

1941

1941-1942 Southern Illinois Normal University

Southern Illinois State Normal University

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SOUTHERN ILLINOIS NORMAL UNIVERSITY BULLETIN



VICTORY PROGRAM

STATE OF ILLINOIS
DWIGHT H. GREEN
GOVERNOR 1942
PUBLISHED QUARTERLY
CARBONDALE, ILL.



STATE OF ILLINOIS
DWIGHT H. GREEN, GOVERNOR

Southern Illinois Normal University Bulletin

VOLUME XXXVI

CARBONDALE, ILLINOIS, JUNE, 1942

NUMBER 3

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1941-1942

ANNOUNCEMENTS
FOR
1942-1943

PUBLISHED QUARTERLY BY THE UNIVERSITY
JANUARY APRIL JULY OCTOBER

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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
John A. Wieland.....	Superintendent of Public Instruction Ex-Officio Secretary
Jacob Alschuler.....	Aurora
Otto G. Beich.....	Bloomington
Preston Bradley.....	Chicago
John D. Dill.....	Carbondale
Russell Guin.....	Danville
Harriet A. McIntire.....	Mendota
Charles E. McMorris.....	Marshall
Mrs. Helen Rose Pegelowe.....	Mattoon
Lindell W. Sturgis.....	Metropolis
Edwin McDonald, Co-ordinator.....	Virginia

CALENDAR

1942-43

Fall Term, 1942

Sept. 8-9	Tuesday-Wednesday	Registration
Sept. 10	Thursday	Instruction begun
Oct. 23-24	Friday-Saturday	Homecoming
Nov. 23-25	Monday-Wednesday	Final Examinations
Nov. 26-27	Thursday-Friday	Thanksgiving Vacation

Winter Term, 1942-43

1942

Nov. 30	Monday	Registration
Dec. 1	Tuesday	Instruction begun
Dec. 19	Saturday	Christmas Vacation begun
1943		
Jan. 4	Monday	Instruction resumed
March 3-5	Wednesday-Friday	Final Examinations

Spring Term, 1943

March 8	Monday	Registration
March 9	Tuesday	Instruction begun
April 22-27	Thursday-Tuesday	Easter Vacation
April 28	Wednesday	Instruction resumed
May 30	Sunday	Baccalaureate Service
June 1-3	Tuesday-Thursday	Final Examinations
June 4	Friday	Sixty-eighth Annual Commencement

First Summer Session, 1943

June 7	Monday	Registration
July 16	Friday	Final Examinations

Second Summer Session, 1943

July 19	Monday	Registration
Aug. 27	Friday	Final Examinations

ADMINISTRATION

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

FACULTY

1942-43

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.
 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., Uni-
 versity of Illinois.
- ORVILLE ALEXANDER (1938) *Associate Professor of Government*
 B.Ed., Southern Illinois Normal University; M.A., Ph.D., Uni-
 versity of Iowa.
- *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 Uni-
 versity.
 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.
- FRANCES BARBOUR (1925) *Associate Professor of English*
 A.B., A.M., Washington University.
 Additional graduate work, 2 years.

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

- 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.
- ALLAN H. BONE (1941) *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, 1 year.
- 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.
- 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.
- 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) *Instructor in 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, University High School*
B.Ed., Southern Illinois Normal University; M.S., University of
Michigan. On leave of absence, 1942-43.
- 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., Uni-
versity of Minnesota.
- STEWART C. CHANDLER (1940) *Consulting Entomologist*
B.S. in Agriculture, University of Wisconsin; Field Entomolo-
gist, 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)
- FRANK H. COLYER, M.S. (1897) *Professor of Geography,*
Head of Department, Emeritus (1935)
- VIRGINIA CONGREVE (1941) *Instructor, Physical Education for Women*
B.A., M.A., Northwestern University.
- 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.
- 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.
Additional graduate work, University of Cincinnati, 2 years.
- 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.
- J. W. DILLOW (1934) *Instructor, Rural Training Schools*
B.Ed., Southern Illinois Normal University; M.A., University of Illinois; residence work for D.Ed. completed, Teachers College, Columbia University.
- *MABEL EADS (1929) *Instructor, Brush Training School*
B.Ed., Southern Illinois Normal University; M.A., M.S., University of Chicago.
- JACQUELYN C. ECKERT (1941) *Government*
B.A., M.A., Ph.D., The University of Texas.
- 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.
- 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.

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- *MAE L. FOX (1924) *Instructor, Brush Training School*
B.Ed., Southern Illinois Normal University; M.A., Teachers College, 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.
- RUTH HUSBAND FULTS (1929) *Instructor, Allyn Training School*
B.S., A.M., University of Illinois.
- LOUIS W. GELLERMANN (1936) *Associate Professor of Education*
A.B., M.A., University of Washington; Ph.D., Clark University.
- WILLARD M. GERSBACHER (1936) *Associate Professor of Zoology,*
Head of Department
B.Ed., Southern Illinois Normal University; A.M., Ph.D., University 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 College, Columbia University.
Additional graduate work, 1 year.
- WANDA NEWSUM GUM (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 University.
- 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.
- EMERSON HALL (1929) *Assistant 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; residence work for Ed.D. completed, New York University.

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- 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.
- AUDRY HILL (1941) *Instructor, University High School*
B.Ed., Southern Illinois Normal University; M.S., University of
Michigan.
Additional graduate work, 1 summer.
- 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.
- AGNES J. JOHNSON (1939) *Instructor, Allyn Training School*
B.S., Drake University; M.A., Teachers College, Columbia Uni-
versity.
- LEONARD J. KEEFE (1940) *Instructor, University High School*
B.Ed., Illinois State Normal University; M.A., Colorado State
College of Education.
- 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.
- RUBY KERLEY (1935) *Instructor, Librarian*
B.Ed., Southern Illinois Normal University; B.S. in L.S., Uni-
versity of Illinois Library School; M.A. in L.S., University of
Michigan.
- FLORENCE R. KING (1911) *Instructor, Allyn Training School,*
Emerita (1936)
- GRACE E. KITE (1941) *Instructor, Librarian*
B.S., Northwestern University; M.A., Teachers College, Colum-
bia 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) *Assistant Professor of Sociology*
A.B., Greenville College; A.M., University of Michigan; Ph.D.,
Louisiana State University.
- *FRED E. LAUDER (1934) *Instructor, Carterville High School*
B.S. in Ed., University of Illinois; M.A., University of Iowa.
- 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.
- *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, 1 year.
- 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.
- WENDELL MARGRAVE (1929) *Assistant Professor of Music*
B.Ed., Southern Illinois Normal University; A.M., University of
Chicago. On leave of absence, 1941-43.
- 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.

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and S. I. N. U.

- *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.
- WILLIAM McANDREW (1913) *Associate Professor of Physical Education for Men, Head of Department*
A.B., Vincennes University; LL.B., Cumberland University.
Additional graduate work, 8 months.
- D. S. McCLELLAN (1941) *Chemistry*
B.Ed., Western Illinois State Teachers College; M.S., University of Illinois.
Additional graduate work, ten semester hours.
- CHARLES ROCKWELL McCREIGHT (1938) *Instructor, University High School*
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.
- ELIZABETH HARRIS McDAVID (1941) *English*
B.A., M.A., Ph.D., Vanderbilt University.
- EDWARD C. McDONAGH (1940) *Instructor, Sociology*
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.
- *ELIZABETH R. MELSON (1941) *Instructor, Carterville High School*
A.B., McKendree College; M.A., University of Iowa.
Additional graduate work, 3 summers.
- 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.

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- 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.
- DOROTHY M. MUZZEY (1928) *Assistant Professor of Physical Education for Women*
B.A., Iowa State Teachers College; A.M., 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, 2 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.
- 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, University of Grenoble, 1 year; University of Perugia, 1 summer; Institut de Phonétique, Paris, 1 summer.
- WILLIAM NEAL PHELPS (1941) *University High School*
B.Ed., Southern Illinois Normal University; M.A., University of Illinois.
Additional graduate work, 1 year.

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- LLOYD J. PHIPPS (1941) *Instructor, University High School*
B.S., University of Illinois.
Additional graduate work, $\frac{3}{4}$ year.
- 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; residence requirement for Ph.D. com-
pleted, University of Chicago.
- 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) *Instructor, Rural Training Schools*
B.Ed., Southern Illinois Normal University; A.M., Teachers Col-
lege, Columbia University.
Additional graduate work, 2 years.
- 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.
- ORA ROGERS (1928) *Instructor, Allyn Training School*
B.Ed., Southern Illinois Normal University; A.M., University of
Illinois.
- 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.
- FRANCES E. ROWE (1941) *Physiology and Health Education,*
Associate College Physician
B.S., M.D., University of Vermont.
- 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*
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.
- 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.
- 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.
- *LOREN SPIRES (1932) *Instructor, Carterville High School*
B.Ed., Southern Illinois Normal University.
Additional work, 1 year.
- 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.
- 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.

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

- HARLEY R. TEEL (1935) *Assistant Professor, Assistant 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.
- OTA THOMAS (1941) *English*
B.A., M.A., Ph.D., State University of Iowa.
- GEORGE G. THOMPSON (1941) *Education*
B.A., M.S., Fort Hays Kansas State College; Ph.D., University of
Iowa.
- MADGE TROUTT (1924) *Assistant Professor, University High School*
B.Ed., Southern Illinois Normal University; A.M., University of
Chicago.
- *JEWELL TRULOVE (1930) *Instructor, Brush Training School*
B.Ed., Southern Illinois Normal University; M.A., Teachers Col-
lege, Columbia University.
- 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.

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

- RICHARD E. WATSON (1940) *Assistant Professor of Physics and Astronomy*
B.Ed., Southern Illinois Normal University; M.A., Ph.D., University of Illinois.
- 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.
- GEORGE D. WHAM (1906) *Professor of Education, Head of Department, Dean of Faculty, Emeritus (1938)*
- *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) *Associate Professor of Art, Head of Department, Emeritus (1942)*
- LUCY K. WOODY (1911) *Professor of Household Arts, Head of Department, Dean of Women*
B.S., M.A., Teachers College, Columbia University.
- 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.

Office

- JOHN ALLEN *Faculty Assistant, Museum*
- CORNELIA BEACH (1937) *Secretary to the Business Manager*
B.Ed., Southern Illinois Normal University.
- MABEL HOWELL (1939) *Accountant*
B.Ed., Southern Illinois Normal University.
- W. C. FLY (1937) *Manager of the Book Store*

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

TO THE HIGH-SCHOOL GRADUATE

In common with all loyal citizens, the high-school graduate of 1942 wants to know what he can do to help win the war. Most high-school graduates will find themselves still under the age which the Selective Service Act has set as the minimum for active service on the front. Furthermore, the high-school girls are as eager to serve as the boys, yet they will not be called to the front at all.

In the meantime, the President of the United States and the heads of the various divisions of our war effort have constantly stressed the idea that our greatest need is for trained young people to assume places of responsibility and leadership, both on the fighting front and on the home front. Indeed, so serious has this shortage of trained people become that proposals have been made to grant priorities and arbitrarily allocate available trained people to the various agencies working to win the war.

Therefore, your opportunity for helping to win the war may lie in further preparation for skilled service or trained leadership.

We are coöperating with the very fine plans that are being developed by the War and Navy Departments to arrange matters so that a student coming to Southern can give maximum attention to preparation for the war service of his choice and at the same time pursue his own education so that after the war he will receive full credit for all the time he spends on this campus.

WAR-SERVICE OPPORTUNITIES AT SOUTHERN ILLINOIS NORMAL UNIVERSITY

Navy V-1 Program

Southern Illinois Normal University has been approved by the Navy Department for full participation in the Navy V-1 program. Male students under twenty years of age, who are duly registered full-time students in good standing, may enlist in Class V-1 of the Naval Reserve. These enlisted men may continue in college at their own expense and will be given navy training in an inactive naval status. Such enlistment will defer them from call into military service at least until the end of their sophomore year. Some who pass satisfactorily a general comprehensive examination near the end of their sophomore year and are approved for enlistment in the V-7 Program of the Naval Reserve will be permitted to remain in college until they have completed their degree.

On the basis of comprehensive examinations, many of these students will be placed by the Navy in officers' training schools, with a view to graduation as commissioned officers. The others will be expected to enter active duty as enlisted personnel in the Navy as soon as they finish their sophomore year, or if they qualify, enter aviation officers training.

The college work will be similar to the regular courses, with special requirements in physical education and the physical sciences.

Plans are being made to try to provide V-1 men with special housing facilities, in which they will be able to live together and for which the expenses will be reduced to a minimum, if they desire such an arrangement.

Army Aviation Cadet Program

Students may become candidates for both ground and flying officers' commissions by enlisting in the Air Force Enlisted Reserve of the Army on a deferred service basis. According to recommendations sent out by the Army, these men will be allowed, so long as the exigencies of war permit, to graduate before being called for active training. Applicants for appointment as Aviation Cadets must be from 18 to 26 years of age, inclusive. The applicant's status as a full-time undergraduate student must be certified by the registrar. He must maintain a satisfactory scholastic standing. The College has a faculty Air Force Adviser, who will aid students in selecting courses to fit them for Air Force activity.

Civil Aeronautics

Initiated on the Southern Illinois Normal University campus during the fall of 1939, the Civilian Pilot Training Course, offered in connection with the Civil Aeronautics Authority, has been taught each term since that time. Both primary and secondary courses are offered, with flight training at the Marion airport.

For further information concerning these courses, see page 32.

Chemistry

Intensive courses in the manufacture of powder and explosives are given by members of the chemistry department to advanced students, who then may qualify as Junior Inspectors of Powder and Explosives under the Civil Service Commission.

Geography and Geology

The Geography and Geology Department offers three courses in meteorology in which students may earn eight semester hours' credit which qualify them to take United States Civil Service Weather Examinations. In addition, three students receive additional meteorological training by serving as paid observers at the U. S. Airway Station on the campus.

Radio Work

A course is offered in the fundamental principles of radio reception, and phone and Continuous Wave transmission.

Commercial Education

Because of the great demand for trained clerical help, a student is now allowed to enroll, without additional tuition, in as many courses in commerce as he and his adviser may decide are helpful to him.

Industrial Education

The Industrial Education Department offers the following opportunities for war training:

1. Students finishing three years in college with 36 quarter hours of credit in industrial education are eligible for Civil Service positions as instructors in the ground school of the Army and Navy Air Corps.

2. Shop courses, such as machine shop, sheet metal, pattern making, and engineering drawing. Numerous opportunities for students proficient in these subjects now exist in the United States Civil Service as well as in private industry. Skilled workmen are likewise urgently needed as teachers and in active service with the armed forces.

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 B.Ed. Degree with a major in nursing education, or (if she has attended a school of nursing) work for the B.Ed. Degree in addition to her B.N. Degree without serious loss of time. These lines of work now specifically provided for are new in this institution.

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.

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. Candidates for graduation should apply for graduation by the beginning of the spring quarter.

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. The term credit, used before the fall of 1936, represented the work done by a student in a course of twelve weeks, four hours a week. It was the equivalent of four quarter hours or two and two-thirds semester hours. Since September, 1930, the periods have been one hour in length. Previous to that time one term credit represented the work done by a student in a course pursued for a term of twelve weeks, five forty-five minute periods a week.

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 with- drawal but course not completed.	

Students regularly carry 15 to 17 hours of work. 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 and upon payment of the special fees described in point three under "Expenses."

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 who appeals his case to the President or the Scholarship Committee and obtains permission to register with an average below this must pay special fees of \$32.50 (charged of all students not preparing to teach) with the understanding that the College is under no obligation to graduate or recommend him for the Certificate.

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 amount to \$17.50 a term. 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. A pledge shall be exacted from students attending any of the Normal Schools of the State of Illinois to teach in the public schools of Illinois for a period equal to the time spent in said schools.

Though the teachers colleges are organized primarily for the training of teachers, the demands at present seem to justify admitting students who do not pledge themselves to teach, and all such students shall be required to pay a tuition fee of not less than \$25.00 a term, in addition to the activity and book-rental fees.

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 special registration fee 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
Aeronautics only	10.00

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.

Refund of Fees

Students withdrawing from the College within ten days after registration 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. Four programs of work are available: Federal or NYA, State, private, and Anthony Hall.

Appointments to projects of Federal Student Work, under the National Youth Administration, are made on the basis of need, scholarship, character, and ability to fit into the available positions. These projects include clerical and stenographic work; assistance in offices, libraries, laboratories, the museum, and the engineering department; campus beautification; and research and economic surveys. This program is in operation only during the regular school year and not through the summer.

State employment also provides some part-time work in the projects mentioned above. 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.

Anthony Hall, the women's dormitory, provides opportunities for twenty-four young women to earn one-half of their room and board. This work requires that they live in the dormitory. Information concerning Anthony Hall appears on page 27.

Requests for application forms should be made to Mrs. Wanda Newsum Gum, 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 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.

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.

Zeta Sigma Pi, the social-science honorary fraternity, will present annually to one of its members the **Reid Douglas Bowden Memorial Award** established by Mr. and Mrs. R. D. Bowden in memory of their deceased son. This award, in the amount of \$25, will be presented on the basis of scholarship, student leadership, and other qualities determined by the fraternity.

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, the Women's Building, was opened in 1913. Every possible provision has been made for the comfort, safety, and well-being of residents. The Hall has been newly redecorated and refurnished.

The residence hall will accommodate seventy-six women. There is almost an equal number of double and single rooms. Each room is provided with hot and cold water. All linens are furnished, but the student may supply her own curtains, spreads, and one pair of double blankets. A fully equipped infirmary is located on the first floor.

A charge of \$7 a week is made for board and room at Anthony Hall. The college reserves the right to change to a higher rate if it becomes necessary. A reservation fee of \$5 must accompany each application for a room, and this deposit will under no circumstances be refunded. This fee is applied on the first month's room and board. Applications for rooms should be sent to the Director of the Hall.

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 cooperate 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 \$2.25 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 Teachers 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 students organizations include national and local professional fraternities, religious groups, literary societies, student co-operatives, 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 43,997 volumes exclusive of 1374 in the training school. In addition to this, it has 4834 public documents and 7505 bound periodicals. The Library receives 621 current periodicals.

The Library is open on school days from 7:30 A. M. to 10:00 P. M. except on Fridays, when it closes at 5:00 P. M. It 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 two 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.

Certification

A new certification law will become effective July 1, 1943; but for the coming year the following certificates will be issued as formerly:

1. Limited Supervisory Certificate
2. Limited High School Certificate
3. Limited Special Certificate
4. Limited Kindergarten-Primary Certificate
5. Limited Elementary Certificate

All certificates valid at the time the new act goes into effect shall be continued in force and be renewable upon evidence of satisfactory professional growth.

After July 1, 1943, a bachelor's degree with sixteen semester hours in education, including five hours in practice teaching, will be required for the Limited Elementary Certificates to be issued without examination. This certificate will be issued upon successful examination to applicants who have completed sixty semester hours in elementary training courses including ten hours in education, which must include five of practice teaching.

Other certificates which will require the bachelor's degree, with the same requirements in education and practice teaching as mentioned above, are the Limited Kindergarten-Primary and the Limited Special. The Limited High-School Certificate will require a bachelor's degree with sixteen semester hours of education, five of which shall be student teaching. The Supervisory Certificate requirements will be essentially the same as at present. Life Certificates will require a master's degree.

In order to be eligible for certification the applicant must be at least twenty years of age and a citizen of 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

The Southern Illinois Normal University maintains an Extension Service under which as many as thirty-five courses in one year have

recently been offered outside the regular campus program. 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.

Aeronautics

Southern Illinois Normal University is participating in the Civilian Pilot Training Program of the United States Civil Aeronautics Administration. This is an activity of the school in the National Defense Program.

The Elementary Course (Physics 250) is offered three sessions per year—fall, spring, and summer. Six quarter hours' credit are given for the course. The course consists of 72 hours of ground school and 35 hours of actual flying instruction. The student receives a Private Pilot's License. At the present time a student is not required to pay any special fees for this training.

The requirements for the Elementary Course as of February 15, 1942 are that the applicant for training must

1. Be a male citizen of the United States.
2. Obtain the written consent of his parents or guardian if under 21 years of age.
3. Never have been disqualified from participation in the Civilian Pilot Training Program by Advisory Board Action.
4. Neither be on active duty nor awaiting orders to report for duty with the U. S. Army, Navy, or Marine Corps.
5. Neither be an employee of the Civil Aeronautics Administration nor of the Civil Aeronautics Board.
6. Have attained his 18th but not his 26th birthday prior to the following appropriate date: summer session, June 1; fall term, September 1; spring term, January 2.

7. Be possessed of a concurrently effective Student Pilot Certificate bearing the designation, "Civilian Pilot Training".
8. Have never passed a CAA flight test prescribed under the Controlled Elementary Course of the Civilian Pilot Training Program.
9. Neither hold nor have held a Pilot Certificate of Private Grade or higher.
10. Have satisfactorily completed not less than 30 semester hours (45 quarter hours or the equivalent) of college work acceptable to the sponsoring institution, if now regularly enrolled for full time college work; or not less than 60 semester hours (90 quarter hours or the equivalent) of college work acceptable to the sponsoring institution, if not so enrolled.

Students who are interested in taking the Elementary Course should apply several weeks before the beginning of the session in which they are interested.

Requirements for the Bachelor of Education 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 198 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 198 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—15 quarter hours

English 101, 102, 103—6 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.

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

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

Other degree requirements are

Rhetoric—3 hours : 390.

Psychology—8 hours : 206-4, 305-4.

Education—12 hours.

For those preparing for high-school teaching :

315-4, 310-4, elective—4 hours in any 300 or 400 course. Ed. 320 is recommended but not required.

For those taking the Bachelor of Education Degree in elementary education :

215-4 (or 235-4, or 237-4), 8 hours elective.

Educ. 321 is recommended but not required.

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.

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.

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, 311, 325, 335, 337, 340, 350, 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.

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 should 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.

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.

TWO-YEAR COURSE

Leading to the Limited Elementary Certificate

The Limited Elementary Certificate, required for teaching in grades, will be issued without examination until July 1, 1943, to students who have completed two years of college credit. After that time a state examination will be required for certification without a bachelor's degree.

Following are the subjects which are regularly required before a student is recommended for the Limited Elementary Certificate.

Rhetoric 9 Qr. Hrs. (Speech 210 accepted)	Health Education . . . 4 Qr. Hrs.
Geography 100 5 Qr. Hrs.	English 213 3 Qr. Hrs.
History 110a 5 Qr. Hrs.	Physical Science and Math. 8 Qr. Hrs. (4 Hrs. in Chem. or Phys.)
Econ., Gov't., Sociol. 10 Qr. Hrs. (Work in 2 Depts. required)	Math. for Teachers . . . 4 Qr. Hrs.
Biology 5 Qr. Hrs.	Practice Teaching . . . 8 Qr. Hrs.
Art or Music 3 Qr. Hrs.	*Physical Education . 6 Qr. Hrs.
Education and Psychology 8 Qr. Hrs.	

In addition to this, the student must pass an arithmetic examination or take the no-credit course. He must also pass the penmanship examination or take a course in the subject. A student who has credit in two terms of college mathematics may be exempt from Mathematics 210.

A student must have a 3.0 average before he may be recommended for certification or graduation, and must have grades of C or better in at least three-fourths of the number of hours required. Before being eligible to take a course in Practice Teaching a student must have 48 quarter hours of credit, with grades of C or better in 36, and a grade point average of 3.0.

*Women may be excused from the sixth term if it conflicts with practice teaching.

AGRICULTURE

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

If a Smith-Hughes certificate is desired, ask for a special course of study from the Agricultural Department. 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. **Orcharding.** Prerequisite, Botany 101.
- 225. **Poultry.**
- 231. **Dairy Cattle.** Prerequisite, 105 or 205.
- 235. **Introductory Agriculture for Teachers.**
- 240. **Farm Animals.**
- 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.
- 315. **Animal Husbandry.**
- 320. **Farm Poultry.**
- 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.
- 350. **Farm Management.** Prerequisites, 102 and 105.
- 370. **Marketing of Farm Products.**

ART

Forty-eight quarter hours are required for a major in art, thirty-two of which must be three-hour courses. Art minors must have a total of twenty-four hours, twelve of which must be three-hour courses. All art courses count toward a major in art, except 120. Suggested courses for art majors: 110, 115 or 131, 220 or 250, 215, 245, 300, 365, 370, 345, 335 or 375, 325, 355.

- 105. **Freehand Drawing.**
- 110. **Principles of Design.** Required of all art majors. 4 hours.
- 115. **Theory of Color.** Required of all art majors. 4 hours.
- 120. **Art Appreciation.** 3 hours.
- 120a. **Art and Life.** 3 hours.
- 125. **Lettering.**
- 131. **Water Color.**
- 135. **Beginning Pottery and Ceramics.** 3 hours.
- 215. **Advanced Design.** Prerequisite, Art 110. Required of all Art majors. Winter. 4 hours.
- 220. **Advanced Water Color.** Prerequisite, Art 131. 4 hours.
- 225. **History of Art.** Prerequisite, Art 120. 3 hours.
- 245. **Figure Drawing.** Prerequisite, Art 105. 4 hours.
- 250. **(320) Elements of Composition.** Prerequisite, any 100 art course. 4 hours.
- 255. **Advanced Pottery and Ceramics.** Prerequisite, Art 135. 3 hours.
- 275. **Defense, Propaganda Posters.** Prerequisite, Art 125.
- 300. **(205) Art Education in the Public Schools.** Required of all art majors. 4 hours.
- 315. **Interior Decoration.** 5 hours.
- 325. **Elements of Composition.** Prerequisites, Art 220, 245. Winter. 5 hours.

- 331. **Renaissance.** 4 hours.
- 335. **The Workshop.** 4 hours.
- 345. **The Modern Movement.** 4 hours.
- 355. **Composition in Oil or Water-Color.** 4 hours.
- 365. **Art Education with Reference to High School Teaching.** Required of all majors. 4 hours.
- 370. **(240) Art in the Twentieth Century.** 4 hours.
- 375. **Advertising Illustration.** Prerequisites, 120, 220, 245, 355. 5 hours.
- 385. **Weaving.** 3 hours.
- 385a. **Weaving.** Prerequisite, 385.

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.
- 225. **Elements of Plant Physiology.** Prerequisite, 101. 5 hours.
- 301. **The Algae.** Prerequisites, 101, 202, 203. 5 hours.
- 302. **The Bryophytes and Pteridophytes.** Prerequisites, 101, 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.
- 321. **Histological Technique.** Prerequisites, 101, 202. 5 hours.
- 325. **Plant Physiology.** Prerequisites, Botany, 210, 225, Chemistry. 5 hours.

330. **Plant Physiology.** Prerequisites, Botany 210, 225, 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 and Spring. 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, 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.

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 Shorthand.** Prerequisites, Commerce 105, 106, and 107, or equivalent. 216 Fall; 217 Winter. 4 hours. Buboltz.
220. **Handwriting Methods.** 2 hours.

- 305, 306, and 307. **Advanced Accounting.** 305 Fall; 306 Winter; 307 Spring. 4 hours. Bryant.
- 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. Spring. 4 hours. Buboltz.
- 318 (218). **Shorthand Methods.** Prerequisite, 80 words a minute speed. Spring. 4 hours. Buboltz.
325. **Business Administration.** Spring. 4 hours. Bryant.
336. **Marketing.** Fall. 4 hours. Bryant.
337. **Principles of Salesmanship.** Winter. 4 hours. Bryant.
338. **Cost Accounting.** Summer. 4 hours.
339. **Methods in Commercial Arithmetic.** Winter. 4 hours. Ogden.
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.

204. **Agricultural Economics.** Intended for agriculture students only. 5 hours. Not offered, 1942-43.
205. **Introduction to Economics.** 5 hours.
206. **Advanced Economic Problems.** Prerequisite, 204 or 205. 3 hours.
210. **An Introduction to Economic Geography.** (Geography 210.) 4 hours.
304. **Advanced Economic and Social Geography.** (Geography 304.) Prerequisites, Economics 205 and 206, Geography 210. 3 hours.
307. **Elementary Mathematical Statistics.** (Math. 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. Winter.
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. Winter.
324. **Restoration and Conservation of Natural Resources.** (Geography 324.) 4 hours.
325. **Transportation.** Prerequisites, 205 and 206. 3 hours. Not offered 1942-43.
328. **International Trade.** (Geography 328.) Prerequisites, 205 and 206. 3 hours. Not offered, 1942-43.
330. **Public Finance and Taxation.** Prerequisites, 205 and 206. 3 hours.
340. **Public Utilities.** Prerequisites, 205 and 206. 3 hours. Winter.
345. **The Principles of Insurance.** Prerequisites, 205 and 206. 3 hours. Not offered, 1942-43.
350. **History of Economic Thought.** Prerequisites, 205 and 206. 4 hours. Spring.
355. **The Economics of Consumption.** Prerequisites, 205 and 206. 3 hours. Spring.
365. **Government and Business.** Prerequisites, 205 and 206. 4 hours. Fall.
370. **Business Cycles.** Prerequisites, 205 and 206. 3 hours. Not offered, 1942-43.
380. **Economics of War.** War production, financing the military machine, control of prices, and post-war adjustment. 3 hours. Winter.
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 three to four.

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.

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305. **Advanced Educational Psychology.** Prerequisite, 206. 4 hours.
310. **Principles of Secondary Education.** Prerequisite, 305. 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.** Prerequisite, 305. 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.** Prerequisite, 305. 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.** Prerequisite, 305. 4 hours.
326. **Principles of Supervision.** Prerequisites, at least three courses in education, and teaching experience. 4 hours.
327. **Personnel Administration.** Prerequisite, 315. 2 hours.
330. **History of Education.** Prerequisite, 305. 4 hours.
331. **History of Education in the United States.** Prerequisite, 305. 4 hours.
335. **Problems in Rural Education.** Prerequisites, at least one course of Psychology and at least one course in Education. 4 hours.
336. **Field Work in Elementary Education.** Admission by consent of the instructor. 4 hours.
337. **Reading in the Elementary School.** Prerequisites, 305 and 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.** Prerequisite, 305. 4 hours.
343. **Child Development.** Prerequisite, 206. 2 hours Health Education and 2 hours Education.
345. **Psychology of Adolescence.** Prerequisite, 305. 4 hours.
350. **Mental Hygiene.** Prerequisite, 305. 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.** Prerequisite, 305. 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.** Prerequisites, 305 and 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. **Educational 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, 305, 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 nine hours of rhetoric may be included in the 48. Three of the advanced courses should be so selected that they fall both in different types and in different periods.

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, 12 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.** Study of the expository paragraph.
- 102. **Freshman Rhetoric.** Use of the library as preparatory work for the research paper. Two or three paragraph expository essays upon a thesis sentence and an outline.
- 103. **Freshman Rhetoric.** A research project with emphasis on the writing of a research paper.
- 104. **Modern Readings with Practice in Composition.** 2 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.

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.
240. **Speech Correction.** 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.
342. **Speech in the Elementary Schools.** 2 hours.
343. **Speech for the Classroom Teacher.** 2 hours.
350. **Teachers' Problems.** 3 hours.

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 prose-writers. 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.

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.

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. Latin American Culture and Politics. 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.

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 Science: 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.
- 250. **Meteorology for Pilots.** Fall, Spring. 2 hours. Barton.
- 300. **Physical Geology.** Offered in 1943-44. 4 hours.
- 301. **Structural Geology.** Offered in 1943-44. Winter. 4 hours.
- 302. **Historical Geology.** Spring. 4 hours. Van Riper.
- 303. **Economic Geology.** Offered in 1943-44.
- 304. **Advanced Economic Geography** (Economics 304). Spring. 4 hours.
- 306. **Map and Aerial Photo Reading.** 4 hours.
- 310. **Weather and Climate.** Winter. 4 hours. Barton.
- 313. **Geography of Illinois.** Offered in 1943-44.
- 314. **Geography of North America.** Spring. 4 hours.

315. **Geography of Europe.** Fall. 4 hours. Cox.
316. **Geography of South America.** Fall. 4 hours. Krause.
317. **Economic History of the United States** (Economics 317).
318. **Geography of Asia.** 4 hours. Cox.
319. **Historical Geography of the United States.** Offered in 1943-44.
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.** Winter. 4 hours. Cox.
338. **Physical Geography** (open only to in-service teachers who have not had Geography 101 or 205). Summer, 1943. 4 hours.
340. **Geography for Kindergarten and Primary Teachers.** 4 hours. Barton.
341. **Intermediate Grade Geography.** Offered in 1943-44.
342. **Junior and Senior High School Geography.** Offered in 1943-44.
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.** 3 hours.

- 231. (365) **American National Government.** 4 hours.
- 235. **Illinois State Government.** 2 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.
- 350. **Contemporary Legislation.** 4 hours.
- 360. **Public Administration.** 4 hours.
- 365. **Government and Business.** Offered jointly by the Department of Government and the Department of Economics. 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, 1500-1942.** 5 hours.
- 110A. **American History, 1775-1942.** 5 hours.
- 208. **History of Illinois.** 5 hours. Wright.
- 210. **Methods of Teach 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, 1815-1942.** 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, 1865-1942.** 3 hours. Cramer.
336. **Recent American History, 1865-1942.** 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, 1808-1942.** 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, 1850-1942.** 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 stu-

dent who wishes to complete the Smith-Hughes requirements to secure the approval of her schedules from a member of the Household Arts staff. The starred courses do not count toward the major. Household Arts Education 308 and 309 are accepted in lieu of Education 310 and 315.

- *105. **Foods and Cookery.** 3 hours. Barnes.
- 127. **Clothing.** May be taken for 3 or 4 hours' credit by non-majors. Woody.
- 135. **Textiles.** 4 hours. Woody.
- 205. **Foods and Cookery.** 4 hours. Barnes.
- 206. **Foods and Cookery.** 4 hours. Barnes.
- *220. **Food in Health.** 3 hours. Barnes.
- 224. **Housing and Furnishings.** 4 hours. Woody.
- *225. **Survey Course in Household Arts.** 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.
- 309. **Household Arts Education. Methods of Teaching Home Economics.** 4 hours. Babcock.
- 320. **Nutrition and Dietetics.** 4 hours. Barnes.
- 322. **Textiles and Clothing.** 4 hours. Woody.
- 325. **Home Management.** 3 hours. Babcock.
- 325A. **Practice 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.
- *340. **Diet and Disease.** 2 hours. Barnes.
- 360. **Advanced Dressmaking.** 3 or 4 hours. Woody.

INDUSTRIAL EDUCATION

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; 4. 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. Schroeder.
- 141. (112). **General Shop.** 4 hours. Schroeder.
- 142. **General Shop.** 4 hours. Schroeder.
- 211. **Woodwork.** 4 hours. Olson.
- 212. **Furniture Design & Construction.** 4 hours. Olson.
- 221. **Art Metal.** 4 hours. Schroeder.
- 225. **Sheet Metal.** 4 hours. Schroeder.
- 226. **General Metal.** 4 hours. Schroeder.
- 230. (203). **Elementary Handwork.** 3 hours. Schroeder.
- 231. **Laboratory of Arts & Industries.** 4 hours. Olson.
- 304. **Advanced Architectural Drawing.** 4 hours.
- 305. **Advanced Machine Drawing.** 4 hours.
- 306. **Industrial Arts Design.** 4 hours.
- 313. **Furniture Construction.** 4 hours. Olson.
- 314. **Pattern Making & Foundry.** 4 hours.
- 320. **Electrical Construction.** 4 hours.
- 322. **Machine Metal.** 4 hours. Rose.
- 323. **Machine Metal.** 4 hours. Rose.
- 324. **Machine Metal.** 4 hours. Rose.
- 333. **Problems of Industrial Education.** 4 hours.
- 337. **Organization of Industrial Education Shops and Courses.** 4 hours. Schroeder.
- 431. **Special Problems in the Arts and Industries.** 4 hours.

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.

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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.
211. **Mathematics for Primary Teachers.** 2 hours. Prerequisite, 210. Mott.
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.** 2 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.
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.
- 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.
- 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.** Prerequisites, 335, and either 320 or 312. 3 hours.
355. **Chamber Music.** 2 hours.
400. **Music Understanding.** Credit will not be given to students who have had 100. 3 hours.

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.

460, 461, 462. Fourth-Year Woodwind and Brass. Private lessons only. 1 hour each.

470, 471, 472. Private Piano. Private lessons only. 1 hour each.

490, 491, 492. Fourth-Year Voice. Private lessons only. 1 hour each.

There is a fee of twelve dollars each term for one private lesson each week. Students may take two lessons each week by paying twenty-four dollars. All students planning on private study must arrange their schedules with their instructors. A student not in residence desiring credit must pay the additional \$2.00 per quarter hour.

PHILOSOPHY

200. Approaches to Knowledge. 3 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. 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 for approximately one dollar (trunks and jersey). 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.) Four hours a week. 2 hours.

151. Physical Education. Four hours a week. Fall. 2 hours.

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152. **Physical Education.** Four hours a week. Winter. 2 hours.
153. **Physical Education.** Four 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.
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, 101B, 102A, 102B, 103, 103A, 103B, and
- (II) 219 or 219P and two (2) courses selected from the following : 201B, 202B, 203B, 210, 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 correspond 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 *.

A special group of students who have poorly developed motor skills are asked to register in courses with a "B" following the number.

Forty-two (42) hours in addition to the above listed courses is required for a major in physical education, a total of forty-eight (48) hours. Twenty-four (24) hours in addition to the above listed courses are required for a minor in physical education, a total of thirty (30) hours.

A major in this Department must include the following courses : 245, 303, 305, 306, 307, 308, 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.

- 101. Physical Education.** Volleyball and soccer. Fall. Three days a week. 1 hour.
- 101A. Individual Physical Education.** Horseshoes, roque, miniature golf, badminton and shuffleboard. Fall. 1 hour.

- 101B. **Physical Education.** Volleyball and soccer. Fall. 1 hour.
102. **Physical Education.** Basketball and folk dancing. Winter. 1 hour.
- 102A. **Individual Physical Education.** Table tennis, bowling, postural corrections. Winter. 1 hour.
- 102B. **Physical Education.** Basketball and folk dancing. Winter. 1 hour.
103. **Physical Education.** Softball, gymnastics and stunts. Spring. 1 hour.
- 103A. **Individual Physical Education.** Paddle tennis, golf, fundamental rhythms. Spring. 1 hour.
- 103B. **Physical Education.** Softball, gymnastics and stunts. Spring. 1 hour.
104. **Physical Education.** Volleyball and soccer. Fall. 1 hour.
105. **Physical Education.** Basketball and folk dancing. Winter. 1 hour.
106. **Physical Education.** Softball. Spring. 1 hour.
- 201B. **Physical Education.** Sophomore course continuation of 103B. Fall. Two days a week. 1 hour.
- 202B. **Physical Education.** Winter. 1 hour.
- 203B. **Physical Education.** Spring. 1 hour.
210. **Soccer and Volleyball.** Fall. Two days a week. 1 hour.
211. **Hockey.** Fall. 1 hour.
212. **Basketball.** Winter. 1 hour.
213. **Baseball.** Spring. 1 hour.
- *214. **Archery.** 1 hour.
- *215. **Badminton.** 1 hour.
216. **Tennis.** 1 hour.
218. **Individual Sports.** Tennis, archery, and other recreational sports. 1 hour.
- *219. **Elementary School Group Activities.** This course or 219P is required of all students preparing for elementary school teaching. Two days a week. 1 hour.
- *219P. **Primary Group Activities.** 1 hour.
- *222. **Golf.** Spring. 1 hour.
223. **Physical Education.** Tennis techniques and skills. Fall. Four days a week. 1 hour.

224. **Physical Education.** Tap and folk dancing. Winter. 1 hour.
225. **Physical Education.** Skills and techniques of archery. Spring. 1 hour.
- *230. **Folk Dancing.** Winter. Two days a week. 1 hour.
233. **Modern Dance.** Fall. 1 hour.
- *236. **Tap and Character Dancing.** Winter. 1 hour.
- *239. **Social Dancing.** Beginners only. Winter. 1 hour.
313. **Physical Education.** An activity course for all women majoring in physical education. Fall. Four days a week. 1 hour.
314. **Physical Education.** Winter. 1 hour.
315. **Physical Education.** Spring. 1 hour.
413. **Physical Education.** An activity course for all senior women majoring in physical education. Fall. Four days a week. 1 hour.
414. **Physical Education.** Winter. 1 hour.
415. **Physical Education.** 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. 4 hours.
305. **Techniques of Teaching Seasonal Sports.** Required of all majors and minors in physical education. Fall. 4 hours.
306. **Techniques of Teaching Seasonal Sports.** Winter. 2 hours.
307. **Techniques of Teaching Seasonal Sports.** Spring. 4 hours.
308. **Method of Teaching Dance.** Winter. 2 hours.
310. **Theory of Officiating.** Standards of umpiring field hockey. Fall. 1 hour.
311. **Theory of Officiating.** Basketball officiating. Winter. 1 hour.
312. **Theory of Officiating.** Standards of umpiring softball and other seasonal sports. Spring. 1 hour.
345. **Supervision of Physical Education in Rural Schools.** 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.
250. **Aeronautics I.** 6 hours. For description see page 32.
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 HEALTH EDUCATION

- 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.

- 101. **Introductory Sociology.** 5 hours.
- 201. **Sociology of Rural Life.** 3 hours. Fall. Landis.
- 202. **Social Pathology.** 4 hours. Landis.
- 210. **Cultural Anthropology.** 3 hours. Petroff.
- 215. **Population Problems.** 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.** Petroff.
- 310. **The Family.** 3 hours. Fall. Bowden.

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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.
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.** Winter. 1941-42 and alternate years. Bowden.
370. **Social Implications of Religions.** Spring. 1942-43 and alternate years. Bowden.
375. **Community Organizations.**
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, 220, 300 and 320 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.
220. Field Zoology. Prerequisites, Zoology 101 and 105. 5 hours.
300. Vertebrate Embryology. Prerequisite, Zoology 101, 201. 5 hours.
305. Comparative Anatomy of Invertebrates. Prerequisite, 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 usually be done on the high school level and 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. Until July 1, 1943, the Limited Elementary Certificate and Kindergarten-Primary Certificate will be granted. For these certificates eight quarter hours of practice are required. 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; a copy of the high-school annual; 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.

The 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 as many as twenty-four 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, seven 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, 1941-42

	Men	Women	Total	Total Registrants
Summer, 1941				1489
Freshmen	66	98	164	
Sophomores	120	178	298	
Juniors	137	307	444	
Seniors	137	187	324	
Graduates	29	32	61	
Unclassified	21	54	75	
Total residence	510	856	1366	
Extension (duplicates excluded)	15	108	123	
Fall, 1941				2286
Freshmen	406	370	776	
Sophomores	272	255	527	
Juniors	117	107	224	
Seniors	108	76	184	
Graduates	0	3	3	
Unclassified	4	3	7	
Total residence	907	814	1721	
Extension (duplicates excluded)	189	376	565	
Winter, 1941-42				2112
Freshmen	305	285	590	
Sophomores	262	276	538	
Juniors	140	112	252	
Seniors	111	97	208	
Graduates	5	3	8	
Unclassified	2	3	5	
Total residence	825	776	1601	
Extension (duplicates excluded)	131	380	511	
Spring, 1942				1853
Freshmen	248	252	500	
Sophomores	218	251	469	
Juniors	145	107	252	
Seniors	90	103	193	
Graduates	8	5	13	
Unclassified	6	6	12	
Total residence	715	724	1439	
Extension (duplicates excluded)	102	312	414	

GRADUATES, 1941

Bachelor of Education Degree

Eugene Lee Aiassi	Pauline Fellinger
Dennis Merrill Aldridge	Ella Bristow Fields
Mary Louise Anderson	Carl Mann Forrester
Melvin Applebaum	Wanda Sizemore Fowler
Joseph Delford Armistead	Arthur Franks, Jr.
Laura Elizabeth Arnette	V. David Frederick
Marie Baker	James B. Fulton
Taft Baker	Elmer Furlow
Wade Franklin Baker	Charles Raymond Gardner
William Robert Baker	Edna A. Garlich
Loretta Cox Barger	Carl N. Garrett
Loy Barger	Margaret Garrison
Troy Barrett	Anne Garson
Mary Barstis	Glenn M. Gaston
Dolores Marianne Beil	Anna Mae Gebauer
Velsie Anita Belford	Carl C. George
B. Gladys Berndt	Estelle Gersenslager
William Carl Bird	Glen Joseph Goddard
Ray Bjorklund	Laura Lee Goddard
Anna Bonaudo	Robert Gray
Genevieve Lorene Bowyer	William Holland Groves
Charles M. Bozarth	Betty Ellen Gum
Ruth Bozarth	Lauralee Gustin
Wilburn Anderson Bozarth	Laverne Gwaltney
Emelyn Mildred Brehm	Hope Hamilton
Cornelius Evans Brewer	Wayne A. Hammack
Irene Veron Brock	Fern Gruber Harbison
Bill Brown	Lois Elizabeth Hargis
Leota Jeanne Brown	June Imol Elizabeth Heinlein
Wilma Grace Brown	Vernice Criley Heinz
Homer Charles Brush	Walter Ernest Heinz
Sadie Bryant	Guy A. Henry, Jr.
Kate Bunting	Alfred Eudell Hickman
Forest Mills Buxton	Max Welborn Hill
Marian Bynum	Samuel A. Hill
Mildred Nilette Campbell	Eleanor Hodge
Lillie Elizabeth Carroll	Clifford P. Hooker
Josephine Frederick Casper	Mabel Penry Howell
Ruth Elizabeth Casper	Wilma Ruth Hughes
James Curtis Chandler	Jean Sutliff Hunsaker
John H. Clayton, Jr.	Mildred Irwin
Eileen Margaret Clements	Clifford Arthur Iubelt
Ruth Amanda Cochran	Kathleen James
Calvin Cleates Cole	Margaret M. James
Virginia Whitacre Collard	Mary C. Jarvis
Clarence Fred Copple	Warren Gates Jennings
Blanche Cox	Mary Ellen Johns
William Jackson Cox	Walter Carleton Johnson
Beulah Chamness Crenshaw	Charles Edwin Jones
Wilson Walter Crim	Merna Rosemary Kanady
Allen Mathew Curtis	Marifrances Kaul
Evelyn Daily	William Junior Keim
Arthur Dameron	Eileen Keiner
Maurice W. Davenport	Virginia Kell
Edith Lorraine Davis	Charlotte Willmetta Keller
Lee Davis	Max E. Keough
Madge Rose Davis	Steve Krisfalusy
Millegge M. Davis	Mildred A. Krughoff
Samuel Walter Davis	George D. Langdon
Earl H. Dawes	Geraldine Lannom
Joseph Carroll Deaton	Virginia Kathleen Lauderdale
Omer Wayne DeJarnett	Ewing Charles Lawrence
Dean J. DeLay	Esther Laverne Lee
Monroe Deming	Fern Opal Lee
Helen Marie Dial	Marcella Lewis
Leota Jeannette Dickson	Thelma M. Lewis
Mary Irene Dillow	William Everett Lipsey
William Eugene Dillow	Tophelia Lorinski
Dorothy Ann Doty	Elda Marie Lucht
Alma Downen	Steven Francis Major
Adelaide S. Dunn	Henry Clyde Mannie
Leo A. Eason	Harry C. Marberry, Jr.
Edith Edrington	John P. May
Joseph T. English	Sarah Ellen Maynard
Neal Eubanks	Esther Marie McCambridge
Mary Ellen Evans	Thelda Maxine McDill
	Denver Ward McDonald

Carl G. McIntire
Margaret McNeile
Eugene S. McReynolds
Virginia Marie Meyer
Georgia Louise Miller
Eva Jane Milligan
Altha Lee Moore
Charles Edward Morgan
Frances G. Morgan
Joseph S. Morris
Odell Moseley
Claudia Mae Mosley
Freda Olivia Mosley
Ernest R. Moss
Emma Christine Muser
Dorothy Janet Niedringhaus
Lenell Norton
Mary Margaret Ogden
Verna L. McKinney Oglesby
George Oliver
Geraldine Osterholtz
Clifford Eugene Owen
Vincent J. Pantaleo
Florence Claire Patterson
Melvin J. Paul
Dorothy Ann Pemberton
Winifred Harris Perry
Goodwin G. Petersen
Maurine Pillow
Loren E. Pinson
Wilhelmina Poelman
Charles Pratt
James Edward Price
William Henry Pryor
Elmo Purdy
Edith A. Rainey
Joseph F. Rayna
Dorothy Ann Redmond
Lou Ellen Reeves
Wilbur R. Rice
Maxine Helen Richards
Thelma S. Roberson
Charles Edward Roberts
Samuel Walter Roberts
Harold Robertson
Thelma Robertson
Charles E. Rogers
Edward A. Rogers
Glenn Elza Rogers
Irene Lester Rondeau
Edward Glenn Rountree
Winnie Calhoun Rowe
Roy Edward Rude
Pete Sabella
Arthur A. Samford
Vera Beth Schmidt
Dorothy Eve Schuster
Alby Sharknas
Saralee Shook
Claude H. Simpson
James Morton Smith
Lois Lee Smith
Robert A. Smith
Theda Zell Smith
Mary Kathryn McMillan Spitzner
Marshall E. Stelzriede
Annis Imogene Stewart
Charles Henry Stief
Albert Clifton Storme
Esther Claire Struckmeyer
Alberta Wells Swank
G. Walter Syfert
Noah F. Tapley
William F. Tate
Raymond Ira Thom
James E. Thompson
Paul H. Tippy
Ruby Lee Tomlinson
Arthur Leo Towns
Daisy Reva Turner
Harry E. Tuthill
Marjorie A. VanBibber
Gerald Veach
June K. Vick
Charles Eugene Vickery
Florence Olive Wade
Arthur L. Washington, Jr.
Margaret Kathryn Webb
Irma Whisler
Kenneth A. Whisler
Elrenia Kathryn White
Ellen Todd Whitney
Francis Allison Whitney
Alice Wiedeman
Margaret Lou Wiley
Clara Williams
Howard Lamont Williamson
Winona Winters
Gladys Allene R. Wright
James Edward York
Earl A. Yund
Harriet M. Zerweck

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