual sponsors. Juniors and seniors preparing for high-school teaching should report to the heads of major departments at the time of registration, for approval of their assignment cards. Students who are candidates for the degree in elementary education should register with their adviser, Mr. Bosley. Mr. Thalman advises the unclassified students and those who already have degrees. In general, a student must have a total of forty-five quarter hours before he may register as a sophomore; ninety-five as a junior, and 145 as a senior.

The general education which the student receives during the first two years of college could supplement rather than duplicate his high-school education. The individual student's course should thus be planned to fit his needs. If, for example, a student has had a year and a half or two years of some subject in high school, he should not be required, sometimes he should not even be permitted, to take the five-hour survey course in that subject in college, even though it is a general requirement for the average entering student. In the case of foreign language, however, the student is advised to continue the subject started in high school.

The freshman adviser studies the record of each student in his group, and plans for him a course which is roughly equivalent to the prescribed course for the first two years. The adviser, not the student, determines when deviations from the regular course seem advisable.

These graduation requirements are subject to change.

## **Honors Courses**

A student with a 4.5 average at the end of the sophomore year may be granted permission to do a limited amount of specialized work in his chief field of interest. This may be a strictly departmental interest or it may cut across two or more departmental fields.

A qualified student who wishes to take special Honors courses should consult with the faculty member concerned and ask for the appointment of a Special Honors Committee to supervise his Honors work.

The amount of credit which a student may receive for Honors work and the type of comprehensive examination to be given will be determined by a Governing Honors Committee representing the various Divisions of the College.



## AGRICULTURE

If the candidate is graduated from S. I. N. U., 36 quarter hours of agriculture are required for a major and 24 hours for a minor.

If a Smith-Hughes certificate is desired, ask for a special course of study from the Department of Agriculture. On entering college, it is necessary that the Department of Agriculture direct the student in making out his program, since the Smith-Hughes requirements differ very materially from the courses of our general college requirements.

- 102. Cereal Crops.** Prerequisite, Botany 101.
- 103. Forage Crops.** Prerequisite, Botany 101. Agriculture 102 suggested.
- 105. Breeds of Livestock.**
- 112. Small Fruits.**
- 201. Agricultural Geology.** (Geology 201).
- 202. Farm Soils.**
- 204. Agricultural Economics.** (Economics 204.)
- 205. Principles of Feeding.** Prerequisites, Agriculture 105 or equivalent, and Chemistry 102.
- 212. Orchardring.** Prerequisite, Botany 101.
- 225. Poultry.**
- 231. Dairy Cattle.** Prerequisite, 105 or 205.
- 260. Vegetable Gardening.**
- 265. Swine Husbandry.** Prerequisite, 105.
- 275. Farm Machinery.**
- 301. Soil Fundamentals.** Prerequisites, Chemistry 103, Geology 201.
- 302. Soil Fertility.** Prerequisite, 301.
- 303. Drainage and Surveying.** Prerequisite, Sophomore standing.
- 304. Home and School Gardening and Landscape Planning.**
- 311. Dairy Cattle and Swine.** Not for majors in agriculture. 4 hours. (Extension.)
- 315. Animal Husbandry.**
- 320. Farm Poultry.**

- 322. **Farm Planning.** Not for majors in agriculture. 4 hours. (Extension.)
- 325. **Diseases of Fruits and Vegetables.** Prerequisites, Botany 101, Agriculture 212, Agriculture 260.
- 326. **Diseases of Cereal Crops.** Prerequisites, Botany 101 and Agriculture 102.
- 330. **Problems in Dairy Farming.** Prerequisites, 102 and 105.
- 339. **Poultry and Gardening.** Not for majors in agriculture. 4 hours. (Extension.)
- 350. **Farm Management.** Prerequisites, 102 and 105.
- 370. **Marketing of Farm Products.**

## BOTANY

For a major in botany, nine courses are required, including 101, 202, 203, 210, 225; for a minor, six courses, including 101, 202, 203.

- 101. **General Botany.** 5 hours.
- 131. **Field Biology.** 5 hours.
- 150. **Plants in Relation to Man.** 4 hours.
- 202. **General Botany.** A brief study of representative plants of the great plant groups, the general classification of plants and the evolution of the plant kingdom. 5 hours.
- 203. **Systematic Botany.** Spring. 4 or 5 hours.
- 210. **Plant Anatomy.** Prerequisites, 101, 202. 5 hours.
- 301. **The Algae.** Prerequisites, 101, 202, 203. 5 hours.
- 302. **The Bryophytes and Pteridophytes.** Prerequisites, 102, 202, 203. 5 hours.
- 303. **The Spermatophytes.** Prerequisites, 101, 202, 203. 5 hours.
- 305. **(360) Fungi.** Prerequisites, 101, 202, 203. 5 hours.
- 315. **Genetics.** Prerequisite, approval of the Head of the Department. 5 hours.
- 320. **Elements of Plant Physiology.** Prerequisite, 101. 5 hours.
- 321. **Histological Technique.** Prerequisites, 101, 202. 5 hours.
- 325. **Plant Physiology.** Prerequisites, Botany, 210, 320, Chemistry. 5 hours.

- 330. **Plant Physiology.** Prerequisites, Botany 210, 320, Chemistry. 5 hours.
- 340. **Plant Ecology.** Prerequisites, 101, 202, 203. 5 hours.
- 370. **Methods in Biology.** 4 hours.
- 380. **History of Biology.** Prerequisites, one year of botany and zoology. 4 hours.
- 410. **Bio-ecology.** Prerequisites, Botany 101, 203, and Zoology 220. 4 hours.

## CHEMISTRY

A teaching major in chemistry requires 36 quarter hours, a double major in chemistry consists of 48 quarter hours, a minor of 24.

- 101. **General Chemistry.** A survey course. All terms. 4 hours.
- 102. **General Chemistry.** Prerequisite, 101. Winter, Spring and Summer. 4 hours.
- 103. **General Chemistry.** Theoretical. Prerequisite, 102 or 152. Spring and Summer. 4 hours.
- 151. **General Chemistry.** A survey course. Prerequisite, high-school chemistry. Fall. 4 hours.
- 152. **General Chemistry.** Prerequisite, 151. Winter. 4 hours.
- 201. **Qualitative Analysis.** Theory and cations. Prerequisite, 103. (Mathematics 113 also desirable.) Fall. 4 hours. Neckers.
- 202. **Qualitative Analysis.** Anions and compounds. Prerequisite, 201. Winter. 4 hours. Neckers.
- 252. **Quantitative Analysis.** Gravimetric. Prerequisite, 201, Mathematics 113. Winter. 4 hours. Neckers.
- 253. **Quantitative Analysis.** Volumetric. Prerequisite, 202 or 252, Mathematics 113. Spring. 4 hours. Neckers.
- 301. **Organic Chemistry.** For chemistry majors. Prerequisite, 103. Fall and Spring. 4 hours. Abbott.
- 302. **Organic Chemistry.** Prerequisite, 301. Winter. 4 hours.
- 303. **Organic Chemistry.** Prerequisites, 201 and 302. Spring. 4 hours. Abbott.
- 325. **Organic Chemistry.** For home economics, agriculture, and biology majors. Prerequisite, 103. Fall. 4 hours. Scott. No credit if student has had 301.



- 326. Organic Chemistry.** Prerequisite, 325. Winter. 4 hours. Scott. No credit if student has had 302.
- 401. Physical Chemistry.** For majors. Prerequisites, Chemistry 253 and 303, Mathematics 252, Physics 206, 207, 208. Fall. 4 hours. Van Lente.
- 402. Physical Chemistry.** Prerequisites, Chemistry 401, Physics 306. Winter. 4 hours. Van Lente.
- 403. Physical Chemistry.** Prerequisite, 402. Spring. 4 hours. Van Lente.
- 425. Physical Chemistry.** For biology students. Prerequisites, 253 and 326. Summer. 5 hours. Van Lente.
- 451. Biological Chemistry.** Prerequisite, 302 or 326. Winter. 4 hours. Scott.
- 452. Biological Chemistry.** Prerequisite, 451. Spring. 4 hours. Scott.

NOTE: Chem. 301, 302, 303, 401, 402, 403 probably will not be offered in 1943-44.

## COMMERCE

A major in Commerce requires 48 quarter hours; a minor consists of 24 quarter hours.

- 101. Handwriting.** No credit. Ogden.
- 102. Personal Typewriting.** Credit is allowed toward graduation for all students. 4 hours. Buboltz, Bryant.
- 103, and 104.. Typewriting.** Students who have had one year of typewriting instruction in high school are not eligible for 102 and 103, but may enter 104. Credit toward graduation for commerce majors and minors only. 4 hours. Buboltz, Bryant.
- 105, 106, and 107. Shorthand.** Credit toward graduation for commerce majors and minors only. 4 hours. Buboltz.
- 201. General Business Information.** 4 hours. Ogden.
- 205. Elements of Accounting.** 4 hours. Ogden.
- 206. Accounting.** Prerequisite, Commerce 205 or its equivalent. 4 hours. Ogden.
- 207. Accounting.** Prerequisite, Commerce 206 or its equivalent. Spring. 4 hours. Ogden.
- 210. Commercial Law.** Fall. 4 hours. Bryant.
- 211. Commercial Law.** Winter. 4 hours. Bryant.

- 212. Commercial Law.** Spring. 4 hours. Bryant.
- 213, 214. Advanced Typewriting.** Prerequisites, Commerce 102, 103, 104 or equivalent. 213, Fall; 214, Winter. 4 hours. Rolens.
- 216, 217. Advanced Shorthand.** Prerequisites, Commerce 105, 106, and 107, or equivalent. 216, Fall; 217, Winter. 4 hours.
- 220. Handwriting Methods.** 2 hours.
- 305, 306, and 307. Advanced Accounting.** 305, Fall; 306, Winter; 307, Spring. 4 hours.
- 315 (215). Typewriting Methods.** Students, to be eligible for this course, must be able to write on the typewriter at a net speed of forty-five words a minute. 4 hours.
- 318 (218). Shorthand Methods.** Prerequisite, 80 words a minute speed. Spring. 4 hours.
- 325. Business Administration (Economics 326).** Spring. 4 hours. Bryant.
- 336. Marketing (Economics 336).** Fall. 4 hours. Bryant.
- 337. Principles of Salesmanship.** Winter. 4 hours. Bryant.
- 338. Cost Accounting.** 4 hours.
- 339. Methods in Commercial Arithmetic.** Winter. 4 hours.
- 340. Auditing.** Spring. 4 hours. Bryant.
- 341. Principles and Problems of Office Practice.** 4 hours. Bryant.

## ECONOMICS

A major in economics consists of 36 quarter hours; a minor, of 24 hours.

A major or minor is recommended to those wishing to teach economics, and to those wishing to enter government service.

Students majoring in economics are urged to take as much as possible in other social-science departments, with at least one minor in a related field.

Advice as to courses recommended in economics and related fields can be obtained from members of the departmental staff.

- 201. Contemporary Political Problems.** (Government 201.) 3 hours.
- 204. Agricultural Economics.** Intended for agriculture students only. 5 hours.
- 205. Introduction to Economics.** 5 hours.

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206. **Advanced Economic Problems.** Prerequisite, 204 or 205. 3 hours.
210. **An Introduction to Economic Geography.** (Geography 210.) 4 hours.
211. **Cultural Anthropology.** (Sociology 210.) 3 hours.
215. **Population.** (Sociology 215.) 2 hours.
304. **Advanced Economic and Social Geography.** (Geography 304.) Prerequisites, Economics 205 and 206, Geography 210. 3 hours.
306. **Social Institutions.** (Sociology 305.) 3 hours.
307. **Elementary Mathematical Statistics.** (Mathematics 307.) Prerequisite, two terms of college mathematics. 5 hours.
310. **Labor Problems.** Prerequisites, 205 and 206. 4 hours. Fall.
315. **Money and Banking.** Prerequisites, 205 and 206. 4 hours.
317. **Economic History of the United States.** (Geography 317.) Prerequisites, 205 and 206. 3 hours. Spring.
320. **Corporation Finance.** Prerequisites, 205 and 206. 4 hours.
321. **Teaching of Social Studies.** (Sociology 321.) 2 hours.
324. **Restoration and Conservation of Natural Resources.** (Geography 324.) 4 hours.
325. **Transportation.** Prerequisites, 205 and 206. 3 hours.
326. **Business Administration.** (Commerce 325.) 4 hours.
328. **International Trade.** (Geography 328.) Prerequisites, 205 and 206. 3 hours.
330. **Public Finance and Taxation.** Prerequisites, 205 and 206. 3 hours.
333. **Problems of Southern Illinois.** (Government 333.) 5 hours.
336. **Marketing.** (Commerce 336.) 4 hours.
340. **Public Utilities.** Prerequisites, 205 and 206. 3 hours.
345. **The Principles of Insurance.** Prerequisites, 205 and 206. 3 hours.
350. **History of Economic Thought.** Prerequisites, 205 and 206. 4 hours.
355. **The Economics of Consumption.** Prerequisites, 205 and 206. 3 hours.
361. **Social Security.** (Sociology 360.) 3 hours.



- 370. **Business Cycles.** Prerequisites, 205 and 206. 3 hours.
- 380. **Economics of War.** War production, financing the military machine, control of prices and post-war adjustment. 4 hours.
- 381. **Comparative Economic Systems.** A study of capitalism, socialism, communism, fascism, and cooperation. 3 hours.
- 400. **Economics Seminar.** Open only to seniors who are majoring in economics and to such juniors as receive the special permission of the Head of the Department. The credit hours in each case will vary from 3 to 4.

## EDUCATION

- 206. **General Psychology.** 4 hours.
- 215. (210) **Elementary School Methods.** Prerequisite, 206. 4 hours.
- 230. **Rural Education.** Prerequisite, 206. 4 hours.
- 235. **Primary Education.** Prerequisite, 206. 4 hours.
- 237. **Rural Education Seminar.** 4 hours.
- 305. **Advanced Educational Psychology.** Prerequisite, 206. 4 hours.
- 310. **Principles of Secondary Education.** 4 hours.
- 311. **The Work of the Elementary Teacher.** Prerequisite, 206. 4 hours.
- 312. **Safety Education.** 3 or 4 hours.
- 313. **Literature in the Kindergarten - Primary Grades.** Prerequisite, English 213. 3 hours.
- 315. **High School Method.** Not open to those who have had 215 (210). 4 hours.
- 316. **Kindergarten-Primary Methods and Curriculum.** 4 hours (3-hour theory plus 2-hour laboratory).
- 320. **High School Measurements.** Not open to those who have taken 321. 4 hours.
- 321. (220) **Elementary School Measurements.** Prerequisite, 206. Not open to those who have had 320. 4 hours.
- 323. **School Law.** 4 hours.
- 325. **School Administration.** 4 hours.
- 326. **Principles of Supervision.** Prerequisites, at least three courses in education, and teaching experience. 4 hours.

- 327. **Personal Administration.** Prerequisite, 315. 2 hours.
- 330. **History of Education.** 4 hours.
- 331. **American Public Education.** 4 hours.
- 332. **Public Opinion, Propaganda and Education.** 4 hours. Admission by consent of instructor.
- 333. **Field Work in Elementary Education.** 4 hours.
- 335. **Problems in Rural Education.** Prerequisites, at least one course of Psychology and at least one course in Education. 4 hours.
- 337. **Reading in the Elementary School.** Prerequisite, 215 or 315. 4 hours.
- 338. **Problems of Remedial Reading in the High School.** Prerequisite, senior classification. 2 hours.
- 338a. **Laboratory Practice in Remedial Reading on the Secondary School Level.** Prerequisites, senior classification and Education 338. 2 hours.
- 338b. **Reading Case Studies and Clinic Practice.** Prerequisite, 337 or 338. 2 hours.
- 339. **The School and the Community.** Open to juniors and to others by permission of instructor. 4 hours.
- 340. **Child Psychology.** 4 hours.
- 343. **Child Development.** Prerequisite, 206. 2 hours Health Education and 2 hours Education.
- 345. **Adolescent Development.** 4 hours.
- 350. **Mental Hygiene.** 4 hours.
- 351. **The School Library and the School Program.** Fall. 4 hours.
- 352, 353. **School Library Organization and Management.** Prerequisite, 351. These courses must be taken in sequence: 352, Winter; 353, Spring. 4 hours each. Hankla.
- 355. **Philosophy of Education.** 4 hours.
- 360. **Curriculum.** For advanced students only. 4 hours.
- 361, 362. **Rural and Elementary Curriculum.** 8 hours.
- 365. **Psychology of the Elementary School Subjects.** Prerequisite, 215 or 315. 4 hours.
- 371. **Foundations of Education.** Prerequisites, at least two courses in education and junior standing. 4 hours.
- 375. **Education and National Defense.**

- 380. Kindergarten Education.** Students should consult the instructor before registering for this course. 4 hours.
- 381. Education Sociology. Guidance in Personality and Social Adjustments.** Fall, Winter. 4 hours. Advanced students admitted only after conference with Mrs. Gum.
- 390. Workshop in Rural Education.** Arrangements for enrollment should be made by May 1, with the head of the Department of Rural Education. This will be a full-time course for the first four weeks of the summer session.
- 401. Problems in Public School Reading.**
- 420. Educational Statistics.** Prerequisites, 310 and 320 or 321. 4 hours.
- 425. Diagnosis and Treatment of School Behavior Problems.** Enrollment limited to 25. 4 hours.
- 426. Procedures in Child Guidance.** Students do not register for this course without permission of the Director of the Bureau. Prerequisites, 320 or 321; 215 or 315. 4 hours.
- 450. Foundations of Elementary Education.**

## ENGLISH

English majors should, in their junior year, complete English 302, 316, and 317, which in sequence constitute a required survey of English literature from the beginning to 1900. They should also take English 300, the methods course, in the spring of either the junior or the senior year. They should choose other courses to total 48 hours, of which 32 must be on the senior-college level. No more than 12 hours of rhetoric may be included in the 48. Three of the advanced courses should come from the following table and should be so selected that they fall both in different types and in different periods:

	Poetry	Prose	Drama
Elizabethan			360 366
17th and 18th	370	354	361
19th	320 321	326 355	
20th	305 330	308 335	306 363

The remaining courses may be freely elected either from those in the above table or from the following list:



314	362	377
315	368	378
324	369	379

An English major should choose at least two of the English history courses from the following: History 322, 323, 324; and at least one philosophy course, preferably 345.

The following speech courses may count towards an English major: 210 or 311 and 230 or 328. English majors should know that a requirement for graduate work in English is a reading knowledge of French and German.

English minors should have a total of 24 hours, 9 of which should be distributed among the senior-college groups. Especially recommended courses are 316, 317, 366, and a modern course.

**0. Sub-Freshman Rhetoric.** No credit.

- 101. Freshman Rhetoric.** Informal essay. Freshman rhetoric must be taken every term until the requirement is fulfilled. 3 hours.
- 102. Freshman Rhetoric.** Use of the library as preparatory work for the research paper. Formal essays. 3 hours.
- 103. Freshman Rhetoric.** A research project with emphasis on the writing of a research paper. 3 hours.
- 104. Modern Readings with Practice in Composition.** 3 hours.
- 205. Masterpieces of English and American Poetry.** 3 hours.
- 209. Masterpieces of World Literature.** 3 hours.
- 211. Introductory Course in Fiction.** 3 hours.
- 212. Readings in Modern Literature.** Especially recommended to majors in other fields than English. 3 hours.
- 213. Children's Literature.** 3 hours. Does not count on English major.
- 214. Sophomore Rhetoric.** Open only to students applying for the limited elementary certificate.
- 217. English Grammar for Teachers.** 3 hours.
- 218. Composition for Elementary-School Teachers.** 3 hours.
- 290. Creative Writing.** Requisite: Consent of the instructor. 3 hours.
- 291. Business Writing.** 3 hours. Does not count on rhetoric requirement.
- 300. Advanced Course in Principles and Teaching of English Grammar and Composition.** Required of majors. 3 hours. Credit will not be given for both 300 and 390.

302. **A Survey of English Literature from the Beginning to 1550.** Required of majors. 3 hours.
305. **American Poetry.** 4 hours.
306. **American Drama.** 4 hours.
308. **American Novel.** 4 hours.
314. **Ideas in Seventeenth-Century Literature.** 4 hours.
315. **Eighteenth-Century Literature.** 4 hours.
- 315a. **English and French Literature in the Eighteenth Century.** This course is offered jointly with the French department. Students may elect it as English 315A, with five hours' credit in English; as English 315A, with three hours' credit in English; or as French 315A, with three hours' credit in French.
316. **A Survey of English Literature from 1550 to 1750.** Required of majors. Credit for 316 is not given to students who already have credit for English 201. 3 hours.
317. **A Survey of English Literature from 1750 to 1900.** Required of majors. Credit for 317 is not given to students who already have credit for English 202. 3 hours.
318. **A Survey of American Literature.** 4 hours.
320. **English Romantic Poetry, 1780 to 1830.** 4 hours.
321. **Victorian Poetry, 1830 to 1880.** 4 hours.
324. **Elizabethan Poetry and Prose.** 4 hours.
326. **Nineteenth-Century Prose.** Spring. 4 hours.
330. **Modern British Poetry.** 4 hours.
335. **The Short Story.** 4 hours.
354. **Development of the English Novel.** 4 hours.
355. **Victorian Novel.** 4 hours.
360. **English Drama to 1642.** 4 hours.
361. **Restoration and Eighteenth-Century Drama.** 4 hours.
362. **The Development of Tragic Drama from Aeschylus to the Present Time.** 4 hours.
363. **Modern British Drama.**
366. **Shakespeare.** 4 hours.
368. **English Social Literature of the Nineteenth Century.** 4 hours.
369. **Criticism of Literature.** 4 hours.

- 370. **Milton.** 4 hours.
- 377. **Comparative Literature, Twentieth Century.** 4 hours.
- 378. **Comparative Literature, to the Renaissance.** 4 hours.
- 379. **Comparative Literature, from the Time of the Renaissance.** 4 hours.
- 385. **A study of recent trends in the teaching of literature in the junior and senior high schools.**
- 390. **Advanced Composition.** 3 hours. Credit will not be given for both 300 and 390.

### **Speech**

To obtain a minor in Speech, a student must complete the following courses: 210 (or 311), 220, 230, 315, 328, and 350 (if the student expects to teach), plus additional hours, totaling 24.

- 210. **Fundamentals of Speech.** 3 hours.
- 220. **Public Discussion and Debate.** Largely a laboratory course. Prerequisite, Speech 210 or equivalent. Fall. 4 hours.
- 224. **Inter-Collegiate Debate.** 2 hours per year; 8 hours maximum.
- 230. **Oral Interpretation.** Prerequisite, 210 or equivalent. 3 hours.
- 250. **Acting.** Prerequisite, 210 and 230. 3 hours.
- 311. **Fundamentals of Speech.** Not open to students who have taken 210. 3 hours.
- 315. **Radio Speech.** Prerequisite, 210 or equivalent. 3 hours.
- 328. **Play Production.** 4 hours.
- 336. **Creative Dramatics for Children.** Speech 230 or Speech 328 is recommended as a prerequisite. 3 hours.
- 341. **Advanced Speech.** Prerequisite, Speech 210 or equivalent. 4 hours.
- 350. **Teachers' Problems.** 3 hours.

### **FINE AND USEFUL ARTS**

Forty-eight quarter hours are required for a major in Art. At least twenty-four hours must be in 300 courses. Art minors must have a total of twenty-four hours, with not less than twelve in 300 courses. Art 120 is the only requirement for both majors and minors.



- 100. **Introduction to Materials.** (Open to all students as Recreation.) Experience in pottery, weaving, wood, textiles, sketching, other materials, and all painting media. 3 hours.
- 105. **Sketching.** (Open to all students as Recreation). Introduction to charcoal, pencil, pen and ink. 3 hours.
- 110, 111, 112. **Beginning Design and Theory of Color.** Designed for primary education and household arts students. Suggested for art majors. A year's sequence. 4 hours each.
- 120. **Art Appreciation.** Painting and Sculpture. 3 hours.
- 121. **Art Appreciation.** Architecture, Interiors, Good Buying. 3 hours.
- 122. **Art Appreciation.** Art in Industry. 3 hours.
- 125. **Lettering and Layout.** Problems applied to school needs. 3 hours.
- 135, 136, 137.. **Pottery.** A year's sequence. 3 hours each.
- 150. **Beginning Composition.** Black and white media. 4 hours.
- 151. (131) **Intermediate Composition.** Watercolor media. 4 hours.
- 152. **Advanced Composition.** Oil and watercolor. 4 hours.
- 215. **Advanced Design.** 4 hours.
- 225. **History of Architecture.** 4 hours.
- 226. **History of Sculpture.** 4 hours.
- 227. **History of Painting.** 4 hours.
- 245. **Figure Drawing.** 4 hours.
- 250, 251, 252. **Composition in Various Media.** To be taught by the artist-in-residence and designed for junior college students. A year's sequence. 4 hours each.
- 275. **Advanced Advertising.** Prerequisite, Art. 125. 3 hours.
- 280. **Descriptive Drawing.** Designed for biology, geography, and history students. Maps, relief drawings, etc. 3 hours.
- 300. **Art Education in the Public Schools.** Elementary and high schools. 4 hours.
- 302, 303, 304. **Pottery and Ceramics.** No credit for students who have had Art. 135, 136, 137. 3 hours each.
- 315. **Interior Decoration.** 5 hours.
- 320. **Composition.** Landscape. All media. 4 hours.
- 321. **Composition.** Landscape and Figure. All media. 4 hours.

- 322. Composition.** Figure and Portrait. All media. 4 hours.
- 325, 326, 327. Composition Studio Course.** The student chooses his own project in painting under the direction of the artist-in-residence. 4 hours each.
- 331. Theories and Techniques of Renaissance Art.** It is recommended that this be integrated with History 315. 2 or 3 hours.
- 345. Nineteenth and Twentieth Century French Painting and Sculpture.** 3 hours.
- 346. Contemporary American Painting and Sculpture.** 3 hours.
- 355. Applied Esthetics.** (To be taken with Art. 345.) 3 hours.
- 375. Advertising Illustration.** 5 hours.
- 385, 386, 387. Weaving.** 3 hours each.
- 390. Ceramic Sculpture.** 3 hours.
- 391. Stone Sculpture.** 3 hours.
- 392. Architectural Modeling.** Suggested for art and industrial education majors. 3 hours.
- 393. Applied Materials.** A course designed to teach the advanced student the applications of materials to practical campus problems: ceramic murals, drinking fountains, sculpture, sun-dials, lamps, and other campus needs. Material costs will be paid by the College. Excellent professional training. 5 hours or 15 hours if carried throughout the year.
- 400. Portrait Painting.** Offered only on request. Prerequisite, any composition course in oil and Art 245. Majors only. 5 hours.
- 405. Advanced Studio.** The student chooses his own field and his own instructor with whom he outlines his term project. He must meet with his instructor at the same time a similar class is given. For art majors only. Hours to be decided.
- 410. Seminar in History of Art.** Hours to be decided.

## FOREIGN LANGUAGES

For a major in a language, a student must complete 36 hours in that language exclusive of 101, 102 and 103. At least one senior-college English and one senior-college history course should be included in the language major.

A minor consists of 24 hours of the language exclusive of 101, 102 and 103.

101 and 102 will not be counted as electives toward graduation unless 103 is also completed.

### French

- 101, 102, 103. **Elementary Course.** 101 is open to students who have had no previous work in French. The prerequisite for 102 is 101 or one year of high school French. 3 hours each.
- 151, 152, 153. **Intermediate Composition and Reading.** Prerequisite, 103 or two years of high school French. 3 hours each.
- 201, 202, 203. **Survey of French Literature.** Prerequisite, French 153. 4 hours each.
220. **French Conversation.** Prerequisite, French 151 or three years of high school French. 2 hours.
301. **The French Novel of the Eighteenth and Nineteenth Centuries.** Prerequisite, French 202. 3 hours.
302. **Seventeenth and Eighteenth Century French Drama.** Prerequisite, French 203. 3 hours.
303. **French Lyric Poetry.** Prerequisite, French 203. 3 hours.
304. **French Contemporary Novel.** Prerequisite, French 203. 3 hours.
305. **French Contemporary Drama.** Prerequisite, French 203. 3 hours.
- 315a. **French and English Literature in the Eighteenth Century.** Offered jointly with English department. 5 hours.
340. **French Literature of the Sixteenth Century.** Prerequisite, French 203. 2 hours.
351. **Advanced Composition.** Prerequisite, French 203. 4 hours.
352. **French Conversation and Phonetics.** Prerequisite, French 203. 5 hours.
353. **Advanced Composition and Conversation.** Prerequisite, French 351, 352. 4 hours.

### German

- 101, 102, 103. **Elementary Course.** 101 is open to students who have had no previous work in German; 102 is open to those who have had 101 or one year of high-school German. 3 hours each.
- 151, 152, 153. **Intermediate Composition and Reading.** Prerequisite, 103 or two years of high-school German. 3 hours each.



- 201, 202, 203. **Survey of German Literature.** Prerequisite, German 153. 4 hours each.
251. **Scientific German.** Prerequisite, German 152 or equivalent. 4 hours.
- 301, 302. **Nineteenth Century German Drama.** Prerequisite, German 203. 3 hours each.
303. **Recent German Drama.** Prerequisite, German 302. 3 hours.
- 304, 305. **Goethe, Life and Works.** Prerequisite, German 203. 3 hours each.
306. **Goethe's Faust.** Prerequisite, German 305. 3 hours.
351. **German Diction and Phonetics.** Required for prospective teachers of German. 5 hours.

### Latin

- 101, 102, 103. **Elementary Course.** 101 is open to students who have had no previous work in Latin; 102 is open to those who have had 101, or one year of high-school Latin. 3 hours each.
151. **Advanced Composition.** Prerequisite, Latin 103 or at least two years of high-school Latin. 4 hours.
152. **Cicero's Essays.** Prerequisite as for Latin 151. 4 hours.
153. **Livy.** Prerequisite as for Latin 151. 4 hours.
201. **Phormio of Terence.** Prerequisite, Latin 153 or equivalent. 4 hours.
202. **Horace's Odes and Epodes.** Prerequisite, Latin 153 or equivalent. 4 hours.
203. **Letters of Pliny.** Prerequisite, Latin 153 or equivalent. 4 hours.
301. **Cicero's Letters.** Prerequisite, Latin 203 or equivalent. 4 hours.
302. **Vergil's Eclogues and Georgics.** Prerequisites as for Latin 301. 4 hours.
303. **Tacitus.** Prerequisite as for Latin 301. 4 hours.
- 340A, 340B. **Private Life of the Romans.** Either course may be taken separately. 340A, 3 hours; 340B, 2 hours.

Of the following courses three are given each summer, the selection being rotated to suit the needs of the students.

125. **Selections from Historians.** 4 hours.

- 126. **Ovid's Metamorphoses.** 4 hours.
- 127. **Orations of Cicero.** Supplementary to high-school work. 4 hours.
- 335. **Vergil's Aeneid, Books VII-XII.** 4 hours.
- 341. **Method Latin.** A discussion and training course for teachers. 4 hours.
- 342. **Advanced Composition.** A careful study based on classic prosewriters. 4 hours.

### Spanish

- 101, 102, 103. **Elementary Course.** Prerequisite for 102 is 101 or one year of high-school Spanish. 3 hours each.
- 151, 152, 153. **Intermediate Composition and Reading.** Prerequisite. Spanish 103, or two years of high-school Spanish. 3 hours each.
- 201, 202, 203. **Survey of Spanish Literature.** Prerequisite, Spanish 153. 4 hours each.
- 220. **Spanish Conversation.** 2 hours.
- 301. **Spanish Novel of the Eighteenth and Nineteenth Centuries.** Prerequisite, Spanish 203. 3 hours.
- 302. **Spanish Drama of the Eighteenth and Nineteenth Centuries.** Prerequisite, Spanish 203. 3 hours.
- 315. **Arte y Cultura (in Spanish).** 3 hours.
- 333. **Spanish American Literature.** Prerequisite, Spanish 203, or permission of instructor. 3 hours.
- 340. **The Golden Age. (The Dramatists.)** Prerequisite, Spanish 203, or permission of instructor. 3 hours.
- 345. **Cervantes.** Prerequisite, Spanish 203, or permission of instructor. 4 hours.
- 351. **Advanced Composition and Phonetics.** Prerequisite, Spanish 203. 5 hours.
- 378. **Spanish-American Culture and Civilization.** Offered jointly with the Government Department. 5 hours.

### Language

- 320. **General Language.** This course is designed especially for students who will teach in elementary and rural schools. 4 hours.

## **Portuguese**

- 100. Introductory Course.** Especially for Spanish majors and minors. Open to students who have completed Spanish 153 and to others by consent of instructor. 5 hours.

## **GEOGRAPHY AND GEOLOGY**

Persons who expect to teach in the elementary school are urged to take at least a minor in geography, which must include Geography 100 and 101. Other things being equal, students minoring in geography will be given recommendations for elementary positions over those who are not.

Individuals expecting to teach commercial or economic geography in high school with a medium preparation must have eight semester hours or twelve quarter hours of college preparation. Students should meet this requirement by taking Geography 210, 304, and 324.

Individuals expecting to teach physical geography in high school with a medium of preparation must have twelve semester hours or eighteen quarter hours in college physical geography. Students should meet this requirement by taking Geography 100, 101, Geology 300, and any other physical geography subject (see list of geography courses listed as physical science below).

Offerings in various phases of geography:

Physical Science: 100, 101, 201, 250, 300, 301, 302, 303, 306, 310, 338.

Social Studies: 210, 304, 317, 319, 324, 328, 330, 345.

State and Continental: 313, 314, 315, 316, 318, 320, 321.

Educational: 340, 341, 342.

Geography 100, 101, and 210 are required of all geography majors and minors who enroll after 1939.

- 100. Geographic Fundamentals.** Every term. 5 hours.
- 101. (205) Physical Geography.** Every term. 5 hours.
- 201. Soil Geology.** 4 hours.
- 210. Economic Geography (Economics 210).** 4 hours.
- 300. Physical Geology.** 4 hours.
- 301. Structural Geology.** 4 hours.
- 302. Historical Geology.** Spring. 4 hours.
- 303. Economic Geology.** 4 hours.
- 304. Advanced Economic Geography (Economics 304).** 4 hours.
- 306. Map and Aerial Photo Reading.** 4 hours.
- 310. Meteorology.** Winter. 4 hours.
- 313. Geography of Illinois.**



- 314. Geography of North America. 4 hours.**
- 315. Geography of Europe. 4 hours.**
- 316. Geography of South America. 4 hours.**
- 317. Economic History of the United States (Economics 317).**
- 318. Geography of Asia. 4 hours. Cox.**
- 319. Historical Geography of the United States.**
- 320. Geography of Africa. 4 hours. Cox.**
- 321. Geography of the Pacific Realm. 4 hours. Cox.**
- 324. Restoration and Conservation of Natural Resources (Economics 324). 4 hours. Barton.**
- 327. Landforms of the United States. 4 hours. Cox.**
- 328. International Trade (Economics 328).**
- 330. Problems of Political Geography. 4 hours. Cox.**
- 338. Physical Geography (open only to in-service teachers who have not had Geography 101 or 205). 4 hours.**
- 340. Geography for Kindergarten and Primary Teachers. 4 hours. Barton.**
- 341. Intermediate Grade Geography. 4 hours. Entsminger.**
- 342. Junior and Senior High School Geography.**
- 345. Geopolitic. 4 hours. Barton.**

## **GOVERNMENT**

A major in Government consists of 36 quarter hours; a minor of 24 quarter hours.

A major or minor is recommended to those wishing to teach civics or government courses, and to those wishing to qualify for the study of law.

Senior college students are permitted to take advanced courses in government without any other prerequisites.

Students majoring in government are urged to take as much work as possible in other social science departments, with at least one minor in a related field.

Students planning to take graduate work in government beyond the M.A., should acquire a reading knowledge of both French and German.

Advice as to courses recommended in government and related fields can be obtained from members of the departmental staff.

- 200. **Contemporary Political Problems I.** 5 hours.
- 201. **Contemporary Political Problems II** (Economics 201). 3 hours.
- 235. **Illinois State Government.** 2 hours.
- 300. **(231) American National Government.** 4 hours.
- 320. **Pressure Groups and Politics.** 3 hours.
- 323. **School Law.** Offered jointly by the Department of Government and the Department of Education. 4 hours.
- 325. **War and Defense Policies.** 3 hours.
- 333. **Problems of Southern Illinois.** 3 hours.
- 350. **Contemporary Legislation.** 4 hours.
- 360. **Public Administration.** 4 hours.
- 366. **State and Local Government.** 3 hours.
- 367. **Municipal Government.** 3 hours.
- 370. **International Relations.** 4 hours.
- 372. **International Government.** 3 hours.
- 375. **International Law.** 3 hours.
- 378. **Latin-American Culture and Politics.** Offered jointly by the Department of Government and the Department of Foreign Languages. 5 hours.
- 380. **Political Parties.** 4 hours.
- 385. **Contemporary Political "Isms."** 3 hours.
- 387. **American Political Ideas.** 4 hours.
- 390. **Comparative Government.** 3 hours.
- 395. **Constitutional Law.** 3 hours.

## **HISTORY**

Thirty-six quarter hours are required for a major in history. In order to satisfy teaching requirements students are urged to take at least 12 of the 36 in American history and 12 in European history.

- 105A. **Modern Europe, 1500-1943.** 5 hours.
- 110A. **American History, 1775-1943.** 5 hours.
- 208. **History of Illinois.** 5 hours. Wright.
- 210. **Methods of Teaching History.** 3 hours. Wright.

- 304. **History of the Ancient Near East.** 3 hours. Pardee.
- 305. **History of Greece.** 3 hours. Pardee.
- 306. **History of Rome, 509 B.C. to 500 A.D.** 3 hours. Pardee.
- 310. **The Middle Ages.** 5 hours. Barnes.
- 315. **Renaissance and Reformation.** 3 hours. Beyer.
- 320. **The French Revolution.** 4 hours. Lentz.
- 322. **English History to 1603.** 4 hours. Lentz.
- 323. **English History, 1603-1815.** 4 hours. Lentz.
- 324. **English History, 1815-1943.** 4 hours. Lentz.
- 325. **American Colonial History.** 3 hours. Beyer.
- 330. **Middle Period of American History, 1815-1860.** 3 hours. Baker.
- 335. **Recent American History, 1865-1943.** 3 hours. Cramer, Lentz.
- 336. **Recent American History, 1865-1943.** 3 hours. Cramer.
- 340. **History of American Diplomacy.** 5 hours. Cramer.
- 342. **History of the West, 1763-1803.** 3 hours. Beyer.
- 343. **History of the West, 1803-1848.** 3 hours. Beyer.
- 344. **European History, 1815-1870.** 3 hours. Baker.
- 345. **European History, 1870-1914.** 3 hours. Pardee.
- 350. **Europe Since 1914.** 5 hours. Cramer.
- 352. **History of Latin America, 1492-1808.** 3 hours. Barnes.
- 353. **History of Latin America, 1808-1943.** 3 hours. Barnes.
- 375. **History of Culture, 1000 B.C.-1600 A.D.** 3 hours. Barnes.
- 376. **Recent Cultural History.** 3 hours. Barnes.
- 380. **The Far East, 1850-1943.** 3 hours. Baker.
- 400. **History Seminar.** 3 hours.

### **Journalism**

- 200. **Principles of Journalism.** 4 hours. Beyer and Power.
- 400. **Journalism Seminar.** 3 hours. Beyer, Schneider, and Parrish.



## HOUSEHOLD ARTS

A major in Household Arts which meets Smith-Hughes requirements consists of 51 quarter hours. For those who do not care to meet Smith-Hughes requirements, a major of 36 hours may be arranged. A minor also may be planned. It is necessary for a student who wishes to complete the Smith-Hughes requirements to secure the approval of her schedules from a member of the Household Arts staff. Household Arts Education 308 and 309 are accepted in lieu of Education 310 and 315.

- 105. Foods and Cookery.** Beginning course; not for majors; no prerequisite. 3 hours. Barnes.
- 127. Clothing Construction.** May be taken for 3 or 4 hours of credit by non-majors. Woody.
- 135. Textiles.** 4 hours. Woody.
- 205. Foods and Cookery.** Carbohydrates, fats. 4 hours. Barnes.
- 206. Foods and Cookery.** Protein foods, flour mixtures. 4 hours. Barnes.
- 220. Food in Health.** Beginning course in nutrition; not for majors; no prerequisite. 3 hours. Barnes.
- 224. Housing and Home Furnishings.** 4 hours. Woody.
- 225. Survey Course in Household Arts.** Especially for majors in elementary education. 4 hours. Barnes.
- 230. Costume Selection and Design.** 2 hours. Woody.
- 307. (237). Child Care and Training.** 3 hours. Babcock.
- 308. Household Arts Education.** Philosophy of Vocational Education. 4 hours. Babcock.
- 320. Nutrition and Dietetics.** 4 hours. Barnes.
- 322. Textiles and Clothing.** 4 hours. Woody.
- 325. Home Management.** 3 hours. Babcock.
- 325A. Home Management House.** 4 hours. Babcock.
- 326. Art in the Home.** 4 hours. Woody.
- 327. Family Relationships.** 3 hours. Babcock.
- 335. Meal Planning and Table Service.** 4 hours. Barnes.
- 360. Advanced Dressmaking.** 3 or 4 hours. Woody.

## INDUSTRIAL EDUCATION

Women as well as men are urged to take courses in Industrial Education to enable them to fill positions where a knowledge of mechanics and an understanding of the use of practical arts in education is needed. Recent industrial emphasis should be passed on to children of all the schools by teachers who have some training in such subjects. All industrial education courses are of profit and interest to women as well as to men.

The department provides training for each of the following groups: 1. All elementary and high school teachers; 2. Prospective Industrial Arts and Industrial Vocational teachers; 3. Engineering students; Industrial workers. Forty-eight quarter hours are required for the Industrial Education major. Preferred minors are Art, Physics, Chemistry, Mathematics, or Agriculture.

- 101. Mechanical Drawing. 4 hours.
- 102. Architectural Drawing. 4 hours.
- 103. Machine Drawing. 4 hours.
- 140. (111) General Shop. 4 hours.
- 141. (112) General Shop. 4 hours.
- 142. General Shop. 4 hours.
- 211. Woodwork. 4 hours.
- 212. Furniture Design and Construction. 4 hours.
- 221. Art Metal. 4 hours.
- 225. Sheet Metal. 4 hours.
- 226. General Metal. 4 hours.
- 230. (203) Elementary Handwork. 3 hours.
- 231. Laboratory of Arts and Industries. 4 hours.
- 304. Advanced Architectural Drawing. 4 hours.
- 305. Advanced Machine Drawing. 4 hours.
- 306. Industrial Arts Design. 4 hours.
- 313. Furniture Construction. 4 hours.
- 314. Pattern Making and Foundry. 4 hours.
- 320. Electrical Construction. 4 hours.
- 322. Machine Metal. 4 hours.
- 323. Machine Metal. 4 hours.
- 324. Machine Metal. 4 hours.

- 333. Problems of Industrial Education.** 4 hours.
- 337. Organization of Industrial Education Shops and Courses.** 4 hours.
- 431. Special Problems in the Arts and Industries.** 4-12 hours.

## LIBRARY SCIENCE

See Education 351, 352, and 353.

## MATHEMATICS

Students who are beginning college mathematics may choose Mathematics 106 or 111. Either course satisfies part of the physical-science requirement and counts toward a major or minor in mathematics. Mathematics 111 is recommended for students who may want to take more than two mathematics courses, including all who expect to major in chemistry, physics, or mathematics. No student is allowed credit for both 106 and 111.

- 106. General Mathematics I.** Topics in college algebra and business mathematics. 4 hours. Prerequisite, high-school algebra (1 year).
- 107. General Mathematics II.** Business mathematics, including annuities certain, life annuities, and life insurance. 4 hours. Prerequisite, 106 or 111.
- 111. Elementary Mathematical Analysis I.** Topics in college algebra, and trigonometry as far as the solution of right triangles. 4 hours. Prerequisite, high school mathematics (2 years).
- 112. Elementary Mathematical Analysis II.** Trigonometry, including logarithms. 4 hours. Prerequisite, 111 or 106.
- 113. Elementary Mathematical Analysis III.** Plane analytic geometry. 5 hours. Prerequisite, 112.
- 206. Mathematical Theory of Finance.** 3 hours.
- 210. Mathematics for Teachers.** 4 hours.
- 251. Calculus I.** 4 hours. Prerequisite, 113. Fall.
- 252. Calculus II.** 4 hours. Prerequisite, 251. Winter.
- 303. Calculus III.** 4 hours. Prerequisite, 252. Spring.
- 305. Differential Equations I.** 3 hours. Prerequisite, 252.
- 306. Differential Equations II.** 3 hours. Prerequisite, 305.
- 307. (207). Elementary Mathematical Statistics.** 5 hours. Prerequisite, two terms of college mathematics.



- 311. **The Teaching of Secondary Mathematics.** 3 hours. Prerequisite, four terms of college mathematics.
- 312. **Spherical Trigonometry.** 3 hours. Prerequisite, 112.
- 313. **(230). Solid Analytic Geometry.** 4 hours. Prerequisite, 113. Spring.
- 320. **Theory of Equations I.** 3 hours. Prerequisite, 251. Fall.
- 321. **Theory of Equations II.** 3 hours. Prerequisite, 320. Winter.
- 325. **(211). Mathematics for Primary Teachers.** 3 hours. Prerequisite, 210. Mott.
- 330. **Synthetic Projective Geometry.** 4 hours. Prerequisite, 113. Spring.
- 351. **Infinite Series.** 3 hours. Prerequisite, 303.
- 352. **Foundations of the Calculus.** 3 hours. Prerequisite, 303.
- 360. **College Geometry.** 4 hours. Prerequisite, twelve hours of college mathematics.

## MUSIC

Fifty quarter hours are required for a major in music. These must include 105, 106, 107, 225, 230, 231, and six hours of applied music, 300, 302, 312, and eight additional hours in senior college music courses. Music majors must also take Physical Education 230.

Scholarships amounting to ten dollars each per term are available to the most valuable and talented members of the college orchestra, the college band, the Roland Hayes Club, and the MacDowell Club.

- 100. **(205). Music Understanding.** 3 hours.
- 105. **Introductory Music Theory, Sight Singing, and Ear Training.** 3 hours.
- 106. **Sight Singing and Ear Training.** 3 hours.
- 107. **Advanced Sight Singing and Ear Training.** 3 hours.
- 220. **Rural School Music.** 4 hours.
- 225. **Harmony I.** 4 hours.
- 230. **Harmony II.** 4 hours.
- 231. **Harmony III.** 4 hours.
- 300. **Materials, Methods, and Problems Pertaining to Music Taught in the First Six Grades.** 4 hours.
- 302. **School Music Materials.** 3 hours.

- 304. Music Appreciation.** Prerequisites, 100 and 305-I or 305-V. 3 hours.
- 305-I. Instrumental Problems, Materials and Conducting.** 3 hours.
- 305-V. Vocal Problems, Materials and Conducting.** 3 hours.
- 306. Materials, Methods and Problems Pertaining to Vocal Music Taught in the Junior High School.** 3 hours.
- 307. Song Leading and Community Music.** 3 hours.
- 310. Orchestration.** 2 hours.
- 311. Bandstration.** 2 hours.
- 312. Musical Form and Harmonic Analysis.** Prerequisite, 231. 4 hours.
- 315. Choral Reading.** 2 hours.
- 316. Advanced Choral Reading.** A continuation of 315. 2 hours.
- 317. Advanced Choral Reading.** A continuation of 316. 2 hours.
- 320. Modern Harmony.** 4 hours.
- 322. Free Composition.** Prerequisites, two courses from the following group: 312, 320, 325, 330. Admission only with permission of the instructor. 4 hours.
- 325. Counterpoint.** 4 hours.
- 330. Advanced Counterpoint.** 4 hours.
- 335. Music History.** 3 hours.
- 336. Music History.** 3 hours.
- 355. Chamber Music.** 2 hours.
- 365. Chamber Music for Woodwind or Brass Instruments.** 2 hours.
- 400. Music Understanding.** Credit will not be given to students who have had 100. 3 hours.
- 401. Music Esthetics Research.** Student must have permission of the Head of the Music Department before taking this work. 1 hour or more by arrangement.

### **Applied Music:**

- 150, 151, 152. First-Year Violin.** Class or private lessons. 1 hour each.
- 153. Violin Class Lessons.** Summer. 3 hours.

- 160, 161, 162. **First-Year Woodwind and Brass.** Class or private lessons. 1 hour each.
163. **Wind and Percussion Class Lessons.** Summer. 3 hours.
- 170, 171, 172. **First-Year Piano.** Class or private lessons. 1 hour each.
173. **Piano Class Lessons.** Summer. 3 hours.
- 190, 191, 192. **First-Year Voice.** Class or private lessons. 1 hour each.
193. **Voice Class Lessons.** Summer. 3 hours.
- 250, 251, 252. **Second-Year Violin.** Class or private lessons. 1 hour each.
- 260, 261, 262. **Second-Year Woodwind and Brass.** Class or private lessons. 1 hour each.
- 270, 271, 272. **Second-Year Piano.** Class or private lessons. 1 hour each.
- 290, 291, 292. **Second-Year Voice.** Class or private lessons. 1 hour each.
- 350, 351, 352. **Third Year Violin.** Class or private lessons. 1 hour each.
- 360, 361, 362. **Third-Year Woodwind and Brass.** Private lessons only. 1 hour each.
- 370, 371, 372. **Third-Year Piano.** Private lessons only. 1 hour each.
- 390, 391, 392. **Third-Year Voice.** Private lessons only. 1 hour each.
- 450, 451, 452. **Fourth-Year Violin.** Private lessons only. 1 hour each.

## PHILOSOPHY

200. **Approaches to Knowledge.** 3 hours.
- 290, 390. **American Thought.** 3-4 hours.
300. **Types of Philosophy.** 3 hours.
310. **Introduction to Reflective Thinking.** 3 hours.
316. **Ethics.** 3 hours.
345. **Philosophy of Art.** 3-4 hours.
355. **Philosophy of Education.** This course may count on the education requirement as Education 355. 3-4 hours.



## PHYSICAL EDUCATION FOR MEN

P. Ed. 151, 152, and 153 are required of all freshmen. All students must have these courses for graduation, or offer in lieu thereof three quarters of competition on a varsity squad, each quarter in a different sport. P. Ed. 145, 149, 151, 152, 153, 170, 171, 172, 173, 174 do not count toward a major or minor.

Thirty-six quarter hours in the Department of Physical Education and approval of the head of the department are required for a major.

It is required that regulation gym suits be worn in all activity classes in physical education. These may be purchased at the book store. Combination locks for lockers may be rented or bought at the book store.

The following courses in the Physiology Department are recommended for majors and minors: 209a, 230, 300, and 303.

- 145. Physical Education.** The equivalent of 151, 152, 153. Summer. 2 hours.
- 149. Modified Physical Education.** For students with functional or structural disorders. (Credit equivalent to 151, 152 or 153.) Five hours a week. 2 hours.
- 151. Physical Education.** Five hours a week. Fall. 2 hours.
- 152. Physical Education.** Five hours a week. Winter. 2 hours.
- 153. Physical Education.** Five hours a week. Spring. 2 hours.
- 170, 171, 172, 173, 174.** Two quarter hours credit may be earned by participation in one of the following varsity sports: football, basketball, track, tennis, and gymnastics.
- 201. Boxing.** The theory and practice of boxing. One hour a day, four days a week. Winter. 3 hours.
- 202. Wrestling.** The theory and practice of wrestling. One hour a day, four days a week. Winter. 3 hours.
- 203. Gymnasium Activities I.** Two hours a day, four days a week. Winter. 4 hours.
- 210. Techniques of Basketball.** One hour a day, three days a week. Winter. 2 hours.
- 220. Recreational Activities I.** One hour a day, four days a week. 2 hours.
- 221. Recreational Activities II.** One hour a day, four days a week. 2 hours.
- 230. Folk Dancing.** Winter. Two days a week. 1 hour.
- 236. Tap and Character Dancing.** Two days a week. 1 hour. Winter.

- 250. Materials and Methods for Teaching Physical Education in the Elementary Schools.** One hour a day, four days a week. Spring. 4 hours.
- 251, 252, 253. Physical Education.**
- 256. Track and Field Theory and Techniques.** Two hours a day, five days a week. Spring. 5 hours.
- 257. Techniques of Football.** One hour a day, four days a week. Fall. 2 hours.
- 258. Football Theory.** Prerequisite, 257, or permission of the instructor. One hour a day, three days a week. Fall, 3 hours.
- 259. Six-Man Football.** Prerequisite, 257, or permission of the instructor. One hour a day, three days a week. 3 hours.
- 260. Playground Administration.** One hour a day, five days a week. 4 hours.
- 301. Gymnasium Activities II.** A continuation of Gymnasium Activities I. Two hours a day, five days a week. Prerequisite, 203. Winter. 5 hours.
- 302. Materials and Methods for Teaching Physical Education Activities in Junior and Senior High Schools.** One hour a day, four days a week. 4 hours.
- 303. Kinesiology.** Prerequisite, Physiology 209a. One hour a day, five days a week. 5 hours.
- 325. Recreational Leadership.** Two hours a day, five days a week. 4 hours.
- 330. Theory of Basketball.** One hour a day, two days a week. Prerequisite, Physical Education 210. 2 hours.
- 353. Organization and Administration of Physical Education.** One hour a day, four days a week. 4 hours.

## PHYSICAL EDUCATION FOR WOMEN

The courses required for graduation must include the following:

- (I) Three (3) courses selected from the following group: 101, 101A, 102, 102A, 103, 103A, and
- (II) 219 or 219P and two (2) courses selected from the following: 201A, 202A, 203A, 211, 212, 213, 214, 215, 216, 218, 222, 230, 233, 236, and 239.
- (III) However, students majoring or minoring in physical education must take the following courses: 104, 105, 106, 223, 224, and 225, which corresponds to the six (6) activity hours required of all college students.

Not more than one of these courses may be taken in any one term without special permission from the Department.

Students who are advised by the Medical Department to restrict their activities should register in a course marked with an "A" following the number or one that is marked \*.

Forty-two (42) hours in addition to the above listed courses are required for a major in physical education, a total of forty-eight (48) hours. Twenty-four (24) hours are required for a minor in physical education.

A major in this Department must include the following courses: 245, 303, 304, 305, 306, 307, 308, 309, 350, 351, 352, 353, 313, 314, 315, 413, 414, and 415.

A minor in this Department must include the following: 244, 245, 305, 306, 307, 308, and 350.

All activity courses numbered 100 meet three (3) days a week.

All activity courses numbered 200 meet two (2) days a week.

**101. Volleyball and Soccer.** Fall. 1 hour.

**101A. Individual Physical Education.** Horseshoes, roque, miniature golf, badminton, and shuffleboard. Fall. 1 hour.

**102. Basketball and Folk Dancing.** Winter. 1 hour.

**102A. Individual Physical Education.** Table tennis, bowling, postural corrections. Winter. 1 hour.

**103. Softball and Stunts.** Spring. 1 hour.

**103A. Individual Physical Education.** Paddle tennis, golf, fundamental rhythms. Spring. 1 hour.

**104. Volleyball and Speedball.** For majors and minors. Fall. 1 hour.

**105. Basketball and Folk Dancing.** For majors and minors. Winter. 1 hour.

**106. Softball and Stunts.** For majors and minors. Spring. 1 hour.

**201A. Adapted Physical Education.** Special hours to be arranged by conference.

**202A. Adapted Physical Education.** Special hours to be arranged by conference.

**203A. Adapted Physical Education.** Special hours to be arranged by conference.

**211. Hockey.** Fall. 1 hour.

**212. Basketball.** Winter. 1 hour.

**213. Softball.** Spring. 1 hour.



- \*214. Archery.** 1 hour.
- \*215. Badminton.** 1 hour.
- 216. Tennis.** 1 hour.
- 218. Individual Sports.** Badminton, duck pins, and other recreational sports. Not open to those who have had 101A, 102A, and 103A.
- \*219. Elementary School Group Activities.** 1 hour.
- \*219P. Primary Group Activities.** 1 hour.
- \*222. Golf.** Spring. 1 hour.
- 223. Hockey Techniques and Skills.** For majors and minors. Fall. 1 hour.
- 224. Tap Dancing.** For majors and minors. Winter. 1 hour.
- 225. Skills and Techniques of Tennis.** For majors and minors. 1 hour.
- \*230. Folk Dancing.** Winter. 1 hour.
- 233. Modern Dance.** 1 hour.
- \*236. Tap and Character Dancing.** Winter. 1 hour.
- \*239. Social Dancing.** Beginners only. Winter. 1 hour.
- 313. Speedball.** For majors and minors. Fall. 1 hour.
- 314. Modern Dance.** For majors and minors. Winter. 1 hour.
- 315. Golf.** For majors and minors. Spring. 1 hour.
- 413. Archery.** For majors and minors. Fall. 1 hour.
- 414. Advanced Dancing.** For majors and minors. Winter. 1 hour.
- 415. Track, Tumbling, and Stunts.** For majors and minors. Spring. 1 hour.

### **Theory Courses:**

- 244. Survey and Introduction to Physical Education.** Fall. 2 hours.
- 245. Conduct of Play Activities.** Winter. 4 hours.
- 248. Club and Community Leadership.** Spring. 2 hours.
- 303. Kinesiology.** Taught in the Department of Physical Education for Men. Spring. 5 hours.
- 304. Techniques of Seasonal Sports.** Soccer and Volleyball. Fall. 2 hours.

- 305. **Techniques of Seasonal Sports.** Hockey and Speedball. Fall. 2 hours.
- 306. **Techniques of Seasonal Sports.** Winter. 2 hours.
- 307. **Techniques of Seasonal Sports.** Spring. 2 hours.
- 308. **Method of Teaching Dance.** Winter. 2 hours.
- 309. **Techniques of Individual Sports.** 2 hours.
- 310. **Theory of Officiating.** Field hockey. Fall. 1 hour.
- 311. **Theory of Officiating.** Basketball. Winter. 1 hour.
- 312. **Theory of Officiating.** Softball and other seasonal sports. Spring. 1 hour.
- 345. **Supervision of Physical Education.** Spring. 2 hours.
- 350. **Materials and Methods for Teaching in Elementary and Secondary Schools.** Fall. 3 hours.
- 351. **Recreation and Physical Education for the Atypical and Handicapped Individual.** Fall. 3 hours.
- 352. **History and Principles of Physical Education.** Winter. 4 hours.
- 353. **Organization and Administration of Physical Education.** Spring. 4 hours.

## PHYSICS AND ASTRONOMY

A major consists of thirty-six quarter hours, a minor of twenty-four. Majors, and minors so far as is practicable, should take mathematics courses, 111, 112, 113, 251, 252 and 303.

- 101, 102. **Survey Course in Physics.** Students who have had a year of physics in high school are not admitted to these courses. 4 hours.
- 109. **Household Equipment.** 4 hours.
- 206. **Mechanics and Sound; 207. Magnetism and Electricity; 208. Heat and Light.** These constitute a general college course in physics for those who have had high school physics. 4 hours each.
- 301. **Mechanics.** 4 hours.
- 301A. **Analytical Mechanics for Engineers.** No student should take both 301 and 301A. Prerequisite, Calculus or registration therein. 4 hours.
- 303. **Heat.** 4 hours.

- 305. Magnetism and Electricity. 4 hours.
- 306. Magnetic and Electrical Measurements. 4 hours.
- 308. Sound. 4 hours.
- 310. Light. 4 hours.
- 312. Radio. 4 hours.
- 314. Introduction to Modern Physics. 4 hours.
- 316. History of Physics. 4 hours.
- 201, 202. Astronomy. 4 hours each.
- 301, 302. Astronomy. 4 hours each.

## PHYSIOLOGY AND HYGIENE

- 200. Control of Communicable Diseases in Public Schools. 2 hours.
- 202. Health Education. 4 hours.
- 203. Physical Handicaps to Learning. 3 hours.
- 206. Hygiene of the Home. 2 hours.
- 209a. Introduction to Physiology. 4 hours.
- 210. Home Nursing. 3 hours.
- 230. Safety in Physical Education. 2 hours.
- 300. Anatomy. 4 hours.
- 301. Bacteriology. 4 hours.
- 303. Physiology of Exercise. 2 hours.
- 306. Teaching of Health Education. 3 hours.
- 311. Child Development. 2 hours.
- 355. Public Health. 4 hours.

## SOCIOLOGY

A major in sociology consists of 36 quarter hours; a minor of 24 quarter hours.

Those who plan to enter social work or do graduate work in sociology should major in sociology. Work in sociology is recommended also for those planning to enter the ministry.

Students majoring in sociology are urged to minor in at least one other social science department and to take work in all the social sciences.



Geography 324 and History 375 or 376 may be counted toward a major in sociology.

- 101. **Introductory Sociology.** 5 hours.
- 201. **Sociology of Rural Life.** 3 hours. Fall. Landis.
- 202. **Social Pathology.** 4 hours. Landis.
- 210. **Cultural Anthropology.** (Economics 211.) 3 hours. Petroff.
- 215. **Population Problems.** (Economics 215.) 2 hours. Spring. 1941-42 and alternate years. Landis.
- 220. **Race Relations.** 3 hours. Spring. McDonagh.
- 301. **Juvenile Delinquency.** 3 hours. 1942-43 and alternate years. Landis.
- 305. **Social Institutions.** (Economics 306.) Petroff.
- 310. **The Family.** 3 hours. Fall. Bowden.
- 311. **Urban Sociology.** 3 hours. Fall. 1942-43 and alternate years. McDonagh.
- 315. **Crime and Its Treatment.** 4 hours. Spring. 1941-42 and alternate years. Landis.
- 321. **Teaching of the Social Studies in High School.** 2 hours. Spring. Landis.
- 325. **Industrial Sociology.** 4 hours.
- 330. **Propaganda Analysis.** 3 hours.
- 331. **Social Control.** 3 hours. Winter. McDonagh.
- 339. **Guidance and Personnel.** 4 hours. Spring, Summer. Gum.
- 340. **Educational Sociology.** 3 hours. Winter. McDonagh.
- 345. **Current Social Problems.** 2 hours. Summer. Bowden.
- 350. **History of Social Thought.** 3 hours. Spring. 1942-43 and alternate years. McDonagh.
- 355. **Social Psychology.** 3 hours. Winter. McDonagh.
- 369. **Sociology of Leadership.** 3 hours. 1941-42 and alternate years. Fall. McDonagh.
- 390. **Social Background of World War II.** 5 hours.

### **Pro-Seminar Courses:**

The following courses are open to senior majors and others upon recommendation of the head of the department. The conduct of these

courses is slightly different from that of others, and an attempt is made to develop certain methods of research work which will be needed in graduate study. The prerequisites to all these courses are as follows: Sociology 101 and two 200 courses. The credit hours in each case will vary from 3 to 4.

- 360. Social Security.** (Economics 361.) Winter. 1941-42 and alternate years. Bowden.
- 370. Social Implications of Religions.** Spring. 1942-43 and alternate years. Bowden.
- 375. Community Organizations.** Bowden.
- 381. Guidance in Personality and Social Adjustments.** 4 hours. Gum.
- 381A. Supervised Field Work.** 2 hours. Gum.
- 381B. Supervised Field Work.** 2 hours. Gum.
- 400. The Rise and Fall of World Cultures.** Spring. 1941-42 and alternate years. Bowden.
- 410. Social Research Methods.** 3 hours. Landis.
- 411. Seminar in Social Problems.** Not open to students having credit in Sociology 345. 4 hours. Fall. McDonagh.

## ZOOLOGY

A total of forty to forty-four quarter hours is required for a major in Zoology. Six courses are required for a minor.

Zoology 101, 105, 200, 201, 300, 320 and 335 or their equivalents are required of all majors in Zoology.

Zoology 101, 200, 201, 300, 320 and 321 are courses which will be of great value to pre-medical and pre-dental students, and those planning to take nurses' training.

- 101. General Vertebrate Zoology.** 5 hours.
- 105. General Invertebrate Morphology.** 5 hours.
- 200. Comparative Vertebrate Anatomy I.** Skeleton and Muscles. Prerequisite, Zoology 101. 5 hours.
- 201. Comparative Vertebrate Anatomy II.** Digestive, circulatory, nervous and reproductive systems. 5 hours. Prerequisite, Zoology 200.
- 210. General Ornithology.** Prerequisite, Zoology 101. 4 hours.
- 215. Entomology.** Prerequisite, Zoology 105. 4 hours.

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- 220. Field Zoology.** Prerequisites, Zoology 101 and 105. 5 hours.
- 300. Vertebrate Embryology.** Prerequisite, Zoology 101, 201. 5 hours.
- 305. Comparative Anatomy of Invertebrates.** Prerequisites, Zoology 105. 4 hours.
- 315. Genetics.** Prerequisite, approval of the Department. 5 hours.
- 320. Histology of Organs.** Prerequisite, one year of zoology. 4 hours.
- 321. Histological Technique in Biology.** 5 hours.
- 322. Advanced Histology.** Prerequisite, Zoology 321. 4 hours.
- 335. Taxonomic and Field Zoology.** 4 hours. Not to be taken by students who have had Zoology 220.
- 370. Methods in Biology.** 4 hours.
- 380. History of Biology.** Prerequisites, one year of botany and zoology. 4 hours.
- 400. Parasitology.** Prerequisites, two years of zoology. 4 hours.
- 410. Bio-ecology.** Prerequisites, Zoology 220 and Botany 203. 4 hours.



## PRACTICE TEACHING

The practice department includes the following four branches: Campus Laboratory School, Carterville High School, Brush Training School, and the Rural Practice Schools.

*Senior College Practice.* Twelve quarter hours of practice are required for graduation from the Four-Year Course. This work will include four quarter-hours' credit in the students' major field. Additional practice work may be elected.

*Prerequisites.* Sixteen quarter hours in the subject to be taught; a total of 128 quarter hours of credit with a 3.0 average or better.

No practice credit will be given for past experience in teaching.

Application must be made at the beginning of the term preceding the term in which the practice teaching is desired.

*Junior College Practice.* After July 1, 1943, the Limited Elementary Certificate and Kindergarten-Primary Certificate will be granted by examination to those who have completed two years of college work. To be eligible to take this examination a student must have eight quarter hours of credit in practice teaching. This will usually be secured by teaching one-half day in the elementary or rural field.

## Campus Laboratory School

The Campus Laboratory School offers work from the kindergarten through the senior high school. It is divided into the kindergarten, six-year elementary school, and six-year high school.

For the high school an activity fee of \$8 a semester is charged. This fee entitles the student to the following: his text-books; use of the college library; a subscription to a current affairs weekly newspaper; a subscription to the high school weekly newspaper; admission to high-school athletic contests, college football games, college track meets, and college entertainment numbers presented in the evening, excepting those of the Cooperative Concert Association.

Th high school also offers an opportunity to those who have not met all the college entrance requirements for making up their deficiencies. The requirements for high school graduation are 16 year credits, including three of social studies, three of English, and two of physical and biological sciences or mathematics. One year credit is required in physical education. An unusually rich curriculum of subjects is offered in the University High School. For information write Mr. Hal Hall, Superintendent of the Campus Training Schools.

Fees for the kindergarten and for grades one to six are \$4 each term, or \$12 a year.

## Carterville High School

The Carterville Community High School, located on the hard road ten miles east of the campus, provides opportunity for senior college

students to make eight hours each of practice teaching credit per term. It has a faculty of eleven teachers and a student body of nearly 250. Student teaching is carried on here under conditions very similar to those encountered in the average high school.

### **Internship**

During the past few years, outstanding seniors have been given an opportunity to serve as interns in cooperating schools. Not more than one or two students are assigned to any school system. The student will receive his principal supervision from one teacher, but the principals, superintendents, and members of the regular practice department will provide whatever aid is desirable.

### **Brush Practice School**

The Brush School is located in the best residential portion of the city and is a little over a half mile from the College campus. The enrollment is about 400. The school includes grades one to six in twelve rooms, several of which are devoted to practice teaching and are in charge of a regular teacher or supervisor.

### **Rural Practice Schools**

The rural practice department includes five schools which are under the direction of a full-time superintendent and one supervising teacher for each school. The following Jackson County schools will be included for the year 1942-43: Pleasant Hill, District No. 94; Buckles, District No. 98; Pleasant Grove, District No. 102; Wagner, District No. 136; and Buncombe, District No. 139.

One member of the department devotes most of his time to field work. This includes an in-service extension project in which he teaches the field courses, Education 361 and 362, and visits the schools of the teachers enrolled. He also supervises seven "key" schools in seven different counties (Jackson, Randolph, Union, Saline, Williamson, Gallatin and Pulaski). These schools are visited by the students involved in the project. They are visited also by student teachers from the rural training schools. The in-service program is closely connected with the teacher-training program.

**Enrollment by Terms, 1942-43**

	Men	Women	Total	Total Registrants
1st Summer, 1942.....				1078
Freshmen .....	68	79	147	
Sophomores .....	97	161	258	
Juniors .....	104	248	352	
Seniors .....	87	176	263	
Graduates .....	17	17	34	
Unclassified .....	4	20	24	
Total residence .....	377	701	1078	
2nd Summer, 1942.....				657
Freshmen .....	49	36	85	
Sophomores .....	60	84	144	
Juniors .....	94	134	228	
Seniors .....	54	118	172	
Graduates .....	4	6	10	
Unclassified .....	3	15	18	
Total residence .....	264	393	657	
Fall, 1942 .....				1825
Freshmen .....	402	294	696	
Sophomores .....	202	161	363	
Juniors .....	130	138	268	
Seniors .....	73	86	159	
Graduates .....	14	19	33	
Unclassified .....	2	6	8	
Total residence .....	823	704	1527	
Extension (duplicates excluded) .....	82	216	298	
Winter, 1942-43 .....				1410
Freshmen .....	289	243	532	
Sophomores .....	157	163	320	
Juniors .....	110	102	212	
Seniors .....	79	89	168	
Graduates .....	16	13	29	
Unclassified .....	2	4	6	
Total residence .....	653	614	1267	
Extension (duplicates excluded) .....	51	92	143	
Spring, 1943 .....				1155 + Army
Freshmen .....	158	218	376	
Sophomores .....	96	138	234	
Juniors .....	73	88	161	
Seniors .....	88	97	185	
Graduates .....	7	8	15	
Unclassified .....	6	4	10	
Total civilian residence..	428	553	981	
Aviation Cadet Candidates.....				
Extension (duplicates excluded) .....	32	142	174	



## BACHELOR OF EDUCATION DEGREE

### 1942

Helen Irene Scott Adams  
Rosalind Adams  
Billie L. Akin  
James Ralph Allen  
Lyman Smith Allen  
LaVerne Rhine Armstrong  
Fred Applegath  
John Ellis Austin  
Esther Mary Ayers  
Emma Jean Baker  
Lora Esther Ballance  
Jack Edward Bass  
Harry Christian Bauer  
Eugene Wilson Been  
Marie Bell  
Mildred A. Benz  
Pauline Sorgen Beyer  
Wilbern Boatright  
Helen Wayman Bock  
Rachael I. Bost  
Irene Boughers  
Anna Marie Bowen  
Grace Boyd  
Angie Mabel Bradham  
Virginia Bradley  
Joann Brooks  
Clyde Franklin Burgess  
Louis G. Businaro  
Robert Callis  
Willard Cleburne Campbell  
William Campbell, Jr.  
David Phillip Carty  
Robert Frances Catlett  
George David Caveglia  
Sybil Mae Charon  
Roy R. Chenoweth  
Harry Stanford Chester  
Florence Eugenia Chism  
Betty Clayton  
E. Lendell Cockrum  
Gayle Dillow Conant  
Grace Keller Cooper  
Nancy M. Cooper  
Vesta M. Corzine  
Verdie T. Cox  
Jane Wallace Crichton  
George Roger Cunitz  
Eugene Wendell Daily  
Genelle Daniel  
Peggy Lou Dean  
Mary Jane DeVoe  
Thomas L. Dickey, Jr.  
Arlene F. Dickhaut  
Rex O. Dillow  
Frederick Monroe Dinkelman  
Doris Downen  
Mary L. Downen  
Virginia Downey  
Helen J. Dykstra  
Warren O. Eckert  
Tillie Elliott  
Lucille Ellis  
Ogie Earl Ellis  
Charlotte Ida Elmore  
Paul Revere Emerson  
Genevieve Denneise Emery  
Eugene Bryan Epperson, Jr.  
Delbert M. Eubank  
Lillian A. Ewing  
Darrell H. Ferguson  
Ann Figg  
Lucyella Johnson Foster  
Henry Simeon Frazer  
William Henry Freeburg  
William Martin Gaetz

Katherine Gaines  
James Allen Gardner  
Georgia Mae Garrett  
Cleona Rea George  
Charles A. Gilpin, Jr.  
Carlos Notley Gore  
Marie Elizabeth Graesser  
Frederick E. Gray  
Fern Phemister Greer  
William Guiney, Jr.  
Alvin E. Hale  
Robert R. Hall  
Richard Hamann  
Anna Faye Hampton  
Sampson Herbert Harris  
Russell Francis Harrison  
James Ervin Harriss  
Velma Angelina Hart  
John P. Hecimovich  
Mary L. Heinzman  
Barton K. Herr  
William Collan Hill  
Edward Lee Hillyard  
Walter Kimmel Holliday  
Frank Leroy Holloway  
Elaine Hood  
Clarence William Horrell  
Howard E. Hough, Jr.  
Ellen Owsley Howard  
Jack Magnus Howell  
Catherine Howells  
Curtis H. Jennings  
Betty Jane Johnson  
Beulah Jones  
Marjorie Jane Jones  
C. Eugene Kane  
Lewis Clarence Kelley  
Margaret Kenney  
Wilene Kilgore  
Theodore Kinsman  
Raymond Philip Kloepper  
Robertta Koonce  
Marguerite Norman Kragness  
Elmer L. Kuehn  
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