

1-1929

College Catalogue 1928-1929

Iowa State Teachers College

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BULLETIN
OF THE
**Iowa State Teachers
College**

CEDAR FALLS, IOWA

CATALOGUE
1928-1929
Including Announcements for 1929-30

VOLUME XXX, NUMBER I
JANUARY, 1929

Issued Quarterly. Published by the Iowa State Teachers College.
Entered as second-class mail matter, August 31, 1912, at the
postoffice at Cedar Falls, Iowa, under the Act of
August 24, 1912

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IOWA STATE TEACHERS COLLEGE

CEDAR FALLS, IOWA

STATE BOARD OF EDUCATION

OFFICERS OF THE BOARD

GEO. T. BAKER, Davenport, President.
W. H. GEMMILL, Des Moines, Secretary.

MEMBERS OF THE BOARD

GEORGE T. BAKER, Davenport
W. C. STUCKSLAGER, Lisbon
ANNA B. LAWThER, Dubuque } Term expires July 1, 1929.

C. C. SHEAKLEY, New Hampton
HENRY C. SHULL, JR., Sioux City
*CLAUDE R. PORTER, Des Moines } Term expires July 1, 1931.

E. P. SCHOENTGEN, Council Bluffs
GEORGE W. GODFREY, Algona
MRS. PAULINE L. DEVITT, Oskaloosa } Term expires July 1, 1933.

FINANCE COMMITTEE

Office, Des Moines

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W. H. GEMMILL, Des Moines, Secretary
J. W. BOWDISH, Des Moines

FACULTY COMMITTEE

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CLAUDE R. PORTER
GEORGE T. BAKER

THE BUILDING AND BUSINESS COMMITTEE

E. P. SCHOENTGEN
GEORGE W. GODFREY
MRS. PAULINE LEWELLING DEVITT
C. C. SHEAKLEY
GEORGE T. BAKER

* Resigned

CALENDAR FOR 1929-1930

Summer Term, 1929—Twelve Weeks

1929

- June 5, Wednesday—Registration, 7:00 a. m. to 5:00 p. m.
June 6, Thursday—Instruction begins 8:00 a. m.
July 4, Thursday—Independence Day; classes suspended.
Aug. 23, Friday—Convocation, term ends 5:00 p. m.

Fall Term, 1929—Twelve Weeks

- Sept. 9, Monday—Freshman registration, 8:00 a. m. to 5:00 p. m.
(All students enrolling for the first time should report at the auditorium promptly at 8:00 a. m.)
Training School opens at 9:00 a. m.
Sept. 10, Tuesday—Registration of upper classmen, 8:00 a. m. to 5:00 p. m.
Sept. 11, Wednesday—Instruction begins, 8:00 a. m.
Nov. 27, Wednesday—Convocation; term ends 5:00 p. m.

Winter Term, 1929-30—Twelve Weeks

- Dec. 2, Monday—Registration, 8:00 a. m. to 5:00 p. m.
Dec. 3, Tuesday—Instruction begins, 8:00 a. m.
Dec. 20, Friday—Holiday recess begins, 12:00 M.
1930
Jan. 6, Monday—Instruction resumed, 8:00 a. m.
Mar. 7, Friday—Convocation; term ends 5:00 p. m.

Spring Term, 1930—Twelve Weeks

- Mar. 10, Monday—Registration, 8:00 a. m. to 5:00 p. m.
Mar. 11, Tuesday—Instruction begins, 8:00 a. m.
May 30, Friday—Memorial Day; classes suspended.
June 2, Monday—Term ends; Commencement 9:00 a. m.

Summer Term, 1930—Twelve Weeks

- June 3, Tuesday—Registration, 7:00 a. m. to 5:00 p. m.
June 4, Wednesday—Instruction begins, 8:00 a. m.
July 4, Friday—Independence Day, classes suspended.
Aug. 22, Friday—Convocation; term ends 5:00 p. m.

Fall Term, 1930—Twelve Weeks

- Sept. 8, Monday—Opening of the Term.

OFFICERS OF ADMINISTRATION AND INSTRUCTION 1928-29

IOWA STATE NORMAL SCHOOL, 1876-1909
IOWA STATE TEACHERS COLLEGE, 1909

Officers of Administration

- ORVAL RAY LATHAM, B. A., State University of Iowa, 1911; M. A. 1919; Ph. D.,
1928
President, 1928*
- HOMER H. SEERLEY, B. Ph., State University of Iowa, 1873; M. A., 1876; LL. D.,
Penn College, 1898; LL. D., State University of Iowa, 1901
President Emeritus, 1886 (1928)
- CHARLES S. CORY, B. S., State University of Iowa, 1902
Registrar and Examiner, 1907 (1913)
- LESLIE I. REED, B. Ph., State University of Iowa, 1903; M. A., 1906
Dean of Men and Supervisor of Freshmen, 1916 (1924)
- BENJAMIN BOARDMAN, B. Ph., State University of Iowa, 1901
Financial Secretary, 1917
- MARION McFARLAND WALKER, B. L., Ferry Hall, 1880; B. A., Iowa State
Teachers College, 1912
Dean of Women, 1890 (1908)
- MARY E. HAIGHT, Home Economics diploma, Bradley Polytechnic Institute, 1908;
Stout Institute, summer, 1909; Columbia University, summer, 1915
Head of Bartlett Hall, 1916 (1921)
- ELIZABETH MAXWELL, B. Ph., Penn College, 1911; M. S., State University of
Iowa, 1916
Assistant Dean of Women, 1927
- JAMES E. ROBINSON
Superintendent of Construction and of Buildings and Grounds, 1901
- ROGER LEAVITT, B. A., Beloit College, 1882; M. A., 1885
Treasurer, 1919
- FRANK N. MEAD, M. D., State University of Iowa, 1893; M. D., University of
Pennsylvania, 1895
Health Director and Professor of Physical Education, 1920 (1926)
- GEO. A. BAIRNSON, M. D., University of Illinois, 1919
Assistant Health Director, 1924
- MRS. BIRDIE BICKLEY, R. N.
Director of the Hospital and Head Nurse, 1925

* A single date following title indicates the beginning of service at the Iowa State Teachers College. If two dates are given, the first indicates the beginning of service at the College and the second (in parentheses) the beginning of service in present rank.

Officers of Instruction*

Education

- G. W. WALTERS, B. S., Iowa Wesleyan College, 1879; M. S., 1882
Head of Department of Education, 1895 (1916)
- HUGH S. BUFFUM, B. A., State University of Iowa, 1901; M. A., 1902; Ph. D., 1906
Professor of Education, 1914
- JOHN W. CHARLES, B. A., Friends University, 1903; B. A., Haverford College, 1904;
M. A., 1908; Ph. D., State University of Iowa, 1926
Professor of Education, 1916 (1917)
- †MAY SMITH, B. A., Coe College, 1905; University of Chicago, 4 quarters, 1917-20
Professor of Education, 1916 (1921)
- JOSEPH B. PAUL, B. S., Valparaiso University, 1908; B. A., Indiana University,
1911; M. A., University of Wisconsin, 1914; University of Wisconsin, 1914-15,
1915-16
Professor of Education, 1916 (1917)
- E. W. GOETCH, B. A., State University of Iowa, 1910; M. A., 1916; Ph. D., 1925
Professor of Education, 1918 (1921)
- AMY F. AREY, B. Ph., Grinnell College, 1899; B. S., Columbia University, 1905;
M. A., 1906
Professor of Education, 1919 (1921)
- E. O. FINKENBINDER, B. A., University of Illinois, 1910; M. A., Clark University,
1911; Ph. D., 1913
Professor of Education, 1921
- ROBERTSON RILEY HOLLINGSWORTH, B. A., University of Washington, 1915;
M. A., 1916; M. A., Columbia University, 1921; University of Chicago, 1923-24,
1924-25
Professor of Education, 1921 (1922)
- J. A. WILEY, B. A., Southeast Missouri State Teachers College, 1912; B. S., Univer-
sity of Missouri, 1916; M. A., 1917; Teachers College, Columbia University, sum-
mers, 1918 and 1919; University of Chicago, 1920-21
Professor of Education, 1922 (1923)
- CHARLES O. TODD, B. A., Indiana University, 1911; M. A., University of Chicago,
1916
Professor of Education, 1922 (1924)
- E. C. DENNY, B. A., Indiana University, 1915; M. A., University of Chicago, 1916;
University of Chicago, summers, 1916 and 1922
Professor of Education, 1923 (1924)
- M. J. WILCOX, B. S., Cornell College, 1914; M. A., State University of Iowa, 1917;
Columbia University, 1922-23
Professor of Education, 1922 (1926)
- M. J. NELSON, B. A., Luther College, 1916; M. A., University of Wisconsin, 1924;
Ph. D., 1928
Professor of Education, 1924 (1926)

* Names of members of each departmental staff, other than the head, are arranged according to institutional seniority.

† On leave of absence

- A. W. HOYT, B. S., Iowa State College, 1894; M. A., University of Colorado, 1923; University of Iowa, 1923-24
Professor of Education, 1924 (1926)
- A. E. BROWN, B. S., Baker University, 1909; M. A., Yale University, 1910; University of Chicago, 2 quarters, 1915-22; State University of Iowa, 1923-24
Professor of Education, 1924 (1926)
- D. P. PHILLIPS, B. A., Upper Iowa University, 1915; M. A., State University of Iowa, 1923; State University of Iowa, 1923-24
Professor of Education, 1924 (1926)
- †H. A. RIEBE, B. Ph., University of Wisconsin, 1923; M. Ph., 1923; University of Wisconsin, 1923-24
Professor of Education, 1925 (1926)
- CARRIE E. M. BURKS, B. S., Columbia University, 1915; M. A., 1925; University of Chicago, summer, 1928
Instructor of Education, 1928

English

- SAMUEL A. LYNCH, B. L., University of Missouri, 1892; M. A., University of Chicago, 1900; University of Chicago, spring quarter, 1916
Head of Department of English, 1909
- EVA L. GREGG, B. A., Iowa State Teachers College, 1910; Harvard University, summer, 1915; Columbia University, summer, 1918
Assistant Professor of English, 1895 (1897)
- LAURA E. FALKLER, Chicago Woman's Medical College, 1881-82; Dillenbeck's School of Oratory, 1893-95; Y. W. C. A. Training School, Kansas City, Mo., summers, 1893, 1895 and 1896
Assistant Professor of English, 1896 (1905)
- JENNETTE CARPENTER, B. A., Cornell College, 1885; M. A., 1888; Chicago University, 1893-94; Harvard University, summers, 1902 and 1903; Berlin University, 1910-11; Oxford University, summer, 1911
Professor of English, 1899 (1904)
- ‡BERTHA MARTIN, Professional Course, Columbia College of Expression, 1894
Professor of Oral Interpretation, 1905
- LILLIAN V. LAMBERT, B. S., Penn College, 1889; B. Ph., University of Chicago, 1895; M. Ph., 1906; Oxford University, summer, 1905; Bryn Mawr College, 1906-07; Columbia University, summer, 1923
Professor of English, 1907 (1909)
- W. B. FAGAN, B. A., Earlham College, 1910; M. A., University of Kansas, 1915; Johns Hopkins University, 1926-27
Professor of English, 1915 (1919)
- ANNA MARIE SORENSON, B. A., State University of Iowa, 1907; M. A., 1912; University of Chicago, fall quarter, 1920; Columbia University, summer, 1923
Professor of English, 1918 (1923)
- IDA C. ROHLF, B. A., Iowa State Teachers College, 1915; M. A., State University of Iowa, 1923; University of Chicago, summer quarter, 1928
Assistant Professor of English, 1919 (1926)
- FLORENCE E. FREEMAN, B. A., Iowa State Teachers College, 1908; University of Chicago, winter quarter, 1925
Assistant Professor of English, 1922 (1923)
- SELINA M. TERRY, B. Ph., Hamline University, 1903; M. A., 1907; State University of Iowa, 6 summers and 1918-19; Radcliffe College, 1921-22
Professor of English, 1922 (1923)

† On leave of absence

‡ Deceased

- †HAZEL B. STRAYER, B. A., Iowa State Teachers College, 1914; M. A., Columbia University, 1923
Professor of Oral Interpretation, 1922 (1923)
- KATHERINE BUXBAUM, B. A., State University of Iowa, 1908; M. A., University of Chicago, 1924; University of North Carolina, spring quarter, 1928
Assistant Professor of English, 1924 (1927)
- PHILLA SLATTERY, B. Ph., University of Chicago, 1923; M. A., 1924
Instructor of English, 1926
- WINIFRED M. TUTTLE, B. A., Iowa State Teachers College, 1920; M. A., University of Chicago, 1928
Instructor of Oral Interpretation, 1927
- MRS. S. JEAN BRADY JONES, B. A., Huron College, 1918; M. A., Boston University, 1926
Instructor of English, 1927
- W. A. BRINDLEY, B. A., University of Wisconsin, 1907; M. S., Iowa State College, 1918
Professor of Public Speaking, 1927

Latin, Greek and German

- FRANK IVAN MERCHANT, B. A., Shurtleff College, 1880; M. A., University of Berlin, 1890; Ph. D., 1890
Head of Department of Latin, Greek and German, 1907 (1927)
- EDNA O. MILLER, B. A., Iowa State Teachers College, 1918; M. A., Columbia University, 1924
Assistant Professor of Latin, 1924 (1927)
- ANNA DOFFING, B. A., Iowa State Teachers College, 1914; M. A., State University of Iowa, 1917; Northwest Missouri State Teachers College, summer, 1918; University of Wyoming, summer, 1919; University of Wisconsin, summer, 1926
Instructor of German, 1926
- JOSEF SCHAFER, Ph. D., University of Freiburg, 1924
Instructor in German and Latin, 1926

Romance Languages

- INGEBRIGT LILLEHEI, B. A., University of Minnesota, 1908; M. A., 1909; Ph. D., University of Illinois, 1914
Head of Department of Romance Languages, 1918 (1925)
- ISABEL THOMES, B. A., University of Kansas, 1912; M. A., University of Michigan, 1924
Professor of Romance Languages, 1918 (1924)
- HOMER C. HADDOX, B. A., Ohio State University, 1913; M. A., 1917
Assistant Professor of Romance Languages, 1923
- MILDRED DYER, B. A., Drake University, 1908; Bryn Mawr College, 1911-12; University of Marburg, summer, 1912; University of Wisconsin, summers, 1915 and 1916; University of California, summer, 1917; University of Washington, summer, 1918; Diplôme, University of Grenoble, 1922; University of the Sarbonne, 1922-23
Assistant Professor of Romance Languages, 1923 (1925)
- MARY ADELIN SHORT, B. A., Indiana University, 1922; Indiana University, summers, 1923, 1924, 1925 and 1926
Instructor in Romance Languages, 1924

Mathematics and Commercial Education

- IRA S. CONDIT, B. A., Parsons College, 1886; M. A., 1889; University of Chicago, summers, 1906, 1908 and 1909
Head of Department of Mathematics and Commercial Education, 1898 (1922)

† On leave of absence

- HARRY C. CUMMINS, B. Di., Iowa State Teachers College, 1898
Professor of Commercial Education, 1898 (1922)
- EMMA F. LAMBERT, B. Ph., State University of Iowa, 1904; University of Chicago, summers, 1914 and 1916; Columbia University, summer, 1928
Professor of Mathematics, 1901 (1915)
- ROBERT D. DAUGHERTY, B. Ph., Iowa Wesleyan College, 1910; State University of Iowa, summer, 1912; 1916-17
Professor of Mathematics, 1913 (1919)
- CHARLES W. WESTER, B. S., University of California, 1908; M. A., University of Washington, 1911; University of Chicago, 1911-13
Professor of Mathematics, 1916 (1918)
- E. E. WATSON, B. S., State University of Iowa, 1905; M. S., 1905; University of Chicago, summers, 1906, 1907 and 1908
Professor of Mathematics, 1920
- GEORGE R. MACH, B. S., University of Illinois, 1921; M. S., 1922
Professor of Commercial Education, 1923 (1926)
- MYRTLE E. GAFFIN, B. A., Iowa State Teachers College, 1923; M. Di., 1927; State University of Iowa, summer, 1928
Instructor of Commercial Education, 1923
- R. O. SKAR, B. A., St. Olaf College, 1916; M. A., 1919
Professor of Commercial Education, 1924 (1926)
- JULIA M. MYERS, B. A., Iowa State Teachers College, 1924
Instructor of Commercial Education, 1924

Physics and Chemistry

- LOUIS BEGEMAN, B. S., University of Michigan, 1889; M. S., 1897; Ph. D., University of Chicago, 1910
Head of Department of Physics and Chemistry, 1899 (1912)
- S. FREEMAN HERSEY, B. Ph., Beloit College, 1892; Harvard University, summer, 1903; University of Wisconsin, summer, 1912
Professor of Physics, 1899 (1904)
- ROBERT W. GETCHELL, B. A., Iowa State Teachers College, 1911; M. S., University of Wisconsin, 1914; University of Wisconsin, 1919-20
Professor of Chemistry, 1909 (1912)
- O. B. READ, B. Ph., Hillsdale College, 1902; M. A., University of Wisconsin, 1910; University of Illinois, 1917-18
Professor of Chemistry, 1913 (1918)
- W. H. KADESCH, B. S., Ohio Wesleyan University, 1906; M. Ph., University of Chicago, 1910; Ph. D., 1915
Professor of Physics, 1921

Natural Science

- EMMETT J. CABLE, B. S., Cornell College, 1900; M. S., 1903; Ph. D., State University of Iowa, 1917
Head of Department of Natural Science, 1905 (1917)
- ALISON E. AITCHISON, B. S., State University of Iowa, 1907; M. S., University of Chicago, 1913
Professor of Natural Science, 1903 (1914)
- ROY L. ABBOTT, B. A., Iowa State Teachers College, 1915; M. S., University of Wisconsin, 1917; Ph. D., 1925
Professor of Natural Science, 1916 (1920)
- WINFIELD SCOTT, B. Ed., Illinois State Normal University, 1913; B. S., University of Illinois, 1916; M. S., 1918; Ph. D., Iowa State College, 1925
Professor of Natural Science, 1918 (1919)

- H. EARL RATH, B. S., Iowa State College, 1916; M. S., 1922
Professor of Natural Science, 1921 (1923)
- MARGUERITE UTTLEY, B. A., Iowa State Teachers College, 1915; M. S., University of Chicago, 1921
Professor of Natural Science, 1921 (1923)
- C. W. LANTZ, B. A., University of Illinois, 1913; M. A., 1914; Ph. D., 1925
Professor of Natural Science, 1921
- O. R. CLARK, B. A., University of Nebraska, 1916; M. A., 1921
Professor of Natural Science, 1922 (1925)
- VERA ESTA RIGDON, B. A., University of Nebraska, 1921; M. A., University of California, 1923
Assistant Professor of Natural Science, 1923
- WINIFRED M. GILBERT, B. S., Iowa State College, 1918; M. S., 1921
Assistant Professor of Natural Science, 1923 (1928)
- BELVA L. SWALWELL, B. S., State University of Iowa, 1923; M. A., 1924; Columbia University, summer, 1927
Assistant Professor of Natural Science, 1924
- JOHN S. HODGES
Taxidermist, 1923

Social Science

- M. R. THOMPSON, B. A., Western Union College, 1913; M. A., State University of Iowa, 1915; Ph. D., 1917
Head of Department of Social Science, 1921 (1923)
- SARA M. RIGGS, B. L., University of Michigan, 1894
Professor of History, 1887 (1922)
- MARY B. HUNTER, B. A., Iowa State Teachers College, 1912; M. A., University of Chicago, 1918; summer, 1923
Professor of Government and Economics, 1918 (1921)
- WARREN L. WALLACE, B. A., University of Michigan, 1907; M. A., University of Minnesota, 1918
Professor of Government, 1920
- GEORGE C. ROBINSON, B. A., University of Wisconsin, 1916; M. A., Harvard University, 1920; Stanford University, summer, 1921; Harvard University, 1921-22
Professor of Government, 1922
- MILDRED J. SHARP, B. A., State University of Iowa, 1920; M. A., 1922; University of Chicago, 1927-28
Professor of Social Science, 1923 (1928)
- HARRY J. O'NEILL, B. A., University of Nebraska, 1919; M. A., Columbia University, 1922; Ph. D., University of California, 1927
Professor of Economics, 1925 (1927)
- CARL H. ERBE, B. A., Iowa State Teachers College, 1920; M. A., State University of Iowa, 1924; Ph. D., 1925
Professor of Government, 1925 (1926)
- JOHN DUMONT GEMMILL, B. A., State University of Iowa, 1920; M. A., Columbia University, 1923; Drake University, 1923-24; Columbia University, 1924-26
Professor of Government and Economics, 1926 (1927)
- FRED W. WELLBORN, B. A., Baker University, 1918; M. A., University of Kansas, 1923; Ph. D., University of Wisconsin, 1926
Professor of History, 1926 (1927)

Art and Manual Arts

- CHARLES H. BAILEY, B. S. in C. E., State University of Iowa, 1895; B. S., Columbia University, 1903
Head of Department of Art and Manual Arts, 1905 (1922)

- BERTHA L. PATT, Des Moines Academy of Art, summers, 1889, 1890, 1891, 1892 and year 1893-94; New York Art Students' League, 1894-95 and 1898-99; New York University, summer, 1916
Professor of Art, 1895 (1904)
- HENRIETTA THORNTON, Granville Female College, 1879-80; Northwestern University, 1880-82; Chicago Art Institute, 1882-84; Cincinnati Academy of Fine Arts, 1884-85; Pratt Institute, 1891-92
Professor of Art, 1895 (1922)
- CLARK H. BROWN, Manual Arts Diploma, Iowa State Teachers College, 1908
Assistant Professor of Manual Arts, 1906 (1916)
- EFFIE SCHUNEMAN, Prang Art School, summer, 1903; Chicago Art Institute, summer, 1905; Normal Art Diploma, Pratt Institute, 1914
Professor of Art, 1911 (1921)
- CORLEY AGNES CONLON, Art Diploma, Iowa State Teachers College, 1919; Diploma of Fine Arts, Pratt Institute, 1922
Professor of Art, 1919 (1927)
- AGNES B. COLE, B. Ph., University of Chicago, 1928
Assistant Professor of Art, 1921
- HAROLD G. PALMER, B. A., Iowa State Teachers College, 1924
Instructor of Manual Arts, 1924
- MRS. IRIS BRANAGAN, B. A., Miami University, 1914; M. A., University of Chicago and Chicago Art Institute, 1927
Assistant Professor of Art, 1928

Music

- C. A. FULLERTON, B. Di., Iowa State Teachers College, 1889; M. Di., 1890; University of Chicago, 1896-97
Head of Department of Music, 1897 (1909)
- GEORGE W. SAMSON, JR., Iowa State Teachers College, 1900-04
Professor of Organ, 1916 (1923)
- MRS. ELIZABETH BURNEY SCHMIDT, Voice Diploma, Iowa State Teachers College, 1911; Northwestern University, summer, 1922
Professor of Music and Voice, 1917
- WILLIAM E. HAYS, B. Di., Iowa State Teachers College, 1912
Professor of Voice and Public School Music, 1921 (1925)
- ROSE LENA RUEGNITZ, B. M., Northwestern University, 1920
Professor of Piano, 1923 (1925)
- ALTA FREEMAN, Diploma, New England Conservatory of Music, 1912
Professor of Piano, 1923 (1925)
- ALPHA CORINNE MAYFIELD, B. S., Northeast Missouri State Teachers College, 1918; Public School Music Diploma, Columbia University, 1924
Instructor of Music, 1924
- LUTHER A. RICHMAN, Diploma in Public School Music, Northwestern University, 1915; Artist's Diploma in Voice and Public School Music Diploma, Cincinnati Conservatory of Music, 1921; B. A., Northwest Missouri State Teachers College, 1924
Professor of Voice, 1925
- OLIVE L. BARKER, Public School Music Diploma, Iowa State Teachers College, 1920
Instructor of Voice and Public School Music, 1926
- NAOMI EVANS, Music Diploma, Northwestern University, 1923; University of Colorado, summer, 1925; Northwestern University, summer, 1926
Instructor of Piano, 1926

IRVING WOLFE, B. A., Iowa State Teachers College, 1925; Voice Diploma, 1928
Instructor of Public School Music, 1926

Orchestral Music

EDWARD KURTZ, B. M., Detroit Conservatory, 1907; M. M., Cincinnati Conservatory, 1927

Head of Department of Orchestral Music, 1924

F. L. McCREARY, Studied with Max P. Arnheim, Leipzig, 1896-97, Jeremiah Simpson, Knellar Hall, 1897-98, C. A. Hewitt, Dana's Institute, 1899-1900
Professor of Orchestral Music and Band Conductor, 1914 (1921)

ROLAND SEARIGHT, B. A., Grinnell College, 1922
Instructor of Violoncello and String Bass, 1927

MARLYS SCHWARCK, B. A., Iowa State Teachers College, 1926; Piano Diploma, 1927; Violin Diploma, 1928
Instructor of Orchestral Music, 1927

HELENE CATHARINE POSSNER, B. A., University of Nebraska, 1918; B. M., 1922; American Conservatory, 1922-24; New England Conservatory, 1926-27
Instructor of Violin, 1928

Physical Education for Women

MONICA R. WILD, B. A., Iowa State Teachers College, 1912; Battle Creek Normal School of Physical Education, summer, 1913; Chicago Normal School of Dancing, summers, 1918 and 1919; Columbia University, summer, 1922; University of Wisconsin, summer, 1923
Professor of Physical Education for Women and Acting Head of Department, 1913 (1926)

DORIS E. WHITE, B. A., Simpson College, 1911; M. Di., Iowa State Teachers College, 1914; Chicago Normal School of Dancing, summer, 1919; Columbia University, summer, 1922
Professor of Physical Education for Women, 1915 (1920)

GRACE VAN NESS, B. A., Cornell College, 1911; M. Di., Iowa State Teachers College, 1919; Columbia University, summer, 1922; State University of Iowa, summer, 1926
Assistant Professor of Physical Education for Women, 1919 (1921)

RHEA B. WAHLE, B. S., Iowa State College, 1920; M. S., University of Wisconsin, 1924; State University of Iowa, summer, 1926
Assistant Professor of Physical Education for Women, 1924 (1927)

DOROTHY HUMISTON, B. A., University of Minnesota, 1920; M. A., Columbia University, 1925
Assistant Professor of Physical Education for Women, 1924 (1925)

HARRIETTE EGAN, B. A., Iowa State Teachers College, 1925; State University of Iowa, summer, 1926
Instructor of Physical Education for Women, 1925

MRS. L. GENEICE HOLLIS HOFFMAN, B. A., Iowa State Teachers College, 1923; University of Wisconsin, summer, 1923
Assistant Professor of Physical Education for Women, 1926

DOROTHY MICHEL, B. S., University of Minnesota, 1924
Instructor of Physical Education for Women, 1927

MAUDE E. MOORE, B. A., Iowa State Teachers College, 1927
Instructor of Physical Education for Women, 1927

MRS. JANE BURKHOLDER PETTIT, B. A., Iowa State Teachers College, 1928
Instructor of Physical Education for Women, 1928

EMILY MEARES, B. S., Converse College, 1925; Certificate of Physical Education and Hygiene, Wellesley College, 1928
Instructor of Physical Education for Women, 1928

Physical Education for Men

- L. L. MENDENHALL, L. L. B., State University of Iowa, 1917
Professor of Athletics for Men and Acting Head of Department, 1921 (1926)
- PAUL F. BENDER, B. A., State University of Iowa, 1918; State University of Iowa, summer, 1921
Assistant Professor of Physical Education and Coach of Athletics for Men, 1921
- ARTHUR DICKINSON, B. A., Iowa State Teachers College, 1917; University of Illinois, summer, 1922
Assistant Professor of Physical Education and Coach of Athletics for Men, 1924
- LAWRENCE W. WHITFORD, B. A., Iowa State Teachers College, 1924; University of Wisconsin, summer, 1925
Assistant Professor of Physical Education and Coach of Athletics for Men, 1926

Home Economics

- ANNA LEE LEGGETT, B. S., Columbia University, 1910; M. A., 1921
Head of Department of Home Economics, 1921
- LUELLA OVERN, B. A., State University of Iowa, 1920; M. S., University of Chicago, 1926
Professor of Home Economics, 1925 (1928)
- BERNICE ALLEN, B. S., Columbia University, 1926
Professor of Home Economics, 1926 (1928)
- LOU R. DILLON, B. S., Central Missouri State Teachers College, 1923; M. A., Columbia University, 1927
Professor of Home Economics, 1927 (1928)

Teaching

- EVA MAY LUSE, B. A., State University of Iowa, 1906; M. A., 1910, Ph. D., 1925
Head of Department of Teaching, 1906 (1919)
- E. GRACE RAIT, B. A., Iowa State Teachers College, 1920; M. A., Columbia University, 1927
Supervising Critic, 1914 (1916)
- †EULALIE TURNER, B. S., State University of Iowa, 1922
Critic of Teaching, 1914 (1923)
- ROSE L. HANSON, B. S., University of Nebraska, 1920; Oregon State Agricultural College, summer, 1923; State University of Iowa, summers, 1927 and 1928
Supervisor of Teaching, 1920
- MARNA PETERSON, B. Ph., University of Chicago, 1913; M. A., Columbia University, 1925
Supervisor of Teaching, 1920
- SELMA SCHUMANN, B. A., Iowa State Teachers College, 1928
Critic of Teaching, 1921
- †MINNIE LEIGH BOURLAND, University of Chicago, summers, 1908 and 1910; University of Tennessee, summer, 1909; University of Colorado, summer, 1911; Columbia University, summer, 1912
Critic of Teaching, 1921
- LOUISE HEARST, B. A., Iowa State Teachers College, 1921; University of Chicago, 4 quarters, 1924-28
Critic of Teaching, 1921 (1926)
- MARY P. CALDWELL, B. A., Iowa State Teachers College, 1919; M. A., Columbia University, 1926
Critic of Teaching, 1921 (1926)

† On leave of absence

- MARGUERITE REESE, B. A., Iowa State Teachers College, 1927
Critic of Teaching, 1922 (1924)
- MINNIE E. STARR, Diploma, Detroit Conservatory of Music, 1895; Diploma, Thomas Normal Training School, 1898; Northwestern University, 1926-27
Supervisor of Teaching, 1922 (1927)
- EDNA MANTOR, B. A., Iowa State Teachers College, 1927
Critic of Teaching, 1923
- CYRIL L. JACKSON, B. A., Grinnell College, 1913; M. A., State University of Iowa, 1924; State University of Iowa, summer, 1924
Supervisor of Teaching and High School Principal, 1924
- †EDITH L. BARBER, B. S., Columbia University, 1924
Critic of Teaching, 1924
- ANNABELLE POLLOCK, B. A., Iowa State Teachers College, 1921; State University of Iowa, summers, 1927 and 1928
Supervisor of Teaching, 1924
- MARY C. ANDERSON, B. A., Iowa State Teachers College, 1914; M. A., State University of Iowa, 1926
Critic of Teaching, 1924 (1926)
- DORA E. KEARNEY, B. A., University of Minnesota, 1920; M. A., 1924; University of Minnesota, summer, 1926
Critic of Teaching, 1925
- MARY LEONA SUTHERLAND, B. A., University of Illinois, 1925
Critic of Teaching, 1925
- DOROTHY MAE WHEELER, B. S., University of Kansas, 1921; M. A., Columbia University, 1925
Critic of Teaching, 1925
- MARIE HJELLE, B. A., Iowa State Teachers College, 1925; Columbia University, summer, 1927
Critic of Teaching, 1925
- ZELWYN GRAHAM, B. A., Iowa State Teachers College, 1927
Critic of Teaching, 1926
- GLADYS I. EVANS, B. A., Grinnell College, 1921; M. A., State University of Iowa, 1926
Critic of Teaching, 1926
- JOANNA KYLE, B. A., State University of Iowa, 1915; M. A., 1916; Columbia University, summer, 1919
Supervisor of Teaching, 1926
- NATHANIEL O. SCHNEIDER, B. S., University of Minnesota, 1921; University of Minnesota, summer, 1923; Superior State Teachers College, summer, 1924; University of Illinois, summer, 1926; University of Wisconsin, summer, 1927
Coach and Supervisor of Teaching, 1926
- HELEN M. WATERS, B. A., University of Nebraska, 1921; Columbia University, summer, 1928
Critic of Teaching, 1926
- AGNES GULLICKSON, B. A., Iowa State Teachers College, 1926
Supervisor of Teaching, 1926
- NETTIE McKINNON, B. A., Iowa State Teachers College, 1925
Assistant at Waterloo Training Center, 1926
- VERNA J. ADNEY, B. A., Iowa State Teachers College, 1927
Critic of Teaching, 1927

† On leave of absence

- ALICE BAKKEN, B. A., Iowa State Teachers College, 1927
Critic of Teaching, 1927
- VELMA RUTH COLBROOK, B. A., University of Illinois, 1923; M. A., 1927
Critic of Teaching, 1927
- MARGARET DIVELBESS, B. A., Grinnell College, 1923; M. A., Columbia University, 1927
Critic of Teaching, 1927
- ALMA E. WYCKOFF, B. S., Central Missouri State Teachers College, 1924
Supervisor of Teaching, 1927
- MABELLE M. GROSS, B. A., Des Moines University, 1918; M. A., State University of Iowa, 1926; Columbia University, summer, 1927
Critic of Teaching, 1927
- HELEN C. THOMPSON, B. S., State University of Iowa, 1927; summer, 1928
Critic of Teaching, 1927
- RUTH J. MICHAELSON, B. A., Iowa State Teachers College, 1927
Supervisor of Teaching, 1927
- DOROTHY MUMMERY, B. A., University of Michigan, 1923; University of Chicago, summer, 1925; Boston Nursery Training School, 1925-26; Columbia University, summer, 1928
Professor of Child Development, 1927
- ESTHER LEECH, B. A., Iowa State Teachers College, 1925
Assistant Professor of Child Welfare and Parent Education, 1927
- ZELMA SILENCE, B. A., Iowa State Teachers College, 1928
Critic of Teaching, 1928
- EVELYN FINDLEY, B. A., Iowa State Teachers College, 1928
Critic of Teaching, 1928
- OLGA J. JOHNSON, B. Ph., University of Chicago, 1928
Supervisor of Teaching, 1928
- MYRTLE M. STONE, B. A., Washington State Normal, 1923; M. B. A., University of Washington, 1927
Supervisor of Teaching, 1928

Critics in Training

Ruth Bodenham	Ellen Hendricks
Florence E. Brown	Eva Herndon
Eva Crist	Elma Lighter
Cathryn Cramer	Bertha Robinson
Leora Dexter	Goldy Schneider
Dorothy Drackley	L. Evelyn Thomas
Hazel Green	Mae Vander Linden
Ethel Hardie	

Rural Education

- HARRY L. EELLS, B. A., Iowa State Teachers College, 1918; M. S., Iowa State College, 1922; State University of Iowa, 1924-25
Head of Department of Rural Education, 1914 (1927)
- JOHN R. SLACKS, B. Di., Iowa State Teachers College, 1901; University of Chicago, 1925-26, and summer, 1928
Professor of Rural Education, 1917 (1918)
- ALTA L. WILMARTH, B. A., Iowa State Teachers College, 1921; M. A., State University of Iowa, 1926
Assistant Professor of Rural Education, 1919 (1928)
- MRS. ELIZABETH M. TALCOTT, B. A., Iowa State Teachers College, 1925
Instructor of Rural Education, 1927

Religious Education

- HOWLAND HANSON, B. A., Princeton University, 1892; University of Chicago, 1893-95; D. D., Des Moines University, 1927
Supervisor of Religious Education, 1928
- MARY F. HEARST, B. Ph., State University of Iowa, 1889; M. A., 1904
Assistant Professor of Religious Education, 1899 (1923)
- ELLA A. HATCH, B. S., Coe College, 1915; M. A., Northwestern University, 1927
Instructor of Religious Education, 1923

Extension Division

- IRVING H. HART, B. A., Grinnell College, 1898; State University of Iowa, 1900-01
Director of the Extension Division, 1914 (1916)
- ALBERT C. FULLER, JR., B. A., State University of Iowa, 1911.
Associate Director of the Extension Division, 1917 (1918)
- F. E. FULLER, B. A., Albion College, 1902
Extension Professor of Natural Science, 1917 (1922)
- †IDA HUGLIN, B. Ph., University of Chicago, 1912; M. A., 1924
Extension Professor of English, 1918 (1923)
- FRED D. CRAM, B. A., Iowa State Teachers College, 1909; M. A., State University of Iowa, 1920
Extension Professor of Education, 1920
- ELMER L. RITTER, B. A., Indiana University, 1914; M. A., State University of Iowa, 1917; Ph. D., 1920
Extension Professor of Education, 1921
- LOU A. SHEPHERD, B. A., Iowa State Teachers College, 1919; M. A., Columbia University, 1924
Extension Professor of Primary Education, 1924
- H. C. MOELLER, B. A., Iowa State Teachers College, 1924
Extension Professor of Rural Education, 1926
- JULIA A. KIRKWOOD, B. A., Tulane University, 1921; Ph. D., State University of Iowa, 1926
Extension Professor of Child Development, 1928

Detached Service

- DAVID SANDS WRIGHT, B. A., National Normal University, 1871; M. A., 1873; M. A., Penn College, 1887
Professor Emeritus, 1876 (1928)
- ANNA E. McGOVERN, B. D., Iowa State Teachers College, 1879; B. S., 1880
Professor Emeritus, 1880 (1919)
- MELVIN F. AREY, B. A., Bowdoin College, 1867; M. A., 1870
Professor Emeritus, 1890 (1928)

Library Staff

- ANNE STUART DUNCAN, B. L., University of Michigan, 1897; Library Certificate, University of Chicago, 1903
Head Librarian, 1913
- ROWENA A. EDWARDS, Iowa State College, 1894-96; Simmons College Library School, 1914-15
Head Cataloger, 1916
- JESSIE L. FERGUSON, B. A., James Millikin University, 1907; University of Illinois, summer, 1913; Moody Bible Institute, summer, 1914; University of Chicago, summer, 1915
Circulation Librarian, 1923

† On leave of absence

- ‡MADGE McLAUGHLIN, B. A., University of Iowa, 1921; Library Certificate, University of Wisconsin, 1924
Assistant Circulation Librarian, 1924
- RUTH VAN TUYL, B. A., University of Minnesota, 1915; B. A., Mt. Holyoke College, 1916; M. A., Minnesota, 1919; University of Illinois, summer, 1922, and 1924-25
Assistant Cataloger, 1925
- WINTRESS BRENNAN, B. A., University of Illinois, 1914; B. L. S., University of Illinois Library School, 1917
Reference Librarian, 1925
- MARJORIE TRUE, B. A., Macalester College, 1925; University of Wisconsin, 1925-26
Assistant Cataloger, 1926
- IRENE A. EHRESMAN, B. A., Carleton College, 1926; Library Diploma, University of Wisconsin, 1926
Extension and Periodical Librarian, 1926
- MARY ELIZABETH LEWIS, B. A., University of Missouri, 1920; Certificate, New York Library School, 1921
Juvenile Librarian, 1928

Student Assistants

Bernice Davis Commerce	Milo Bixler Natural Science
Richard Purdy Library	Esther Nissen Natural Science
Mary Butler Library	Marcia Griggs Public School Music
Dorothy Egbert Library	Ingeborg Nielsen Public School Music

Affiliated Schools, 1928-29

Supt. R. C. Williams Jesup Consolidated School	Mrs. Grace Crisman Washington Township No. 2
Supt. Karl Nolte Hudson Consolidated School	Mrs. Anna Moore East Waterloo Township No. 1
Florence Beckner Eddy School	Mrs. Grace Bote Cedar City School
Dorothy Winters Washington Township No. 1	

Clerical Division

- ANNA R. WILD
Executive Secretary, 1896
- MRS. CARRIE E. SIMONSEN
Record Clerk, Office of the Registrar, 1916
- BESS E. CARRINGTON, B. A., Iowa State Teachers College, 1916
Chief Record Clerk, Office of the Registrar, 1920
- MRS. LOUISE McKITRICK
Secretary, Extension Division, 1921
- MRS. ETHYL ALBRIGHT
Secretary to the Dean of Women, 1921
- MRS. EDNA M. SHUTT, B. Di., Iowa State Teachers College, 1898; M. Di., 1899
Secretary, Placement Bureau, 1922
- MRS. MARGARET H. HESS
Stenographer, General College Office, 1922

‡ Resigned

- MRS. ANNA HOLMAN, Rural School Diploma, Iowa State Teachers College, 1916
Stenographer, Extension Division, 1922
- CARRIE A. WATSON, B. A., Iowa State Teachers College, 1922
Secretary to the Registrar, 1923
- RUTH DUNLOP, Upper Grade Teachers Diploma, Minnesota State Teachers College, 1919
Assistant to the Executive Secretary, 1923
- MRS. MARIE HARPER
Stenographer, Extension Division, 1923
- MRS. MABEL VOGT, Primary Education Diploma, Iowa State Teachers College, 1922
Clerk, General College Office, 1923
- JESSIE E. JUHL
Secretary to the President, 1923
- NELLIE FRANSDEN
Secretary to the Director of Teaching, 1924
- VELDA BENTLEY
Clerk, General College Office, 1924
- MRS. GLADYS Y. AMICK
Record Clerk, Office of the Registrar, 1925
- IDA CHRISTENSEN
Assistant to the Financial Secretary, 1925
- MRS. BLANCHE HARLAND, Two-Year Advanced Diploma, Minnesota State Teachers College 1921
Record Clerk, Office of the Registrar, 1926
- ROSAMOND TOLL
Stenographer, Placement Bureau, 1926
- REGINA C. MYERS, Junior College Diploma, Iowa State Teachers College, 1926
Clerk, Office of the Registrar, 1926
- MRS. MAUDE MADSEN
Clerk, General College Office, 1926
- MRS. GLADYS BAUGHMAN, Junior College Diploma, Iowa State Teachers College, 1918; Commercial Diploma, 1919
Bookkeeper, Office of the Financial Secretary, 1927
- MRS. MAXINE MALTAS
Record Clerk, Office of the Registrar, 1927
- ALLEYNE FOSTER
Clerk, General College Office, 1927
- MRS. VIE CROUTER, B. A., Iowa State Teachers College, 1913; M. Di., 1914
Secretary to the Dean of Men, 1928
- DOROTHY M. FECHT
Stenographer, Office of the President, 1928
- LOTTIE L. HAYES
Stenographer, General College Office, 1928
- MRS. IRMA McATEE, B. A., Iowa State Teachers College, 1917
Bookkeeper, Office of the Financial Secretary, 1928
- ALDINE RAINBOW, Commercial Diploma, Iowa State Teachers College, 1927
Clerk, General College Office, 1928

KATHERINE CONNELLY

Stenographer, Extension Division, 1928

EILEEN SWOPE

Clerk, General College Office, 1928

MARY HALASKA

Stenographer, Office of the Financial Secretary, 1928

GLADYCE GOODER

Stenographer, General College Office, 1928

GRACE DERSCHIED

Stenographer, General College Office, 1929

Additional Officers of Instruction for the 1928 Summer Session

EDITH BARBER, B. S.

Education

C. W. KLÍNE, M. A.

Education

W. E. BECK, M. S.

Mathematics

ELIZABETH HARNACK, B. A.

Commercial Education

VERA L. GEIGER

Commercial Education

LOUISA VAN DYKE, M. A.

Mathematics

ETHEL E. LYON, M. A.

English

TERESA M. RYAN, M. A.

English

E. J. STOUT, B. A.

English

IDA HUGLIN, M. A.

English

FRANCES AUMANN, Ph. D.

Social Science

JOHN PARTINGTON, Ph. D.

Social Science

LOUISE POLDERS, M. A.

Social Science

LILLY ROBINSON, M. A.

Social Science

W. A. YOUNG, M. A.

Social Science

MRS. MAUDE ARTHUR, B. A.

Rural Education

O. STUART HAMER, M. A.

Rural Education

KARL NOLTE, B. A.

Rural Education

EMMA H. OPFER, B. Ph.

Rural Education

MRS. MINNIE RICHARDSON

Rural Education

LEILA WASSOM, B. A.

Rural Education

MAUDE WAKEFIELD, B. A.

Rural Education

IRMA KILLEY, B. Ph.

Art Education

MARJORIE BALTZEL, B. S.

Art Education

MRS. I. H. HART

Art Education

EMMA G. KITT

Art Education

L. HALVERSON, M. A.

Natural Science

NEIL BOARDMAN, B. M.

Orchestral Music

THOMAS HOWARD ANNETT, B. S.

Music

MRS. FLORA H. SMITH, B. M.

Music

DELINDA ROGGENSACK

Music

ROY COLLINS

Music

MRS. R. R. HOLLINGSWORTH, B. A.

Home Economics

Extension Summer Schools
1928

ATLANTIC

- | | |
|--|---|
| F. E. FULLER, B. A., Director
Education | MRS. BEULAH SHOEMAKER, B. A.
Nature Study
Industrial Arts |
| MRS. BETH P. GRANVILLE, B. A.
English | MRS. MARION SMITH, B. E.
Natural Science
Social Science |
| C. L. McDOWELL, B. A.
Mathematics
Social Science | J. P. STREET, B. A.
Social Science
Education |
| M. M. McINTIRE, B. S.
Education
Social Science | H. D. TAYLOR, LL. B.
Science |
| E. A. RALSTON, B. A.
Social Science | F. A. WELCH, M. A.
Education |
| KATHRYN ROBB, M. A.
English
Education | MAUDE WENCK
Music
Penmanship |

CHARITON

- | | |
|--|---|
| E. L. RITTER, Ph. D., Director
Education | MYRTA E. HARLOW, M. A.
Education
English |
| R. H. BRACEWELL, M. A.
Education | FRANK W. JONES, B. S.
Natural Science |
| J. R. COUGILL, B. A.
Social Science | H. OSTERGAARD, M. A.
Social Science |
| G. E. DAVIS, M. A.
Education | ELLEN SMITH
Music |
| LUCILE DUNCAN, B. A.
English | J. H. TREFZ, M. A.
Education
Social Science |
| W. H. FASOLD, B. Ph.
Education
Mathematics | EULALIE TURNER, B. S.
Education |
| FLORENCE FRANKLIN, B. A.
Education
English | CHARLOTTE WILLIAMS, B. S.
Industrial Arts |
| STENA HANSEN, B. Ph.
English | |

CLINTON

- | | |
|--|--|
| H. C. MOELLER, B. A., Director
Education | EVA BURNET, B. A., M. Di.
Natural Science |
| R. H. BARNES, M. A.
Education
Mathematics | JOHN RUDKIN COULSON, M. A.
Mathematics
Science |
| CLARK W. BROWN, B. A.
Mathematics
Social Science | SUE DODD, M. A.
English |
| FRANK E. GREEN, M. A.
Natural Science
Education | LOU A. SHEPHERD, M. A.
Education |
| ALTHEA MONTGOMERY, M. A.
Education | T. J. TORMEY, B. S.
Education |
| MILLICENT RITTER, B. M.
Music | WM. J. YOURD, B. A.
Social Science |

ESTHERVILLE

- | | |
|--|---|
| FRED D. CRAM, M. A., Director
Education | ODESSA FARLEY, M. A.
English |
| ETHEL ARSER
Music | J. S. HILLIARD, B. A.
Education
Mathematics |
| WM. J. BERRY, M. S.
Natural Science | O. J. JERDE, B. A.
Social Science |
| HARRIETT B. CRABB
Industrial Arts | NONA ISABEL JORDAN, M. A.
Science |
| MRS. PEARL G. CRUISE, M. A.
Education | J. R. McANELLY, M. A.
Education
Mathematics |
| CHARLES E. DAY, M. A.
Education | |

LE MARS

- | | |
|--|---|
| N. H. RINGSTROM, B. A., Director
Social Science | JEAN M. GLEAVES, B. A.
Nature Study
Industrial Arts |
| GENEVIEVE ANDERSON, M. A.
Education | J. D. JACKSON, M. A.
Education |
| MRS. WM. BAUER
Physical Education | D. O. KIME, M. S.
Mathematics
Science |
| ROLLIE M. BROOKINGS, M. A.
English | MARGUERITE LOGAN, B. A.
Science |
| W. H. CHILDS, B. A.
Commercial Education | WELLINGTON A. THALMAN, M. A.
Education |
| MARTHA E. GILBERT
Music
Penmanship | CHAS. A. THOMAS, B. A.
Commercial Education |
| LEE J. GILLIS, B. A.
Education
Mathematics | |

FACULTY COMMITTEES, 1929-30

(Chairman's name first)

I. Rotating Committees—Executive Service

1. **Registration**
 1. W. H. Kadesch
 2. Carl H. Erbe
 3. E. W. Goetch
 4. Ira S. Condit
 5. I. L. Lillehei
2. **Curriculums and Courses of Study**
 1. S. A. Lynch
 2. G. W. Walters
 3. E. J. Cable
 4. F. I. Merchant
 5. Eva May Luse
3. **Program of Recitations**
 1. Louis Begeman
 2. I. L. Lillehei
 3. M. R. Thompson
4. **Receiving**
 1. Clark H. Brown
 2. A. W. Hoyt
 3. S. F. Hersey
5. **Student Loan Fund**
 1. Winfield Scott
 2. A. E. Brown
 3. Mary B. Hunter
 4. Dean of Women
 5. Dean of Men
 6. Financial Secretary
 7. The President
6. **Tests in College Subjects**
 1. Roy L. Abbott
 2. R. D. Daugherty
 3. Fred W. Wellborn
7. **Auditing Committee**
 1. R. R. Hollingsworth
 2. Alison Aitchison
 3. George R. Mach
 4. Dean Leslie I. Reed
 5. Benjamin Boardman, Financial Secretary
8. **Student Welfare Committee**
 1. John R. Slacks
 2. Bertha L. Patt
 3. R. W. Getchell
 4. C. O. Todd
 5. J. D. Gemmill
 6. Dean of Men, ex-officio
 7. Dean of Women, ex-officio
9. **Extension Council**
 1. I. H. Hart, Director of Extension, chairman, ex-officio
 2. C. S. Cory, Registrar, secretary, ex-officio
 3. The President, ex-officio
 4. W. H. Kadesch
 5. Alison E. Aitchison
 6. F. I. Merchant
 7. I. S. Condit
 8. C. H. Bailey

II. Permanent Committees—Executive Service

1. **Lectures and Entertainments**
 1. O. R. Clark
 2. H. C. Cummins
 3. J. B. Paul
2. **Museum**
 1. E. J. Cable
 2. G. W. Walters
 3. Alison E. Aitchison
 4. Winfield Scott
 5. R. L. Abbott
 6. The Taxidermist, ex-officio
3. **Conference for Consolidated Schools, Normal Training High Schools, and Elementary Schools**
 1. I. H. Hart
 2. H. L. Eells
 3. G. W. Walters
 4. M. J. Nelson
 5. E. J. Cable
 6. I. S. Condit
 7. Anna L. Leggett
 8. Sara M. Riggs
 9. C. S. Cory
 10. The President

- | | |
|---|---|
| <p>4. Golf House and Grounds</p> <ol style="list-style-type: none"> 1. C. S. Cory 2. Charles H. Bailey 3. Doris E. White 4. Paul F. Bender 5. S. A. Lynch 6. Sara M. Riggs 7. John W. Charles | <p>8. Student Efficiency</p> <ol style="list-style-type: none"> 1. Dean of Men 2. Dean of Women 3. Health Director 4. E. O. Finkenbinder 5. J. B. Paul 6. M. J. Nelson 7. The President |
| <p>5. Hospital</p> <ol style="list-style-type: none"> 1. The Health Director 2. The Hospital Director 3. The Dean of Women 4. The Dean of Men 5. The Financial Secretary 6. The President | <p>9. Special Days</p> <ol style="list-style-type: none"> 1. H. L. Eells 2. George R. Mach 3. I. H. Hart |
| <p>6. The Placement Bureau</p> <ol style="list-style-type: none"> 1. E. W. Goetch, Director 2. Mrs. Edna Shutt, Secretary 3. The Heads of Departments 4. The Dean of Men 5. The Dean of Women 6. The Registrar 7. The President | <p>10. Publicity</p> <ol style="list-style-type: none"> 1. R. W. Getchell 2. A. C. Fuller 3. L. L. Mendenhall 4. H. L. Eells 5. Benjamin Boardman |
| <p>7. Transportation</p> <ol style="list-style-type: none"> 1. Ira S. Condit 2. I. H. Hart 3. Benjamin Boardman | <p>11. College Eye Advisory Board</p> <ol style="list-style-type: none"> 1. Benjamin Boardman 2. E. O. Finkenbinder 3. Mary B. Hunter 4. George C. Robinson 5. Selina M. Terry |
| | <p>12. Old Gold Advisory Board</p> <ol style="list-style-type: none"> 1. Selina M. Terry 2. John D. Gemmill 3. Bertha L. Patt 4. Mildred J. Sharp 5. Benjamin Boardman |

III. Advisory Committees

- | | |
|---|--|
| <p>1. Freshmen and Sophomores</p> <ol style="list-style-type: none"> 1. E. O. Finkenbinder 2. R. R. Hollingsworth 3. Hugh S. Buffum 4. J. B. Paul 5. A. E. Brown | <p>3. Normal Training—Collegiate and Sub-Collegiate</p> <ol style="list-style-type: none"> 1. C. S. Cory, Registrar 2. Ida C. Rohlf 3. Bertha Patt 4. Emma Lambert 5. Mildred Dyer |
| <p>2. Elementary Education</p> <ol style="list-style-type: none"> 1. E. C. Denny 2. J. W. Charles 3. M. J. Wilcox 4. Anna M. Sorenson 5. R. O. Skar 6. H. C. Haddox 7. Belva Swalwell | <p>4. Primary</p> <ol style="list-style-type: none"> 1. Alison E. Aitchison 2. E. Grace Rait 3. Evelyn Findley 4. Amy F. Arey 5. May Smith |
| <p>5. Kindergarten—Helen Waters</p> | |
| <p>6. Art and Manual Arts—Charles H. Bailey</p> | |
| <p>7. Commercial—Ira S. Condit</p> | |

8. **Home Economics**—Anna L. Leggett
9. **Public School Music and Voice, Piano, Organ**—C. A. Fullerton
10. **Violin and Orchestra**—Edward F. Kurtz
11. **Rural**—Harry L. Eells
12. **Major Studies**
 - (1) Psychology, Education, Primary Education, Kindergarten Education—G. W. Walters
 - (2) Consolidated School Education, Normal Training High School Critic—Harry L. Eells
 - (3) Teaching and Critic Training—Eva May Luse
 - (4) English, Public Speaking—S. A. Lynch
 - (5) Mathematics and Commercial Education—Ira S. Condit
 - (6) Latin and German—F. I. Merchant
 - (7) French and Spanish—I. Lillehei
 - (8) Social Science—History, Government, Economics—M. R. Thompson
 - (9) Home Economics—Anna L. Leggett
 - (10) Natural Science—Agriculture, Biological Science, Earth Science—E. J. Cable
 - (11) Physical Science—Physics, Chemistry—Louis Begeman
 - (12) Art and Manual Arts—Charles H. Bailey
 - (13) Physical Education for Women—Monica R. Wild
 - (14) Physical Education for Men—Coaching and Athletics—L. L. Mendenhall
13. **Graduates of Standard Colleges**
 - (1) Critic Training—Eva May Luse
 - (2) Other Special Work—G. W. Walters

GENERAL INFORMATION

Plan of Organization

1. **The School Year**—The calendar year is divided into four terms of 12 weeks each, as shown on the first page of this Bulletin. There are two weeks' recess at the Christmas and New Year Holidays and at the end of the Summer Term. The work of each term is equivalent in all respects. Three terms constitute a year's work.

2. **Time of Enrollment**—See the calendar on page 5 for the enrollment day of each term. On this day the Faculty meets to make up class rolls and registration cards. Recitations begin on the following day. For late enrollment a fee of \$1.00 is charged. The Registrar's office should pass upon the admission of students at least two weeks before the opening of the term. High School credits should be sent by mail in advance, if possible.

3. **Time of Residence**—In order to receive a diploma from the college the student must complete at least 36 weeks of residence work here and obtain a full year of credit on the curriculum. All other requirements for graduation must, of course, be met. Credits earned in other standard institutions are accepted so far as these will apply on the student's curriculum. The last credits required for graduation must be earned in residence at this college except that any student who needs not to exceed 8 hours of credit after his last term in residence here may secure these credits through credit extension class work or through correspondence work with this college provided he has earned as many grade points as credit hours in his class work here. At least 45 hours of the last two years of credit required for a degree must be earned at this college.

4. **The Daily Program of Recitations and Work**—
Morning classes meet at 8, 9, 10 and 11 o'clock.
Afternoon classes meet at 1, 2, 3 and 4 o'clock.

5. **Other Programs of the Week**—

1. Literary Societies, as arranged.
2. Choral Union, Tuesday, as arranged.
3. Lectures and Entertainments, 8:15 p. m. on dates selected.
4. Athletic Sports and Games, as designated by the Athletic Board.
5. Library hours, 7:30 a. m. to 9:30 p. m., Mondays to Fridays; 7:30 a. m. to 5:00 p. m., Saturdays; 2:00 p. m. to 5:00 p. m., Sundays.

I. RESIDENCE, STUDENT HEALTH

1. The city residence of every student is required at the office. In case any change is made it should be reported at once to the college office.

2. Every case of sickness should be reported promptly to the Dean of Women or the Dean of Men and to the Head Nurse at the Hospital, giving information as to the physician in charge and other facts that

are required. When there is no physician in charge the Head Nurse will call to see sick students and give advice as to what should be done.

II. EXPENSES AND FEES

1. Enrollment Fees and Tuition Rates

1. Juniors and Seniors.		
Regular	\$30.00	
Soldiers	16.67	
County Scholars	25.00	
2. Freshmen and Sophomores.		
Regular	\$20.00	
Soldiers	6.67	
County Scholars	15.00	

3. In case the student withdraws from school because of personal illness, it is customary that an equitable part of the enrollment fee be returned. When the fact of illness is not able to be positively known, it is necessary to file a certificate from the attending physician. No rebate should be expected by persons who withdraw from the College for any other reason.

4. Exchange on checks not written upon local banks is ten cents which should be considered when payments are made by mail.

2. Laboratory Fees

(Paid to the College Secretary at the Opening of the Term)

1. Students in chemistry pay a fee equivalent to the cost of the materials used. This amount is estimated at about \$2.00 a term. Breakage must be paid by the student also, as he is responsible for the material and apparatus loaned for experiments.

2. Students in Biology or other sciences pay for the materials used by them in laboratory work, the expense being very moderate.

3. Students in Manual Training pay for the material they use, and own the work done. This is computed on the approximate cost.

4. Students in Domestic Science and Education courses pay the approximate cost of materials used by them.

5. Students in Commercial work pay for the use of machines, in general, 50c per term for the use of typewriters and \$1.00 per term for the use of other machines.

6. All students, excepting those taking Special Music only, pay \$1.50 per term, which includes free admission to public official lectures and entertainments that are provided each year, as well as free admission to Intercollegiate Athletic Games held on the Campus and a weekly Moving Picture Entertainment. The Gymnasium fee is included in the \$1.50, which is part of the enrollment fee given above.

7. A fee of \$1.50 is charged for rent of a swimming suit, 75c of which is refunded at the close of the term.

8. A fee of \$2.00 per week is charged visitor students.

3. Music Fees

1. Private lessons on instruments or in voice training are arranged by the term, one lesson a week. They are given by the special music teachers, at the rate of \$1.50 a lesson. The fees for the lessons thus contracted by the student must be paid to the Secretary of the Col-

lege at the beginning of the work. When lessons that are contracted for are admitted at the desire of or from neglect by the student, the lessons thus omitted must be lost by the student.

2. Piano rent is \$3.00 a term, allowing one hour practice each school day; half time at half rate. If more practice hours are taken, a proportionate fee is charged. The fees for piano rent are to be paid at the Secretary's office, when assignment of hours for practice is given.

3. Organ rent per term is from \$3.00 for practice organ to \$6.00 for Auditorium organ, allowing one practice hour each school day. Fees for such privilege are paid at the Secretary's office, when practice hours are assigned.

4. Violins and other instruments may be rented for Class work at \$3.00 per term.

4. Graduation Fees

Graduates of one-, two- and three-year curriculums are required to pay a graduation fee of \$5.00. Graduates of degree curriculums are required to pay a graduation fee of \$10.00. The fee for a department certificate is \$2.00.

A written application for graduation is required at the beginning of the term during which the student expects to be graduated. The graduation fee must be paid two weeks before the date of graduation.

5. Locker Fees

Private lockers are rented to students at the rate of twenty-five cents a term. Each student furnishes his own padlock.

6. Medical Service Fee

Medical advice and medicine are given every student by the Health Director. He has an office on the grounds and will examine all students, assuming supervision of their health. Health Service fees are included in the enrollment fees.

7. Hospital Fees

The College maintains hospital service for the benefit of its Faculty, Students and Employes. Its management is conducted on as economical a basis as possible to provide the care and comfort that are essential in cases of illness. It is directed by the Head Nurse and is managed by the Health Director, the Dean of Women, the Head Nurse and the College Secretary, subject to the executive control of the President. Patients are admitted on the following terms and conditions:

1. Fees for Hospital privileges are as follows: For students in the wards, \$1.75 per day; for members of the faculty, wards, \$2.25 per day, and room without bath, \$4.00 per day.

2. Where private nursing is necessary, the expense of the same is paid by the patient. The patient is allowed the right of service of any legally authorized physician who may be preferred, as this is at the patient's personal expense. In all such cases the approval of the health director is necessary.

3. Where a private nurse is necessary the College will provide board and lodging, if possible, at an approximate rate of \$5.00 per week.

4. In making these provisions for the care of students who are ill

during their attendance, it is inferred that the managers of lodging and boarding houses are willing to make a discount on bills to the extent of \$3.00 a week. Most of the houses that provide homes for the students have done this during the past year. To avoid all misunderstanding it is recommended that such a method of settlement be made a part of each individual contract between students and managers of lodging and boarding houses.

III. SCHOLARSHIPS

1. **Soldiers and Sailors**—All honorably discharged soldiers, sailors and marines of the United States who have served during wars are allowed \$40.00 per nine months on the enrollment fee during the entire time of attendance.

2. To encourage young men to enter the teaching profession, a limited number of County Scholarships for young men are provided through County Superintendents.

3. Scholarships shall not be granted to any students who are pledged to or who are active members of fraternities or sororities. This is due to the fact that such students ought not to have expenses outside of actual attending school.

IV. EXTENSION SERVICE

The Extension Service of the Teachers College includes such educational endeavors as can be carried on by the members of the resident Faculty in addition to their regular service performed at the institution together with those of certain persons assigned on full time to extension work. Other qualified instructors not directly connected with the institution are also occasionally employed for service.

The undertakings planned for the college year involve the following activities:

1. **Schools Service**—Special lines of service directly applying to rural school, grade school and high school conditions through conferences and personal observations in the classrooms are offered each term.

2. **General Study Center Service**—General Study Centers are held on Saturdays at suitable places in the state. In these meetings members of the Extension Faculty give instruction in subjects suitable to the teachers present.

3. **Credit Class Work**—Classes for credit work are organized for the study of certain prescribed courses wherever there are a sufficient number of teachers properly qualified who agree to pursue the course selected.

4. **Correspondence Study**—Enrollments for correspondence study are accepted under regulations adopted by the Faculty for those with one year of college credit.

Correspondence regarding any form of Extension Service should be addressed to the Director of Extension.

V. COLLEGE ORGANIZATIONS

These are societies organized with the approval and co-operation of the Faculty for literary work, religious culture, social training and special study and investigation.

1. The Men's Forum.

2. The Women's Incorporated Literary Societies:
 - The Alpha
 - The Shakespearean
 - The Clisophic
 - The Zetaethian
 - The Margaret Fuller Ossoli
 - The Delphian
 - The Eulalian
 - The Homerician
 - The Irving
 - The Neo-Chresto
3. Department Clubs:
 - The Professional Club
 - The English Club
 - The Science Club
 - The Mathematics Club
 - The Social Science Club
 - The Cercle Francais
 - The Home Economics Club
 - The Dramatic Club
 - The Hamilton Club
 - The Art League
 - The Iowa Club
 - The Biology Club
 - The Commercial Club
4. Music Organizations:
 - The Men's Glee Clubs—
 - The Minnesingers
 - The Troubadours
 - The Women's Glee Clubs—
 - The Cecilians
 - The Bel Cantos
 - The Euterpeans
 - The Aeolian
 - The College Band
 - The Junior Band
 - The College Orchestra
 - The Women's Band
5. Religious Organizations:
 - The Young Men's Christian Association
 - The Young Women's Christian Association
 - Lutheran Students' Association
 - Catholic Students' Association of America
 - The Students' Volunteer Band
 - The Geneva Circle
6. General Organizations:
 - The Student Council
 - The T. C. Club
 - Local Unit, N.E.A.
 - Local Unit, I.S.T.A.
 - Forensic League
7. Honor Organizations:
 - Kappa Delta Pi—Superior Scholarship
 - Delta Sigma Rho—Forensics for Men and Women
 - Theta Alpha Phi—Dramatic Capability
 - Pi Omega Pi—Superior Scholarship—Commercial

VI.—FACULTY ORGANIZATIONS

In addition to the various department clubs previously listed, the following are voluntary organizations of members of the Faculty:

1. **The Faculty Men's Club**—An organization for special work and social purposes as may be decided by the members.
2. **The College Club**—An organization of the women members of the Faculty, for special work and social purposes as may be decided by the members.

VII. TRAINING IN ACTUAL TEACHING

The special province of the Teachers College is to train in capability and efficiency as well as to instruct in the knowledge necessary to be acquired. This service is performed in a laboratory called the training school, where there is developed the proper attitude, spirit, and power. This laboratory consists of kindergartens, primary schools, intermediate grades, the Junior High School, the Senior High School, two consolidated schools and several rural demonstration schools. In these schools actual teaching, managing, and testing is accomplished. Every student completing a curriculum and receiving a diploma has had a specified amount of this practical experience and training as a part of the required work. Statements regarding the student's probable success are based upon scholarship, classroom work, personality and characteristics, and upon the skill and adaptability shown in the work of being trained by the actual teaching under criticism and supervision.

Pupils admitted to the training schools on the campus:

1. Those who reside in the Fourth Ward of the City of Cedar Falls.
2. Those who are residents of Independent Districts No. 2, No. 3, No. 4, No. 5, No. 8, No. 9 and No. 10.
3. Those who pay a tuition fee of \$5.00 a term for the privilege granted.

Training Schools are also maintained for teachers at East Waterloo, West Waterloo, Mason City, Cherokee, Shenandoah, Jesup and Hudson, Iowa. Students in these schools spend one term entirely devoting their time to such development and instruction. They are regularly enrolled at the College and are detailed to such service by the Head of the Teaching Department.

VIII. PUBLIC LECTURES AND ENTERTAINMENTS

Students have the privilege of attending a special course of lectures, concerts and entertainments at a very nominal fee. Because of the large attendance and the fact that all arrangements for these entertainments and lectures are made by the Lecture Committee of the College, and no individual or organization makes any profit, the cost to each person is very low. No college offers better opportunities for such advantages.

IX. BOARDING AND LODGING

1. **Dormitory**—The College maintains a women's dormitory accommodating 500 students. This dormitory is fireproof, equipped with all modern conveniences and conducted on a policy of rendering the best possible service. Rooms are rented by the term of twelve weeks at \$30 per student for rooms with one window, \$33 per student for rooms with two windows, and \$36 per student for single rooms. A deposit of \$10 must be paid when application for room is made, and the remainder

when the student takes possession. Money is refunded if room is not assigned. All payments are made to the College Secretary. Ten cents exchange fee is charged on all checks on banks outside of Black Hawk County, excepting Denver, Janesville, Dike and New Hartford. The furniture for each student consists of one single sanitary bed with mattress and pad, one rocking chair, one study chair, one closet for clothing. Each room has a library table, hot and cold water, and semi-indirect electric lighting. Bedding should be forwarded by parcel post two or three days prior to the student's arrival, as trunks are liable to be delayed by the railroad or in local delivery.

Note: Waiting lists for dormitory rooms are started as follows: Summer Term, 1929, March 5; Fall Term, 1929, May 10; Winter Term, Oct. 10; Spring Term, 1930, Jan. 10; Summer Term, 1930, March 5, 1930.

2. **Private Rooming Houses**—Students may secure rooms in private rooming houses near the campus. Students who do not reside at the home of a parent or guardian must room at an accredited rooming house unless permission is secured from the Dean of Women or the Dean of Men to room elsewhere. A list of accredited houses will be furnished upon application. Each student should make final arrangements after inspecting room, agreeing to terms, and accepting conditions. Formal written agreements are always more satisfactory as verbal contracts may lead to misunderstandings. Usually rooms are rented for the term only. The college officers are not parties to these contracts and cannot adjust differences.

3. **Bartlett Hall Cafeteria and Dining Room**—A cafeteria conducted on superior standards is maintained in the basement of Bartlett Hall. This is open to all students, faculty, and the public. The lowest possible prices prevail. A dining hall at a stated price per week at the lowest rate possible for table board, is also maintained for residents of Bartlett Hall. If there are vacancies not required by residents of Bartlett Hall other students and members of the faculty are accepted. By this method the meals are conducted more like in a home than in a restaurant and are cheaper in cost per week than those served in the cafeteria, because of the combined plan of management.

All residents of Bartlett Hall are expected to board either in the Cafeteria or the Dining Room, as such students get better balanced meals than they would order at a restaurant, and have the quiet and comfort that the better discipline affords. There are a number of private boarding houses near the campus at which students may secure good service.

4. **Official Assistance Given**—The Dean of Women inspects all the rooms that are proposed to be rented to students by private parties and makes a list of accredited houses at which students may room. This list will be furnished upon application. She will be glad to assist students in finding suitable places to room and board.

The College does not send any authorized agents or representatives to the railway stations to take charge of the assignments of students to lodgings.

5. **Transfer**—Licensed taxis and omnibuses, under the supervision of the city authorities, meet passenger trains and convey persons to any place in the city. The taxi and baggage rates are determined by city ordinance. In cases of seemingly unreasonable charges report the case to the Committee on Transportation. There is a fifteen-minute street car service in the city of Cedar Falls from early morning to midnight each day. This service reaches every part of the city.

6. **Baggage**—Every piece of baggage should be labeled, giving "Owner's name, Cedar Falls, Iowa". On reaching Cedar Falls the student should exchange the baggage check for a "claim check" and direct the transfer line where to deliver the baggage. If a rooming place has not been secured the student may telephone later and give this direction. For this reason it is always well to know the number of the "baggage check" and the name of the transfer line. In this way delays may be avoided.

There is always baggage needlessly lost by inexperienced travelers making errors at junction points, and as a consequence, unpleasant delays in its delivery at Cedar Falls. Hence, it is especially urged that all precautions possible be taken. If, for any reason, one's baggage does not arrive at a junction at the same time as the passenger, and there is necessity to recheck it at this place, and at times also arrange for its being transferred, make all arrangements with the station agent, taking the number and description of the baggage check surrendered so the baggage can be more quickly traced should it not be forwarded promptly.

X. EMPLOYMENT OF STUDENTS

The Dean of Women will assist women students in securing employment. All those desiring employment in return for their room or board should register at her office giving qualifications and kind of work desired.

Residents of Cedar Falls wishing students to help regularly or occasionally in general housework, waiting on table, decorating or serving on special occasions, laundry work, caring for children, plain sewing, typewriting, etc., are requested to file applications with the Dean of Women.

The Young Men's Christian Association and the Dean of Men conduct a similar service for the men students and for the residents of Cedar Falls.

XI. TWELVE WEEKS NORMAL TRAINING

Students desiring twelve weeks normal training credit so as to secure teachers certificates when satisfactory examinations have been passed should observe the following facts:

1. Credits required by State Board of Educational Examiners.
 - A. Twelve weeks credit in a "Didactic subject".
 - B. Twelve weeks credit in two other five-hour subjects.
2. Choice of collegiate or sub-collegiate work.
 - A. Graduates of four-year approved high schools should select college subjects so as to have the credit used toward graduation in case the student should wish to finish a curriculum at some later period.
 - B. Those who have not completed college entrance requirements will need to register for sub-collegiate work.
3. Didactic subjects.

By faculty action Management and Measurements, Elementary School Methods, Primary Methods, Didactics I, The Consolidated School and Country Life, Psychology I and History and Principles of Education are "collegiate didactic subjects" and are reported as "didactics". Elementary Didactics, General Methods and Elementary Psychology are "sub-collegiate didactic subjects" which are also reported as "didactics".

4. Additional work required by faculty regulations. Students are required to take physical training each fall, winter and spring term.

Note

The curriculums are so organized at the Iowa State Teachers College that students may earn twelve weeks normal training during the first term on any two-year curriculum. Those who wish to start a four-year degree curriculum can arrange to get the twelve weeks normal training during the first term.

XII. SCHOOL CREDITS IN LIEU OF CERTIFICATE EXAMINATIONS

1. **Agriculture, Domestic Science and Manual Training**—Twelve weeks work in agriculture, domestic science and manual training (double work) at the Teachers College may be used as credit on the county certificate in lieu of the regular examinations, provided arrangements are made at the time that these subjects are taken.

2. **Physics**—Twenty-four weeks of physics at the Teachers College may be substituted for the certificate grade on a county certificate, provided suitable examination arrangements are made at the time the work is taken.

3. **Didactics**—Graduates of four-year courses in approved or accredited high schools may have the school grade in any "didactic subject" (see Twelve Weeks Normal Training) accepted by the county superintendent in lieu of the certificate examination in this subject.

4. Graduates of four-year curriculums in approved high schools may have twelve weeks of collegiate work in Rural School Methods, Rural School Management or Rural Sociology (see courses in social science) substituted for the examination in algebra, economics or physics on a first grade county certificate.

XIII. EXAMINATIONS FOR TEACHERS CERTIFICATES

The regular examinations for teachers certificates are held at the College on the same dates as in the various counties of the state. These examinations occur near the end of January, June, July and October of each year. All arrangements for the examination for county certificates are made at the College. Arrangements may be made with the State Board of Educational Examiners for examinations for five year state certificates and special certificates at the time of the regular examinations.

XIV. THE PLACEMENT BUREAU

The College maintains a placement bureau for the purpose of assisting its graduates and former students in obtaining desirable teaching positions. At the same time it attempts to render a reliable and significant service to boards of education by aiding them in securing efficient individuals to fill all kinds of administrative, supervisory, and teaching positions for which people are trained at this institution.

In making recommendations great care is exercised. The special qualifications of the various candidates for the particular positions are in every case fully considered. Records are kept of every detail of the student's qualifications. Estimates of the scholarship, teaching ability, personal qualities, and professional attitude of the candidate are obtained from authoritative sources.

The Bureau urges school officials to come to the campus in person

whenever possible so that personal conferences and an understanding of the conditions of employment may insure mutual satisfaction and be a guarantee for efficient service.

Registration blanks may be obtained by calling at the office of the Bureau on the second floor of the Administration Building. Beginning January 1, 1929, an initial enrollment fee of \$2.00 is required of all graduates and former students who desire the help of the Bureau; after that a fee of \$1.00 per year is charged for re-registration. It is of great importance to graduates of the college, who aspire for professional advancement, that credentials be kept up to date. In making nominations for positions, the Bureau always keeps in mind its graduates in the field as well as the students on the campus.

The Bureau does not guarantee positions to those who enroll, but it promises the best support which it is able to give in keeping with the collegiate record and professional experience of the individual.

XV. ADVISERS AND AMOUNT OF WORK

1. Every collegiate student with 14 or more units of acceptable college entrance credit must be classified on a definite curriculum. This classification determines the student's adviser. Sub-collegiate students have a committee of advisers. Those making up high school credits should consult in the registrar's office before registration each term.

2. Those past 21 years of age who have not completed full college entrance are classified as sub-collegiate students but may be permitted to take some college courses as special students.

3. Each student must consult with his adviser before registering for work. The registration card and the class card must be approved by the adviser.

4. Regular work consists of 15 credit hours per week. One extra hour may be permitted for the adjustment of courses. The adviser may permit one drill class of daily work in such courses as Elementary Drawing, Elementary Handwork, Elementary Music, Penmanship, Typewriting, etc., in addition to regular work.

5. New students are not permitted to carry more than the amount of credit indicated above during the first two terms in attendance. Teachers in service may carry only 5 hours of work.

6. After the first two terms extra work may be permitted by the adviser or by the committee on registration, provided the scholarship record justifies this privilege and provided the drill is omitted.

7. All students except those classified on special music curriculums and teachers in service shall carry a minimum of ten hours of class work each term in addition to physical training unless released from this requirement by the dean of women or the dean of men.

8. Students are not permitted to visit classes.

9. Students who are below an average of "M" for any term may not carry 15 hours of work the following term and engage in an outside activity which requires 3 or more hours per day.

XVI. CREDITS, GRADES, GRADE POINTS, ETC.

1. Students are required to attend classes regularly. Unavoidable absences may be excused by the dean of women or the dean of men, if application for the excuse is made within five days after return to work. One-tenth of a term hour must be deducted from the credit for each unexcused absence.

2. Students who enroll late may not make up work for credit except

with the approval of the committee on registration, or the dean of women or the dean of men.

3. No work for which the student is registered may be discontinued except by securing a "change card" from the adviser. Private music work may be discontinued only with the approval of the committee on registration and a change card given by the chairman of the committee.

4. To receive more than half credit for the term the student must remain in class to the end of the term. In cases of sickness or other emergencies the committee or the deans may grant permission to secure credit for nine or more weeks, if arrangements are made with the instructors concerned.

5. The passing grades from highest to lowest are E, A, M and B. Fl. means failure; C, conditioned; U, unfinished. Conditioned and unfinished work may be made up only during the first six weeks of the following term in residence. In case of a failure, credit may be obtained only by taking the work again in a regular class and meeting all requirements of the class.

6. Each student must have as many grade points as hours of credit needed at this College for graduation. A grade of "E" gives 3 grade points per hour of credit, "A" gives 2 grade points per hour and "M" gives 1 grade point per hour. "B" does not give grade points.

7. Collegiate students having college entrance deficiencies must register at once for courses which can be used to remove the deficiency. All deficiencies must be removed during the first year in residence.

XVII. PHYSICAL TRAINING

All students are required to take physical training during the first six terms in attendance during the fall, winter and spring terms.

XVIII. UNSATISFACTORY WORK

1. Students who are registered for 5 or more hours of work and who fail to make credit in at least 5 hours of work for any term shall be suspended during the following term.

2. A student making less than a total of fifteen grade points in any two consecutive terms shall be suspended during the two following terms.

3. A student who has been suspended once because of low scholarship and has not made half as many grade points as the number of hours for which he is registered during the first term after being readmitted shall be suspended indefinitely.

4. Exceptions may be made in above regulations, if extenuating circumstances seem to justify such action.

XIX. OUTSIDE ACTIVITIES

1. An outside activity consists of any work or interest, for which the student is not registered, which requires a specific amount of time at stated periods.

2. Students are required to report all outside activities to the dean of women or the dean of men.

XX. COLLEGE PUBLICATIONS

1. Candidates for editor and business manager of The College Eye and Old Gold must have attained an average grade of "M" for the time enrolled.

XXI. ENTRANCE REQUIREMENTS**I. Admission to Collegiate Courses and Curriculums**

1. Graduates of four year public high schools in the state and four year private academies or high schools approved by the Iowa Board on Secondary School Relations will be admitted to collegiate courses but are not admitted to a curriculum except as indicated below.

2. Full admission to any curriculum requires 15 units of acceptable secondary credit. Conditional admission is granted on 14 acceptable units.

3. When conditional admission to a curriculum is granted, the student must register at once for courses needed to remove the deficiency.

4. The outline below gives the required and acceptable units. For full details see "Defined Entrance Subjects" below.

English	3	units required	4	units accepted
Mathematics			4	units accepted
Algebra	1	unit required		
Geometry	1	unit required		
Social Science	1½	units required	4	units accepted
One Foreign Language ..			4	units accepted
Other Foreign Language			4	units accepted
Science (Natural, Physi- cal)			4½	units accepted
From above five groups .	11	units required	15	units accepted
Other Subjects			4	units accepted

DEFINED ENTRANCE SUBJECTS**I. English**—3 units required, 1 additional unit accepted.

The required 3 units must include one unit of rhetoric and composition, one unit of literature and may include ½ unit in grammar if taken within the third or fourth years of high school. The additional unit may include ½ unit of public speaking, argumentation, etc., but this may not be used for required work.

II. Foreign Language—1 unit to 8 units accepted.

1. Greek, Latin, French, Spanish, German, Scandinavian or other languages given in a standard secondary school.

2. Not less than 1 unit nor more than 4 units may be accepted in any one language.

III. Social Science—1½ units required, 2½ additional units accepted.

- | | | |
|--|---|-----------|
| 1. Ancient history | ½ | to 1 unit |
| 2. Medieval and modern history | ½ | to 1 unit |
| 3. General history (but not in addition to 1 and 2 above) | ½ | to 1 unit |
| 4. English history | ½ | to 1 unit |
| 5. U. S. history (only after completion of two years of
high school credit) | ½ | to 1 unit |
| 6. Civics, citizenship, community civics | ½ | to 1 unit |
| 7. Economics | ½ | unit |
| 8. Sociology | ½ | unit |

IV. Mathematics—2 units required, 2 additional units accepted.

- | | | |
|---|---|------|
| 1. Elementary algebra through quadratics required | 1 | unit |
| 2. Plane geometry required | 1 | unit |
| 3. Advanced algebra, third semester's work | ½ | unit |
| 4. Fourth semester algebra in senior year | ½ | unit |
| 5. Solid geometry | ½ | unit |
| 6. Trigonometry | ½ | unit |

V. Science (Natural and Physical)— $\frac{1}{2}$ unit to $4\frac{1}{2}$ units accepted.

1. Agriculture	$\frac{1}{2}$ to 2 units
2. Astronomy	$\frac{1}{2}$ unit
3. Botany	$\frac{1}{2}$ to 1 unit
4. Chemistry, not less than	1 unit
5. Geology	$\frac{1}{2}$ unit
6. General science	$\frac{1}{2}$ to 1 unit
7. Physiography	$\frac{1}{2}$ to 1 unit
8. Physics, not less than	1 unit
9. Physiology	$\frac{1}{2}$ unit
10. Zoology	$\frac{1}{2}$ to 1 unit

VI. Miscellaneous—4 units accepted.

Four units are accepted for graduates of four year approved high schools in any subjects that have been used by the high school as credit toward graduation, provided the work is done in accordance with the regulations outlined by the Iowa Board on Secondary School Relations.

Notes

1. Not less than $\frac{1}{2}$ unit of entrance credit may be accepted in any subject ($\frac{1}{3}$ unit may be accepted from schools organized on a 12 weeks basis), and not less than 1 unit in physics, chemistry or any foreign language.

2. Regular high school work shall consist of four subjects with five prepared recitations, or equivalent, per week in each. The recitation periods need to be not less than forty minutes in length and the laboratory periods twice this length.

3. If students are permitted to carry extra periods per week in penmanship, drawing, music, manual training, Bible, etc., no entrance credit is allowed for this "extra curricular work."

4. No entrance credit is allowed for work in physical training.

5. If a student completes high school work in less than four years, not more than 4 units may be allowed for the first year's work and not more than 5 units for any subsequent year.

6. No entrance credit is allowed for English grammar or U. S. history unless taken in the third or fourth year of high school. No entrance credit is allowed for arithmetic unless taken in the third or fourth year or after the completion of third semester algebra.

7. Any student with entrance deficiencies must register at once for courses which can be used to remove the deficiencies. All deficiencies must be removed during the first year in residence.

XXII. REQUIREMENTS FOR GRADUATION

1. To receive a diploma the student must complete all the requirements of his curriculum, must have been in residence here for a period of at least thirty-six weeks, and must have earned not less than 45 hours of college credit in residence at this College. The last credits required for graduation must be earned at this College. At least 45 hours of the last two years of credit required for a degree must be earned at this College.

2. As many grade points must be earned here as hours of credit required at this College.

3. When within one year of graduation the student should make formal application for a statement of credits that are still required.

4. At the opening of the term of desired graduation a formal application for graduation should be made.

XXIII. LISTING CANDIDATES FOR GRADUATION

Any student whose number of grade points to be earned during the term of desired graduation exceeds the number earned in any one term may not be placed on the list for graduation at the end of the term except that any student who is registered for all required work and who has not over 20 grade points to make may be placed on the list for graduation at the end of the term.

XXIV. STATE TEACHERS CERTIFICATES FOR GRADUATES

1. Graduates from the two-year curriculums and the public school music curriculum may receive a five-year second-grade state teachers certificate when 18 years of age, if the credits include at least 3 hours in American Government taken here.

2. Those who complete a degree curriculum may receive a five-year first-grade state teachers certificate when 18 years of age, if the credits include at least 3 hours in American Government taken here, 9 hours of psychology and 21 hours of education including the teaching.

3. Graduates of the one-year rural teacher curriculum may receive the five-year rural teachers state certificate when 18 years of age.

XXV. DEFINITIONS OF COLLEGE TERMINOLOGY

For the information of the students the definition of terms used in this bulletin and in business transactions with the faculty is here given.

Unit—This term applies to secondary work. In secondary schools in which four subjects constitute regular work, one year's work in any branch of study requiring five recitations a week of not less than forty minutes each for thirty-six weeks constitute a unit. The laboratory subjects require extra periods.

Term Hour—A term hour of credit represents one prepared recitation of college work per week, or the equivalent, for a term of twelve weeks.

Registration—This term is used to designate the weekly school work assigned to the student by the adviser. Fifteen hours per week and the required physical training constitute regular work. One additional hour is allowed for adjustments. Five hours per week of additional work in certain so-called sub-collegiate drill subjects such as drawing, music, penmanship, typewriting, etc., may be permitted by the adviser.

Grade Points—Grade points are awarded on each hour of credit according to the grade of scholarship attained. As many grade points as hours of credit required at this College are necessary for graduation from any curriculum.

Course—A course means a subject, or portion of a subject, as outlined in this bulletin for twelve weeks' work in one line.

Curriculum—This means the full quantity and quality of work that is accepted as evidence of qualifications for a diploma.

The Major—This expression is used to show the more prominent line of work pursued by the student on a degree curriculum. The major consists of not less than 40 nor more than 60 hours. The maximum

credit in the student's major and any other major line (not the student's minor) in the same group may not exceed 60 hours.

The Minor—This term is used to indicate the line of work pursued by the student that is second in prominence. The minor consists of not less than 20 nor more than 30 hours in a major line. If the student's major and minor are in the same group the combined credit may not exceed 75 hours.

XXVI. LOANS

Iowa State Teachers College, through the generosity of its faculty and friends, has been supplied with a small fund, which, under specified conditions may be loaned to worthy students.

These funds are not adequate to meet, in any case, the entire expenses of a student. In fact the demand has been so great as to limit to a small sum the maximum amount available for any student.

Loans are not available until the student has been in residence at least one year; even then preference is given to those who are within one year of graduation. As a rule no loan can be granted earlier than one month following the filing of the application. The interest rate is 6% and security is required.

Those desiring a loan should consult with the Secretary of the Loan Fund Committee.

CURRICULUMS

at the

IOWA STATE TEACHERS COLLEGE

I. THE JUNIOR COLLEGE CURRICULUMS

Notes

a. Unless otherwise indicated in the notes under each curriculum no electives may include credits from the departments of education, rural education or teaching, and not more than 10 hours may be used in any major line (see description of courses on the following pages) except that 15 hours may be used in foreign language.

b. To secure a state teachers certificate without an examination the credits must include at least 3 hours of American Government taken here.

1. Kindergarten Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—45 Term Hours

Psychology I	5 hr.	Psychology II, III		Kg. Theory III	2 hr.
Kg. Theory I	3 hr.	or IV	5 hr.	Fresh. Electives	13 hr.
Pri. Drawing I	2 hr.	Kg. Theory II	2 hr.		
Fresh. Elective	5 hr.	Pri. Drawing II ...	3 hr.		
		English I	5 hr.		

Physical training each fall, winter and spring term.

Second Year—45 Term Hours

Kg. Theory IV.	3 hr.	Kg. Teach. and Crit. 5 hr.	Kg. Teach. and Crit. 5 hr.		
First Music	2 hr.	Pri. Illust. Teach. ..	2 hr.	Kg. Theory V	3 hr.
Kg. Teach. and Crit. 5 hr.		Pri. and Kg. Music 3 hr.	Prin. in Fund.	5 hr.	
Elective	5 hr.	Educ., Sec. B (Note 2)	5 hr.	Elective	2 hr.

Physical training each fall, winter and spring term.

Notes

1. The electives must include 5 hours in English and 10 hours from two different sciences. Three hours of Hygiene and Sanitation must be elected unless physiology was accepted for entrance or is taken in collegiate work.

2. The Consolidated School and Country Life may be substituted for credit from section B in education.

2. Primary Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—45 Term Hours

Pri. Methods	5 hr.	Pri. Methods	5 hr.
Psychology I	5 hr.	Psychology II, III or IV	5 hr.
First Music	2 hr.	Pri. Drawing I	2 hr.
Pri. Handwork	3 hr.	Pri. and Kg. Music	3 hr.
		Pri. Illust. Teach.	2 hr.
		Fresh. Elective	5 hr.
		Pri. Drawing II	3 hr.
		English I	5 hr.

Physical training each fall, winter and spring term.

Second Year—45 Term Hours

Pri. Teach and Crit.	15 hr.	Educ., Sec. B (Note 3)	5 hr.
		Electives	10 hr.
		Kg. Theory for Pri. Teachers	2 hr.
		Electives	13 hr.
Physical training each fall, winter and spring term.			

Notes

1. One section of the class will follow above outline and other sections will vary the outline so as to distribute the work in the different departments.

2. The electives must include 5 hours in English and 10 hours from two different sciences. Three hours of Hygiene and Sanitation must be elected unless physiology was accepted for entrance or is taken in collegiate work.

3. Five hours may be elected from section A in education or section A in rural education. The Consolidated School and Country Life may be substituted for credit from section B in education.

3. Elementary Teacher Curriculums**A. For Teachers in the Intermediate Grades****Suggestive Outline Showing Required Courses****First Year—45 Term Hours**

Psychology I	5 hr.	Educ. Elec. (Note 1)	5 hr.
First Music	2 hr.	Music for Upper Grades	3 hr.
Drawing I	2½ hr.	Drawing II or Gen. Design	2½ hr.
Am. Hist. I or Eur. Hist. I	5 hr.	English I	5 hr.
		*Hist. and Prin. of Educ.	5 hr.
		Elements of Geog. I	5 hr.
		Elective	5 hr.
Illust. Teaching, Credit Required			
Physical training each fall, winter and spring term			

Second Year—45 Term Hours

Elementary Sch. Methods	5 hr.	Teaching	5 hr.
Teaching	5 hr.	American Government	5 hr.
Elective	5 hr.	Prin. of El. Math.	5 hr.
		Penmanship, Credit Required	
		Sci. Elective (Note 2)	5 hr.
		Elem. of Literature	5 hr.
		Elective	5 hr.
Physical training each fall, winter and spring term			

Notes

1. The education elective must be chosen from Child Psychology, Social Development, Educational Psychology for Elementary Teachers, Educational Tests and Measurements for Elementary Teachers, Mental Tests, Project Method in Teaching, Problems of Grade Teachers, Elementary School Curriculum and Management and Measurements.

2. The science elective must be chosen from botany, 5 hours, Everyday Physical Science, Hygiene and Sanitation (a) and Nature Study.

3. The department may release the student from penmanship, if suitable proficiency is shown in this line.

B. For Teachers in the Upper Grades**Suggestive Outline Showing Required Courses****First Year—45 Term Hours**

Psychology I	5 hr.	*Hist. and Prin. of Educ.	5 hr.
Elements of Geog. I	5 hr.	English I	5 hr.
Elective	5 hr.	American Government	5 hr.

* The Consolidated School and Country Life may be substituted for this course.

Educ. Elec. (Note 1)	5 hr.
American History I	5 hr.
First Music or Music for Upper Grades	2 or 3 hr.
Drawing I	2½ hr.
Illust. Teaching, Credit Required	
Physical training each fall, winter and spring term	

Second Year—45 Term Hours

Elementary Sch. Methods	5 hr.	Teaching	5 hr.
Teaching	5 hr.	Elem. of Literature	5 hr.
Elective	5 hr.	Elective	5 hr.
Prin. of El. Math.	5 hr.		
Electives	10 hr.		
Physical training each fall, winter and spring term			

Notes

1. The education elective must be chosen from Child Psychology, Social Development, Educational Psychology for Elementary Teachers, Educational Tests and Measurements for Elementary Teachers, Mental Tests, Project Method in Teaching, Problems of Grade Teachers, Elementary School Curriculum and Management and Measurements.
2. The electives must include Hygiene and Sanitation (a) unless entrance credit in physiology has been accepted, and must include Everyday Physical Science or Physics A unless entrance credit in physics has been accepted.
3. Students who wish to prepare for departmental work in the upper grades should complete more than a two-year curriculum and should make suitable preparation in the field of specialization. Those who wish to teach in junior high schools should have four years of college preparation.

4. Rural and Consolidated School Teacher Curriculums

First Year—Rural Teacher Curriculum

Rural Sch. Management or Didactics I	5 hr.	Rural Sch. Methods	5 hr.
American Government	5 hr.	English I	5 hr.
Prin. of El. Math.	5 hr.	Drawing I	2½ hr.
		Pri. Handwork	3 hr.
Rural Teaching	3 hr.		
First Music	2 hr.		
Elements of Geog. I	5 hr.		
Fresh. Elective	5 hr.		
Illust. Teaching, Credit Required			
Physical training each fall, winter and spring term except during the term the student is registered for Rural Teaching.			

Second Year—Consolidated School Teacher Curriculum

Psychology I	5 hr.	Elem. of Literature	5 hr.
Am. Hist. I or Eur. Hist. I	5 hr.	Teaching	5 hr.
Teaching	5 hr.	Elective	5 hr.
Penmanship, Credit Required			
The Consolidated Sch. and Country Life	5 hr.		
Sci. Elective (Note 2)	5 hr.		
Elective	5 hr.		
Physical training each fall, winter and spring term			

Notes

1. Those who complete the first year's work may receive a rural teachers diploma and rural teachers state certificate.
2. The science elective must be chosen from Hygiene and Sanitation (a), Everyday Physical Science and Nature Study.
3. The department may release the student from penmanship, if suitable proficiency is shown in this line.

5. Home Economics Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—44 Term Hours

Chemistry X	5 hr.	Chemistry XI	5 hr.
Psychology I	5 hr.	Clothing I	4 hr.
Drawing and Design	3 hr.	Applied Design	3 hr.
Textiles	2 hr.	Home and Com. Hyg.	3 hr.
English I	5 hr.		
Clothing II	4 hr.		
Food Prep. I	5 hr.		
Illust. Teaching, Credit Required			
Physical training each fall, winter and spring term			

Second Year—46 Term Hours

Food Prep. II	5 hr.	Teaching	5 hr.
House Planning	3 hr.	House Furn. and Dec.	3 hr.
Physiology I (b)	3 hr.	Electives	7 hr.
Elective	5 hr.		
Teaching	2 hr.		
Educ., Sec. A (Note 2)	5 hr.		
Electives	8 hr.		
Physical training each fall, winter and spring term			

Notes

1. The student should distribute the electives so as to make preparation to teach as many other lines as possible.
2. The Consolidated School and Country Life may be substituted for 5 hours from section A in education.

6. Manual Arts Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—45 Term Hours

Psychology I	5 hr.	Psychology II, III, IV or V	5 hr.
Mech. Drawing I	2 hr.	Mech. Drawing II	3 hr.
Woodwork I	3 hr.	Woodwork II	2 hr.
English I	5 hr.	Ind. Arts Design	2½ hr.
Elective		Elective	2 or 3 hr.
Educ., Sec. A, or Rural Educ., Sec. A	5 hr.		
Mech. Drawing III	3 hr.		
Woodwork III	2 hr.		
Perspective or Drawing I	2½ hr.		
Sheet Metal Work I	2½ hr.		
Illust. Teaching, Credit Required			
Physical training each fall, winter and spring term			

Second Year—45 Term Hours

Woodwork IV	5 hr.	Org. and Admin. of Man'l Arts ...	3 hr.
Teach. Man'l Arts	5 hr.	Teaching	5 hr.
Teaching	5 hr.	Electives	8 or 7 hr.
Educ., Sec. B (Note 2)	5 hr.		
Electives	10 hr.		
Physical training each fall, winter and spring term			

Notes

1. Five hours may be elected from courses in manual arts.
2. The Consolidated School and Country Life may be substituted for 5 hours from section B in education.

7. Art Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—45 Term Hours

Psychology I	5 hr.	Psychology II, III, IV or V	5 hr.
Drawing I	2½ hr.	Drawing II	2½ hr.
Mech. Drawing I	2 hr.	General Design	3 hr.
Fresh. Elective	5 hr.	English I	5 hr.
Educ., Sec. A, or Rural Educ., Sec.			
A	5 hr.		
Perspective	2½ hr.		
Water Color	2½ hr.		
Fresh. Elective	5 hr.		
Illust. Teaching, Credit Required			
Physical training each fall, winter and spring term			

Second Year—45 Term Hours

Educ., Sec. B (Note 1)	5 hr.	Applied Arts I	2½ hr.
The Teach. of Art	5 hr.	Com'l Illustration	2½ hr.
Teaching	5 hr.	Teaching	5 hr.
		Elective	5 hr.
Art Appreciation	5 hr.		
Applied Arts II	3 hr.		
Electives	7 hr.		
Physical training each fall, winter and spring term			

Note

The Consolidated School and Country Life may be substituted for 5 hours from section B in education.

8. Commercial Teacher Curriculum

Suggestive Outline Showing Required Courses

First Year—45 Term Hours

Psychology I	5 hr.	Psychology II, III, IV or V	5 hr.
Elective	5 hr.	Acct. I	5 hr.
Acct. A or Elective	5 hr.	Com'l and Ind. Geog.	5 hr.
Penmanship, Credit Required		Typewriting, Credit Required	
Educ., Sec. A, or Rural Educ., Sec.			
A	5 hr.		
Acct. II	5 hr.		
English I	5 hr.		
Typewriting, Credit Required			
Physical training each fall, winter and spring term			

Second Year—45 Term Hours

Com'l Corres.	3 hr.	Shorthand II	5 hr.
Advertising	2 hr.	Teaching	5 hr.
Educ., Sec. B (Note 2)	5 hr.	Com'l Law	5 hr.
Shorthand I	5 hr.	Typewriting, Credit Required	
Illust. Teaching, Credit Required			
Shorthand III	5 hr.		
Teaching	5 hr.		
Elective	5 hr.		
Physical training each fall, winter and spring term			

Notes

1. The electives must include American Government and Principles of Economics I unless corresponding subjects were accepted for entrance credit.

2. The Consolidated School and Country Life may be substituted for section B in education.

II. THE PUBLIC SCHOOL MUSIC TEACHER CURRICULUM

Suggested Outline Showing Required Courses

First Year—45 Term Hours

Music I	3 hr.	Music II	3 hr.	English I	5 hr.
Voice	1 hr.	Voice	1 hr.	Voice	1 hr.
Piano	1 hr.	Piano	1 hr.	Piano	1 hr.
Fresh. Electives	10 hr.	Fresh. Electives	10 hr.	Fresh. Electives	8 hr.
*Supervisors Violin		*Supervisors Violin		*Supervisors Violin	

Physical training each fall, winter and spring term

Second Year—44 Term Hours

Theory of Music	3 hr.	Harmony I	3 hr.	Educ., Sec. A or Ru-	
Conducting	2 hr.	Music Methods I ...	2 hr.	ral Educ., Sec. A .	5 hr.
Psychology I	5 hr.	Hist. of Music I ...	2 hr.	Hist. of Music II ...	3 hr.
Elective	5 hr.	Psychology II, III,		Harmony II	3 hr.
		IV or V	5 hr.	Music Methods II ..	3 hr.
		Elective	3 hr.	Illust. Teaching,	
				Credit Required	

Physical training each fall, winter and spring term

Third Year—46 Term Hours

Educ., Sec. B.	5 hr.	Teaching	3 hr.	Teaching	2 hr.
Teaching	2 hr.	Electives	13 hr.	Electives	10 hr.
Electives	8 hr.			Music Appreciation I	3 hr.

Notes

- The electives must include 6 hours of credit in applied music (voice, piano, organ, violin or other orchestral instruments) and may include a total of 15 hours in public school music, 12 hours in applied music and 10 hours from section C in education.
- Course VI in rural education may be substituted for 5 hours from section B in education.
- Not more than 15 hours may be taken in any major line except as indicated in note 1 above.
- To secure a state teachers certificate without an examination in "government and constitution" the student must have at least 3 hours in American Government taken here.

III. DEGREE CURRICULUMS

- The Degree Bachelor of Arts in Education.
 - For Teachers of Various High School Subjects.
 - For Teachers of Physical Education.
- The Degree Bachelor of Science in Education.
 - For Teachers of Home Economics.
 - For Teachers of Coaching and Athletics.
 - For Teachers of Agriculture, Commercial Education or Manual Arts.

Notes

- Each student must choose a major before entering upon the work of the junior year and the electives must be chosen so as to comply with the distribution required for a major and a minor.
- The maximum amount of credit in the student's major is 60 hours. The maximum in the minor is 30 hours. When the major and minor are in the same group, the maximum in the major and minor is 75 hours.
- Except in the student's major, the professional work and physical science, not more than 30 hours may be used in any major line. Physical

* Recommended but not required

science (composed of physics and chemistry combined) cannot be used as a minor and the maximum credit is 30 hours in each of the two sciences unless physical science is the student's major.

d. The maximum credit in the student's major and any other major line (not the student's minor) in the same group may not exceed 60 hours.

e. Coaching and athletics, kindergarten education, physical science, primary education, normal training high school critic work, teaching and critic training or public school music may not be used as a minor.

f. Twenty hours of the work of the major shall be in courses not open to freshmen and 10 hours of the work in the major shall be in courses open only to juniors and seniors.

g. At least 90 hours of the credit required for a degree shall be in courses not open to freshmen and at least 45 hours shall be in courses open only to juniors and seniors.

h. To secure a state teachers certificate without an examination in "government and constitution" the credits must include at least 3 hours in American Government taken here.

THE DEGREE CURRICULUM

1. The Degree Bachelor of Arts in Education

A. For Teachers of Various High School Subjects

Suggestive Outline Showing Required Courses

Freshman Year—45 Term Hours

Foreign Language ... 5 hr.	Foreign Language . 5 hr.	Foreign Language .. 5 hr.
English I 5 hr.	Fresh. Electives 10 hr.	Fresh. Electives 10 hr.
Fresh. Elective 5 hr.		

Physical training each fall, winter and spring term

Sophomore Year—45 Term Hours

Psychology I 5 hr.	Psychology V, VI, VII, IX or X 5 hr.	Educ., Sec. A or Ru- ral Educ., Sec. A . 5 hr.
Electives 10 hr.	Electives 10 hr.	Electives 10 hr.

Physical training each fall, winter and spring term

Junior Year—45 Term Hours

Educ., Sec. B 5 hr.	Educ., Sec. C 5 hr.	Educ., Sec. C 5 hr.
Electives 10 hr.	Electives 10 hr.	Electives 10 hr.

Illust. Teaching,
Credit Required

Senior Year—45 Term Hours

Teaching 5 hr.	Teaching 5 hr.	Electives 15 hr.
Electives 10 hr.	Electives 10 hr.	

Notes

1. With the consent of the adviser the foreign language may be delayed until the sophomore year. A junior who has been graduated from a two-year curriculum and who has not completed 15 hours of college credit in foreign language may postpone taking it during the junior year with the provision that only half of the regular credit will be allowed for any required foreign language taken in the senior year.

2. The electives must include 5 hours of literary English, 5 hours of constructive English, 15 hours of social science and 20 hours of science and mathematics, and must meet the requirements for the student's major and minor.

3. Course VI in rural education may be substituted for 5 hours from section B in education. Credit from courses IV, V, VII, VIII or IX in rural education may be substituted for credit from section C in education.

4. The degree Bachelor of Science in Education is granted to those who major in agriculture, commercial education, coaching and athletics, home economics or manual arts. For these majors the foreign language may be omitted. If foreign language is omitted, 5 hours of additional credit in literary English is required.

THE DEGREE CURRICULUM

The Degree Bachelor of Arts in Education

B. For Teachers of Physical Education

Suggestive Outline Showing Required Courses

Freshman Year—45 Term Hours

Foreign Language ...	5 hr.	Foreign Language ..	5 hr.	Foreign Language ...	5 hr.
English I	5 hr.	Chemistry XVII ...	5 hr.	Chemistry XVIII ...	5 hr.
Physics XIV	5 hr.	Oral Interpretation I or Public Speak- ing	5 hr.	Fresh. Elective	5 hr.
		Physical training			

Sophomore Year—45 Term Hours

Anatomy I	5 hr.	Anatomy II	5 hr.	Educ., Sec. A, or Ru- ral Educ., Sec. A .	5 hr.
Psychology I	5 hr.	Genetic Psychology	5 hr.	Physiology I (a) ...	5 hr.
Elective	5 hr.	Elective	5 hr.	Kinesiology	3 hr.
				Hist. of Phys. Educ.	2 hr.
		Physical training			

Junior Year—45 Term Hours

Phys. Educ. I	5 hr.	Phys. Educ. III	3 hr.	Phys. Educ. V	3 hr.
Phys. Educ. II	5 hr.	Phys. Educ. VI	2 hr.	Phys. Dept. Admin. .	3 hr.
Phys. Educ. IV	2 hr.	Cor. Gym. and Mas- sage	3 hr.	Educ., Sec. B	5 hr.
Phys. Diagnosis	3 hr.	Hygiene and San. (a)	5 hr.	Elective	4 hr.
		First Aid to Injured	2 hr.	Illust. Teaching, Credit Required	
		Physical training			

Senior Year—45 Term Hours

Teaching	5 hr.	Educ., Sec. C	5 hr.	Electives	12 hr.
Educ., Sec. C	5 hr.	Teaching	5 hr.	Physiology of Exer- cise	3 hr.
Elective	3 hr.	Elective	5 hr.		
Sch. Health Prob- lems	2 hr.				
		Physical training			

Notes

1. The electives must include 5 hours of literary English, 5 hours of constructive English and 15 hours of social science.
2. Course VI in rural education may be substituted for 5 hours from section B in education. Credit from courses IV, V, VII, VIII or IX in rural education may be substituted for credit from section C in education.

THE DEGREE CURRICULUM

2. The Degree Bachelor of Science in Education

A. For Teachers of Home Economics

Suggestive Outline Showing Required Courses

Freshman Year—44 Term Hours

Chemistry X	5 hr. Chemistry XI	5 hr. Food Prep. I	5 hr.
Textiles	Clothing I	Clothing II	4 hr.
Drawing and Design	Applied Design	Psychology I	5 hr.
English I	Home and Com. Hy-		
	giene		3 hr.

Physical training each fall, winter and spring term

Sophomore Year—46 Term Hours

Food Prep. II	5 hr. House Furn. and	Chemistry XIII	5 hr.
House Planning	Dec.	Biology I (b)	3 hr.
Physiology I (b)	Costume Design	Household Physics ..	3 hr.
Elective	Chemistry XII	Elective	5 hr.
	Elective		5 hr.

Physical training each fall, winter and spring term

Junior Year—45 Term Hours

Prin. of Economics I ..	5 hr. Food Marketing	2 hr. Psychology V, VI,	
Applied Dress De-	Meal Planning	VII, IX or X	5 hr.
sign	Home Nursing	Social Problems	2 hr.
Child Care	Bacteriology	Electives	8 hr.
Elective	Elective	Illust. Teaching,	
		Credit Required	

Senior Year—45 Term Hours

Teaching	5 hr. Teaching	*H. E. Elective	3 hr.
Home Management ..	Food and Dietetics ..	Educ., Sec. C	5 hr.
Methods in H. E. ...	Millinery	Electives	7 hr.
Elective	Elective		5 hr.

Notes

1. The electives must include 5 hours of literary English, 5 hours of constructive English and 10 hours of history and government.
2. Students who omit foreign language must earn 5 hours of additional credit in literary English.
3. Credit for courses IV, V, VII, VIII or IX in rural education may be substituted for credit from section C in education.
4. To secure a first grade state teachers certificate the required and elective credits must include psychology 9 hours, education, rural education and teaching 21 hours.

* Experimental Cookery or Elective

THE DEGREE CURRICULUM

The Degree Bachelor of Science in Education

B. For Directors of Coaching and Athletics

Suggestive Outline Showing Required Courses

Freshman Year—45 Term Hours

Th. of Football I or II	3 hr.	Th. of Basketball I or II.....	3 hr.	Th. of Track I	3 hr.
First Aid to Injured	2 hr.	Physiology I (a) ..	5 hr.	Fresh. Electives	12 hr.
English I	5 hr.	Fresh. Electives ...	7 hr.		
Fresh. Elective	5 hr.				

Sophomore Year—45 Term Hours

Th. of Football II or I	3 hr.	Th. of Basketball II or I	3 hr.	Th. of Baseball I ...	3 hr.
Psychology I	5 hr.	Psychology V, VI, VII, IX or X	5 hr.	Educ., Sec. A or Rural Educ., Sec. A .	5 hr.
Electives	7 hr.	Electives	7 hr.	Electives	7 hr.
				Illust. Teaching, Credit Required	

Junior Year—45 Term Hours

Th. of Football III .	3 hr.	Th. of Gymnastics .	2 hr.	Th. of Track II	3 hr.
Educ., Sec. B	5 hr.	Educ., Sec. C	5 hr.	Educ., Sec. C	5 hr.
Electives	7 hr.	Electives	8 hr.	Electives	7 hr.

Senior Year—45 Term Hours

Th. of Swimming ...	2 hr.	Th. of Basketball III	3 hr.	Th. of Baseball II ..	3 hr.
Teaching	5 hr.	Teaching	5 hr.	Org. and Adm. of Athletics	3 hr.
Electives	8 hr.	Electives	7 hr.	Electives	9 hr.

Notes

1. The electives must include 5 hours of literary English, 5 hours of constructive English, 15 hours of social science and 20 hours of science and mathematics. The electives may include additional courses in the theory of athletics or any other courses that are open to the student at the time these courses are desired.

2. Students who omit foreign language must earn 5 hours of additional credit in literary English.

3. Course VI in rural education may be substituted for 5 hours from section B in education. Credit from courses IV, V, VII, VIII or IX in rural education may be substituted for credit from section C in education.

4. Each student is urged to take Anatomy, Hygiene and Sanitation, History of Physical Education and Corrective Gymnastics and Massage.

The Degree Master of Didactics

Any student holding a bachelor's degree from a standard college or university, presenting 15 units of secondary credit and four full years of collegiate credit, is admitted on such credentials to special work in the Teachers College. After thirty-six weeks of attendance such a student may secure the degree, Master of Didactics, for the completion of a full year of standard college work from courses not open to freshmen which are approved by the student's adviser.

Note

Graduates of standard four-year colleges are permitted to take any courses they may desire for individual improvement.

IV. SPECIAL MUSIC CURRICULUMS

Conditions of Admission—Students are admitted to these special music curriculums on liberal terms as to preparatory training and are encouraged to begin early enough to develop the skill and capability for professional artistic success that are so notably demanded in teachers of this kind.

Conditions of Graduation—A special music diploma will be awarded to such persons as complete satisfactorily any one of the curriculums here outlined, it being understood that skill and capability as musicians are also qualities to be attained. On account of these conditions the exact time required to complete any one of the curriculums cannot be stated in school years. The candidate must have sufficient proficiency in the special line chosen to secure the recommendation of the professor in charge of the work in order to apply for graduation.

A. Voice, Piano, Organ

The requirements for graduation include:

1. Two lessons per week for at least two years in the major study.
2. A satisfactory public performance in recital in the major study.
3. Two years of a minor study in music (voice, piano, organ or any of the instruments taught in the orchestral department).
4. Music I—3 hours.
5. Theory of Music—3 hours.
6. Harmony—12 hours.
7. Music History—7 hours.
8. Five hours of regular class room work each term.
9. At least 45 hours of college credit in addition to full entrance to a collegiate curriculum at this institution.
10. Physical training each fall, winter and spring term in attendance until 6 term credits have been secured.

B. Violin

The requirements for graduation include:

1. Two lessons per week for at least two years in violin.
2. A satisfactory public performance in recital in violin.
3. Two years of piano.
4. Theory of Music—3 hours.
5. Harmony—12 hours.
6. Music History—7 hours.
7. Five hours of regular class room work each term.
8. At least 45 hours of college credit in addition to full entrance to a collegiate curriculum at this institution. These electives may include counterpoint.
9. Orchestra and ensemble each term enrolled.
10. Physical training each fall, winter and spring term in attendance until 6 term credits have been secured.

C. Viola, Cello, Bass, Harp

The requirements for graduation are the same as for the violin except that one of these may be substituted for violin.

D. Other Orchestral Instruments

The flute, oboe, clarinet, bassoon, cornet, trombone, French horn, bassett horns and sarrusophones require work similar to that outlined for the violin. One hour of credit may be secured in saxophone.

The requirements for graduation are the same as for the violin except that one of these may be substituted for violin.

Notes

1. It usually requires more than two years to develop the skill and efficiency to be recommended for one of these diplomas.
2. Special music students who have completed three terms of applied music and at least 5 hours college credit each term may take any courses in music that are open to sophomores.
3. For the "Band Masters Course" see orchestral music.

Majors may be selected from these groups:

- a. The Professional Group
 1. Psychology.
 2. Education.
 3. Consolidated School Education.
 4. *Normal Training High School Critic Work.
 5. *Teaching and Critic Training.
 6. *Primary Education.
 7. *Kindergarten Education.
- b. The English and Speech Group
 1. English.
 2. Speech.
- c. The Foreign Language Group
 1. French
 2. German.
 3. Latin.
 4. Spanish.
- d. The Science and Mathematics Group
 1. †Agriculture.
 2. Biological Science.
 3. Chemistry.
 4. Earth Science.
 5. Mathematics.
 6. Physics.
 7. *Physical Science.
- e. The Social Science Group
 1. Economics.
 2. Government.
 3. History.
- f. Art, Commercial Education, Manual Arts and Public School Music
 1. Art.
 2. †Commercial Education.
 3. †Manual Arts.
 4. *Public School Music.
- g. Coaching and Athletics, Home Economics and Physical Education
 1. *Coaching and Athletics.†
 2. †Home Economics.
 3. Physical Education.

Notes

1. For required courses with all majors see the outline for the degree of bachelor of arts in education.
2. Greek may be selected for a minor as may also elementary Latin beginning with Elementary Latin IV.

* These may not be selected for a minor.

† These majors lead to the degree Bachelor of Science in Education.

DEPARTMENT COURSES

Note

These courses may be used for credit on curriculums as indicated on the previous pages. The amount of credit along any line is determined by the regulations regarding majors, minors and group requirements in connection with each curriculum.

AGRICULTURE

(See courses in natural science)

ART AND MANUAL ARTS

1. Art

I. *Drawing I—2½ hours. Form study, color theory and composition, using different mediums, as applied to nature drawings with realistic and decorative treatment, type forms, etc. Daily. Open to freshmen, sophomores and juniors.

II. Drawing II—2½ hours. A continuation of Drawing I with more emphasis upon technique. Application along the line of figure drawing and illustration. Daily. Prerequisite, Drawing I or equivalent preparation. Open to freshmen, sophomores and juniors.

III. Drawing III—2½ hours. Technical freehand drawing with emphasis upon fundamental principles of representation and accuracy of delineation. Daily. Prerequisite, Drawing I and II or equivalent preparation. Open to juniors and seniors.

IV. Perspective—2½ hours. Both linear and areal perspective are considered. Daily. Open to freshmen and sophomores.

V. †General Design—3 hours. The fundamental principles of design and color in relation to the drawing of naturalistic forms and their conventionalization and application to decorative art. Daily. Open to freshmen, sophomores and juniors.

VI. Advanced Design—2½ hours. An intensive study of the principles of design and their application. Daily. Prerequisite, General Design or equivalent preparation. Open to juniors and seniors.

VII. Water Color—2½ hours. A study of color, mixing of pigments and water color painting as applied to still life and landscape. Daily. Prerequisite, Drawing I and General Design or equivalent preparation. Open to freshmen and sophomores.

VIII. Applied Arts I—2½ hours. Working out a project as a foundation for drawing. The application of drawing and design to materials along such lines as booklets, toys, baskets, etc. Daily. Pre-

* Students who have credit for Still Life or Primary Drawing I and II may not have additional credit for Drawing I.

† Those who have credit for Drawing and Design and Applied Design may not have additional credit for General Design.

requisite, General Design or equivalent preparation. Open to freshmen, sophomores and juniors.

IX. Applied Arts II—3 hours. Design and color applied to clay modeling, pottery forms, costume, etc. Daily. Prerequisite, Applied Arts I or equivalent preparation. Open to sophomores, juniors and seniors.

X. Pictorial Composition—2½ hours. Emphasis upon the drawing of the human figure and upon composition in connection with illustration and pictorial drawing. Daily. Prerequisite, Drawing I and II or equivalent preparation. Open to juniors and seniors.

XI. Commercial Illustration—2½ hours. The principles of good design and lettering as used in the business world are applied in illustration and poster making. Daily. Prerequisite, one term of drawing. Open to sophomores, juniors and seniors.

XII. Interior Decoration—2½ hours. Design and color applied to the home. This will include the drawing of wall elevations showing arrangement of furniture and pictures against the wall, windows and draperies, doors, mantels, etc. Daily. Prerequisite, one term of drawing or equivalent preparation. Open to juniors and seniors.

XIII. Art Appreciation—5 hours. The aim of this course is to acquire some appreciation of art through a study of good examples of art as found in architecture, sculpture, paintings and handicrafts. Some attention will be given to the development of art and its historic periods. Open to sophomores, juniors and seniors.

XIV. History of Art—5 hours. The history and development of art as shown in the architecture, painting, sculpture and handicraft of peoples and nations. Open to juniors and seniors.

XV. The Teaching of Art—5 hours. The place and purpose of art in the public school, special problems in teaching and supervising art, courses of study, etc. Prerequisite, Drawing I and II and General Design. Open to sophomores, juniors and seniors.

XVI. Drawing and Design—3 hours. Credit only on home economics curriculums. The principles of drawing needed in representing objects in proportion and perspective. Adaptation of lettering, plant and animal forms to materials. Daily. Open to freshmen and sophomores.

XVII. Applied Design—3 hours. Credit only on home economics curriculums. A continuation of course XVI. The constructed designs are applied to textiles by wood blocks, stencils and needlework. Daily. Prerequisite, Drawing and Design. Open to freshmen and sophomores.

XVIII. Primary Drawing I—2 hours. Credit only on primary and kindergarten curriculums. Elementary art problems for lower grades. The materials used are water colors, colored paper, pastello, charcoal, pencil and scissors. Five hours per week of intensive classroom work and at least one hour per week of outside preparation. Open to freshmen and sophomores.

XIX. Primary Drawing II—3 hours. Credit only on primary and kindergarten curriculums. Decorative and pictorial art are developed by the same means as in the above course. Five hours per week of intensive classroom work and about four hours per week of outside preparation. Prerequisite, Primary Drawing I or equivalent preparation. Open to freshmen and sophomores.

XX. Primary Handwork—3 hours. Credit only on primary and consolidated school curriculums and for those who major in normal training high school critic work. Various forms of handwork suitable for use in the primary grades. Instruction in paper cutting, paper and cardboard construction, simple sewing, weaving, card work, raffia work, basketry, etc. Five hours per week of intensive classroom work and about four hours per week of outside preparation. Open to freshmen and sophomores.

Note

The art major may include Mechanical Drawing I and II, 5 hours, Sheet Metal Work I and II, 5 hours, General College Botany, 5 hours, Textiles, 2 hours, and House Planning, 3 hours.

2. Manual Arts

I, II, III. Woodwork I—3 hours. **II and III**—each 2 hours. Courses in woodwork beginning with the simplest exercise in the use of tools and extending into cabinet making. Knowledge and skill in the use of tools are acquired through their use in making articles for actual use, and a large part of the designing of these articles is done by the students. These courses must be taken in consecutive order. Open to freshmen, sophomores and juniors.

IV. Woodwork IV—5 hours. A continuation of above courses. Prerequisite, Woodwork I, II, III. Open to sophomores, juniors and seniors.

V. Advanced Cabinet Making—5 hours. An advanced study of furniture design and period furniture. The construction of advanced cabinet projects with emphasis upon refinement of detail, advanced construction and high grade finish. Prerequisite, Woodwork I, II, III, IV. Open to juniors and seniors.

VI, VII, VIII. Mechanical Drawing I—2 hours. **II and III**—each 3 hours. Instruction in the use of drawing instruments, geometrical problems, working drawings, blue printing, lettering, tracing, orthographic projections, perspective, machine drawing, etc. These courses must be taken in consecutive order. Open to freshmen, sophomores and juniors.

IX. Architectural Drawing—3 hours. The essentials of architectural drawing, conventions, types of construction, plans, elevations, etc. Prerequisite, Mechanical Drawing I, II, III. Open to juniors and seniors.

X. Wood Turning—2 hours. The woodturning lathe and instruction in the various methods of turning between centers, face plate work, inside turning, chucking, finishing, polishing, etc. Open to Freshmen and sophomores.

XI, XII. Sheet Metal Work I and II—each 2½ hours. Applied in making such articles as tray, lamp shade, candlesticks, sconce, watch fob, letter holder, blotter corners, lantern, spoons, drawer pulls, hinges, etc. Course I or equivalent preparation is a prerequisite for course II. Daily. Course I is open to freshmen and sophomores and course II is open to sophomores, juniors and seniors.

XIII. Organization and Administration of Manual Arts—3 hours. Adjustment of manual arts to various types of schools, kinds of work for different grades, analysis and classification of teaching material, courses of study, class organization for individual and group work, etc. Prerequisite, Woodwork I and II and Mechanical Drawing I and II. Open to sophomores, juniors and seniors.

XIV. Economics of Manual Arts—2 hours. Plans for buildings and rooms, purchase and arrangement of equipment, suitable equipment for special conditions. The cost of equipments, supplies and maintenance. Open to juniors and seniors.

XV. Wood Finishing—2 hours. A study of the theory and practice of wood finishing. Purpose and function of finishing. Classes of finishes, preparation and application of materials, special applications to school conditions and requirements. Open to freshmen, sophomores and juniors.

XVI. Industrial Arts Design—2½ hours. A study of the general principles of constructive and decorative design with special emphasis upon their application to constructions in wood and metal. Period styles in furniture will be studied. Daily. This course will not give credit to those who took Woodwork III before June 1, 1929. Open to freshmen, sophomores and juniors.

XVII. Home Mechanics—3 hours. This course will require students to work out courses in home mechanics, analyze problems for instructive purposes, work out original projects, prepare individual instruction sheets and other instructional material. Laboratory basis of instruction. Open to juniors and seniors.

XVIII. Teaching Manual Arts—5 hours. This course deals with aims and purposes of manual arts in the school; sociological and psychological basis, analysis and presentation of a constructive work lesson; relation to other subjects; demonstrations; and other questions of importance to the special teacher. Prerequisite, Psychology I, Woodwork I and II and Mechanical Drawing I and II. Open to sophomores, juniors and seniors.

Notes

1. Attention is called to the increasing number of positions, such as in consolidated rural schools and elsewhere, in which persons who are able to teach both manual training and agriculture are in demand. College graduates are usually desired for these positions. College students are able to choose their electives so as to prepare for these positions.

2. The manual arts major may include Physics I and II, 5 hours, Interior Decoration, 2½ hours, Advanced Design, 2½ hours, Conservation of Natural Resources, 5 hours, and Trees and Shrubs, 3 hours.

BAND MASTERS COURSE

(See orchestral music)

BIOLOGY AND BOTANY

(See courses in natural science)

CHEMISTRY

(See courses in physics and chemistry)

COACHING AND ATHLETICS

(See courses in physical education)

COMMERCIAL EDUCATION

(See courses in mathematics and commercial education)

DEBATING

(See courses in English)

DOMESTIC SCIENCE

(See courses in home economics)

DRAMATIC ART

(See courses in English)

ECONOMICS

(See courses in social science)

EDUCATION**1. Psychology**

I. Psychology I—5 hours. A general course in psychology which emphasizes the principles and basic facts that are essential to an understanding of mental life. A special study of those mental processes which are involved in the acquisition of knowledge and habits of the school room. Open to freshmen and sophomores.

II. Child Psychology—5 hours. The physical and mental growth of the child. The appearance, development and use of prominent instincts are emphasized in connection with the problems of teaching. Prerequisite, Psychology I. Open to freshmen and sophomores.

III. Educational Psychology for Teachers of Elementary Schools—5 hours. Application of the various principles of psychology to teaching in the elementary schools with emphasis on such topics as motivation of pupils, habit formation, provisions for individual differences, memory and thinking. Intended primarily for teachers in the grades above the primary. Prerequisite, Psychology I. Open to freshmen and sophomores.

IV. Social Development—5 hours. Social tendencies, interests and training of children from infancy to the adult period. Particular attention to problems of social training. Prerequisite, Psychology I. Open to freshmen and sophomores.

V. Psychology of Adolescence—5 hours. An intensive study of changing attitudes and concepts that take place in the minds of youth during the period of time from eleven to eighteen years of age. It will include a study of the mental and physical influences that retard or accelerate the mental growth. The church, the school, the state and the home will receive consideration. Prerequisite, Psychology I. Open to sophomores, juniors and seniors on degree curriculums and on the art, manual arts, home economics, commercial teacher and public school music curriculums.

VI. Genetic Psychology—5 hours. An intensive study of the origin and development of consciousness in the child and in the race. Lectures, topics for reports, observation and class discussions. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

VII. Experimental Psychology I—5 hours. Typical experiments in each of the approved lines of psychological investigation. The student acquires familiarity with modern psychological apparatus, methods of experimentation and their significance for the public school teacher. The relation of experimental psychology to other aspects of psychology. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

VIII. Experimental Psychology II—5 hours. Minor studies in learning, habit-forming, reasoning, association, attention, interest and other problems of special interest to teachers. Laboratory work, class

discussions and reference work. Prerequisite, Experimental Psychology I. Open to juniors and seniors.

IX. Social Psychology—5 hours. A study of the thinking and behavior of people as affected by their association with one another. The methods of handling groups of persons. This could well be called a course in group psychology. Prerequisite, Psychology I. Open to juniors and seniors.

X. Educational Psychology for High School Teachers—5 hours. Deals with the psychological principles which determine the scope and character of education in the high school. Applies these principles to typical problems of organization and teaching, and familiarizes students with characteristic developments in the teaching of high school subjects. Prerequisite, Psychology I. Open to juniors and seniors.

Note

The psychology major may include 10 hours from courses in education which are open only to juniors and seniors.

2. Education

Section A—Methods and Management.

I.—Management and Measurements—5 hours. Organization of the school, order and discipline, grading and promotion, marks, records and reports, tests and examinations, standardized tests in the common branches, school laws of Iowa as related to the teacher and his work. Open to freshmen and sophomores.

II. Elementary School Methods—5 hours. This course deals with such types of procedure as inductive method, deductive method, project method, supervised study, the development lesson, the review lesson and the drill lesson. These activities are applied to the various elementary school subjects such as reading, geography, arithmetic, history, etc. Consideration is given to basic educational principles which immediately underlie the various methods of instruction. Required on the curriculums for intermediate and upper grade teachers. (This course must be taken by students on the elementary teacher curriculum while taking the first term of Teaching and may not be taken by such students before that time.) Prerequisite, Psychology I. Open to freshmen and sophomores.

III. Project Method in Teaching—2 hours. Type projects in the various subjects. The development and unification of each subject as the experience of the pupil expands. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

IV. Educational Tests and Measurements for Elementary Teachers—3 hours. Adapted to teachers and supervisors of grade work. An introduction to the literature in the field of educational measurements. A study of some of the leading tests in each of the elementary school subjects, together with methods of giving, scoring, tabulating and graphing results. Special attention given to diagnosing difficulties and to the use of proper remedial measures. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

V. Mental Tests—2 hours. An introduction to the literature in the field of mental testing. A study of the leading group tests needed in the grades and high school. Methods of giving, scoring, tabulating and interpreting results. An intensive study of the Stanford revision of the Binet-Simon tests. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

VI. (Primary Methods) Principles in Fundamentals—5 hours. Principles and aims underlying the teaching of primary reading and mathematics. Phonics will receive special consideration in connection with reading. Various methods will be studied that greater efficiency may result in the teaching of these subjects. Credit only on primary and kindergarten curriculums and for those who major in normal training high school critic work. Open to freshmen and sophomores.

VII. (Primary Methods) Language and Literature—5 hours. Principles and methods involved in the teaching of language, writing and spelling in the primary grades and the relation of these to other subjects in the curriculum. Special work in the selection and presentation of stories and poetry suitable for primary grades. Credit only on primary curriculums and for those who major in normal training high school critic work. Open to freshmen and sophomores.

VIII. Problems of Grade Teachers—3 hours. This course deals with some of the more vital problems of the classroom teacher. The school census, aspects of child accounting, classification and progress of pupils, relation of the curriculum to individual differences, classroom practices and improvement programs. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

IX. Elementary School Curriculum—5 hours. This course seeks to make clear that the purpose, origin, construction and function of the elementary school are determined by the principles involved in community life. Special emphasis is given to the fact that justifiable curriculum data must come from the community served, and that curriculums must function in practical situations. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

X. The Junior High School—3 hours. The course shows practice in junior high schools, explains aims and methods used, shows provisions made for enlarged curriculum, individual differences, interests and aptitudes of adolescence. It considers also the special training needed by teachers, the effect on attendance and the social relations of pupils. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

Section B—History of Education.

XI. History and Principles of Education—5 hours. The various problems which arise from efforts to make education effective in serving the needs and aspirations of modern society, educational evolution, conditions which brought about the changing conceptions of education, the development of school organizations, management and control, the history and fundamental principles of curriculum making and the present educational tendencies will receive consideration. Required on the curriculums for intermediate and upper grade teachers. Prerequisite, Psychology I. Open to freshmen, sophomores and juniors.

XII. History of Education—5 hours. Educational ideals, ancient and modern, education as related to civilization, educational classics, special educational conditions, national educational systems, current educational problems in the light of experiences of the past. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

XIII. History of American Education—5 hours. The origin and growth of education in the United States, starting with the European background. The development of our various schools and their adaptation to American ideals. Present day problems will be considered. Students who have credit for the course entitled "Modern Movements

in Education" may not have additional credit for this course. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

XIV. History of Primary Education—3 hours. The growth of primary education for the past three hundred years. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

XV. Primary Educational Classics—2 hours. The works of Comenius, Rousseau, Pestalozzi, Herbart, Froebel and later writers. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

XVI. History of Vocational Education—3 hours. A brief study of the movements toward vocational training in public education. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

XVII. Vocational School Administration—2 hours. Suitable for all students interested in vocational work. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

Section C—Philosophy, Administration, Etc.

XVIII. Philosophy of Education—5 hours. The fundamental ideas in education and its related natural, mental and social sciences. Biology, physiology, psychology and history are searched to determine the underlying principles which dominate human life. The course deals with religion, law, social organization and all human instrumentalities that make for civilization. Prerequisite, Psychology I. Open to juniors and seniors.

XIX. School Administration and Supervision—5 hours. The community and the school. The school board, superintendent, principals and supervisors. Promotions, records, reports, course of study, buildings, equipment and sanitation. Legislation from the viewpoint of the administrator and supervisor. Prerequisite, Psychology I. Open to juniors and seniors.

XX. The High School—5 hours. The course of study, classroom work, individual differences, social possibilities, the psychological basis of various high school subjects, objective measurements of attainment, etc. Prerequisite, Psychology I. Open to juniors and seniors.

XXI. Educational Classics—5 hours. Selections from educational literature. The growth of doctrines and principles. The rise of ideals with their relation to other forms of social activity. The conditions under which various classics were written. Prerequisite, Psychology I. Open to juniors and seniors.

XXII. Problems of Superintendents and Principals—2 hours. A specific study of the legal principles involved in the organization and administration of a public school system. Proper standards and planning of school buildings, school publicity, school bonds, present methods of cost accounting, sources of school revenues and wise distribution of funds. School surveys. Prerequisite, Psychology I. Open to juniors and seniors.

XXIII. Logic—3 hours. The fundamentals of logic, conception, judgment, reasoning, forms and laws of syllogisms, fallacies and hypotheses. Practical application to teaching. Prerequisite, Psychology I. Open to juniors and seniors.

XXIV. Ethics—2 hours. The theories of conduct, the basis of rights and duties and those fundamental facts concerning the moral nature of a man which enable him to become a knowing guide in his work as a teacher. Prerequisite, Psychology I. Open to juniors and seniors.

XXV. Modern School Systems—3 hours. Comparative study of the aims, administration, organization and control of education in different countries with particular attention to America, England, France, Germany, China and Japan. Prerequisite, Psychology I. Open to juniors and seniors.

XXVI. Educational Sociology—2 hours. The function of the school in the solution of social problems. Education in relation to social well being. The different school subjects will be considered from the standpoint of their contribution to social well being. Prerequisite, Psychology I. Open to juniors and seniors.

XXVII. Educational Tests and Measurements for High School Teachers—5 hours. Adapted to teachers and supervisors of high school work. An introduction to the literature in the field of educational measurements. A study of some of the leading tests in the secondary school field together with methods of giving, scoring, tabulating and graphing results. Special attention to tests in the major line of each student taking this work. Prerequisite, Psychology I. Open to juniors and seniors.

XXVIII. The Primary Curriculum—5 hours. The organization, program and equipment of the primary school. A survey of the various subjects of the primary curriculum with reference to their organization. Credit only for those who major in primary or kindergarten education. Open to juniors and seniors.

XXIX. Literature for Primary Children—5 hours. A more extensive study of the various types and sources of children's literature. The technique of the story teller will be considered and offered in the telling of many stories. Credit only for those who major in primary or kindergarten education. Open to juniors and seniors.

Notes

1. The education major may include courses in psychology which are open only to juniors and seniors.
2. The primary major may include Primary Drawing I and II, Primary Teaching and Criticism and courses in education.
3. The kindergarten major may include Kindergarten Theory I to V, Kindergarten Teaching and Criticism, Primary Drawing I and II and courses in education.

3. Rural Education

Section A. For Teachers of Rural Schools.

I. *Didactics I—5 hours. Organizing and management of a rural school. The daily program, the school house, grounds and equipment, rural community leadership. Open to freshmen and sophomores.

II. *Rural School Management—5 hours. A discussion of all functions of leadership, including administrative, that are required for the development and expansion of the most modern educational possibilities and efficiencies of the up-to-date rural school and the rural community. Open to freshmen and sophomores.

III. Rural School Methods—5 hours. The best modern methods of teaching the common branches under the conditions of the rural school. Open to freshmen and sophomores.

* Only one of these two courses may be used as credit toward graduation on any curriculum.

Section B. For Normal Training High School Critics.

IV. Special Methods in the Common Branches—5 hours. Special methods of preparing teachers to teach the common branches well under the difficult conditions of the one-teacher rural school. Especially adapted to the preparation of critics in normal training high schools. Prerequisite, Psychology 10 hours. Open to juniors and seniors.

V. Normal Training Supervision—5 hours. A study of observation and practice teaching in rural schools associated with the normal training high schools. Organization and supervision of practice teaching in grade rooms. Library and equipment for a normal training department. Following up work of normal training graduates in rural schools. Open to juniors and seniors.

Section C. For Teachers and Superintendents in Consolidated Schools.

VI. The Consolidated School and Country Life—5 hours. A study of the consolidated school and its relation to country life today. Open to sophomores, juniors and seniors.

VII. Consolidated School Administration—5 hours. A basic course in the study of consolidated school possibilities for teachers, principals and superintendents. An analysis of rural life problems and objectives, as related to teaching and administration. A study of the needs of various types of schools, qualifications and training of teachers, classification and grading of pupils, transportation, school lunch, community center work and a re-directed course of study. Special trips to affiliated consolidated schools. Open to juniors and seniors.

VIII. Advanced Consolidated School Problems—3 hours. An intensive study of the special problems of the consolidated school such as: rural community surveys, school support and finance, consolidated school standards, community recreation and training of teachers. Prerequisite, course VII above except that graduates of standard colleges may register for courses VII and VIII simultaneously. Experienced superintendents who have not had course VII may be admitted by the department to course VIII, but they may not thereafter take course VII for credit. Open to juniors and seniors.

IX. The Rural High School—2 hours. A study of secondary school education for country boys and girls and the adaptation of the high school to meet modern needs. Possibilities of vocational guidance and training. Courses of study. Open to juniors and seniors.

Section D.—Training in Teaching.

X. Rural Teaching—3 hours. This work is done in rural schools affiliated with the College in the presence of and under the supervision of the instructor from the College who is in charge of this work. Credit only on the rural teacher curriculum, the consolidated school curriculum and for those who major in normal training high school critic work or consolidated school education. Illustrative Teaching must precede or accompany this course. During the term of Rural Teaching the student is released from physical training. Open to freshmen and sophomores.

XI. Teaching on Consolidated School Curriculum.

Those who take the consolidated school curriculum need to do 10 hours of Teaching under the supervision of the department of teaching at the College.

Notes

1. The majors in normal training high school critic work and in consolidated school education may include 12 hours from Rural Sociology and courses in education.

2. Those who major in normal training high school critic work need to take courses IV and V above, Primary Methods 5 hours, Primary Handwork, Elementary Music, Primary Teaching and Criticism 5 hours, and Recreational Music and may omit courses from section C in education. These courses and others in education or rural education may be counted as a part of the major.

3. Course I or II or III may be substituted for 5 hours from section A in education on any curriculum where such credit may be used.

4. Course VI may be substituted for 5 hours from section B in education on any curriculum where such credit may be used.

5. Ten hours from courses IV, V, VII, VIII, or IX may be substituted for 10 hours from section C in education on any curriculum where such credit may be used.

ENGLISH

1. English

A. Constructive

I. English I—5 hours. All freshmen are required to complete one of the two courses, (a), (b), listed below, during the freshman year, if possible. After certain diagnostic tests, students will be assigned to (a) or (b) classes. After the completion of one of these courses, the other may not be taken for credit toward graduation.

(a) Thorough study of the principles of sentence structure in English with much writing of sentences according to specific instructions. Intensive and extensive study of paragraphs with frequent writing of single paragraphs. Written and oral themes with special attention to the essentials of good sentences and paragraphs.

(b) Review of the principles of sentence and paragraph structure as necessary. Study of specimens of expository writing of a moderate degree of difficulty, to be followed by original oral and written compositions on similar subjects.

Completion of (a) or (b) above is required as a prerequisite for any other course in English or in speech.

II. Description and Narration—5 hours. Constant practice in writing description and the simpler forms of narration with the aim of further developing the power of self-expression. Open to freshmen, sophomores and juniors.

III. Advanced Story Writing—5 hours. The technique of the short story as a particular type is studied thoroughly, and students are required to work out assignments in accordance with the principles learned. Individual tastes and aptitudes of students are given careful consideration in the assignments made and in the criticism of work submitted. Prerequisite, Description and Narration. Open to juniors and seniors.

IV. Advanced Exposition—5 hours. Representative specimens of advanced exposition are studied. The application of principles and methods is required in original work, especial attention being given to the development of a pleasing style. Open to sophomores, juniors and seniors.

V. The Essay—5 hours. A study of the development of the essay.

Practice in the writing of original essays with special attention to style. Open to juniors and seniors.

B. Literary

VI. Elements of Literature—5 hours. This course is intended to develop the power of evaluating and appreciating literature. It will consist of explanation and illustration of the distinguishing characteristics of the chief kinds of literature, such as ballads, epic poetry, drama, lyric, short story, essay. This course is recommended for those who take only one term of English literature. Open to freshmen and sophomores.

VII. American Prose Writers—2 hours. Preliminary lectures and library work on a few early authors will be followed by a somewhat extensive study of the work of eight or ten important prose writers of the so-called National period. Open to freshmen and sophomores.

VIII. Chief American Poets—3 hours. Lectures, readings, and reports. About ten important American poets will be given careful consideration. The chief aim is to lay a broad foundation of knowledge as a basis for teaching selections from these authors in public schools. Open to freshmen and sophomores.

IX. Recent American Prose Writers—3 hours. This course will take up consideration of writers who have been prominent since the so-called National period. Open to sophomores, juniors and seniors.

X. Recent American Poets—2 hours. This course is similar in scope to course VIII. Attention will be given to the "New Poetry" or so-called "Free Verse" as well as to other recent poetry. Open to sophomores, juniors and seniors.

XI. Victorian Prose—2 or 3 hours. Attention will be given to eight or ten important English prose writers of the Victorian era. Representative works of these authors will be read. Open to sophomores, juniors and seniors.

XII. Victorian Poetry—3 hours. The chief British poets of the Victorian era will be studied with the object of preparing students to teach intelligently selections from these authors that may be used in schools. Not credit for those who have credit for Tennyson and Browning. Open to sophomores, juniors and seniors.

XIII. Recent English Prose—3 hours. A study of writers of prose who have achieved distinction in England since 1875. Open to sophomores, juniors and seniors.

XIV. Recent English Poets—2 hours. A study of English poets who have become noted since 1875. Open to sophomores, juniors and seniors.

XV. Old English—5 hours. A study of the elements of Old English grammar and pronunciation. Simple exercises in translating followed by the reading of short selections of Old English prose and poetry. Open to sophomores, juniors and seniors.

XVI. History of the English Language—2 hours. A survey of the forms and development of English from its beginning to the present. Open to sophomores, juniors and seniors.

XVII. Middle English—5 hours. After a preliminary study of the pronunciation and grammatical peculiarities of English after the Norman Conquest, selections from the works of important authors who lived between 1150 and 1400 A. D. will be read with chief reference to their content and style. The writings of Chaucer and his contemporaries will receive special attention. Open to sophomores, juniors and seniors.

XVIII. Development of the English Drama—5 hours. A study of the

historical phases of the development of the drama in England from its beginning in the liturgical church services to its culmination in Shakespeare and his contemporaries. Open to sophomores, juniors and seniors.

XXIX. Shakespeare—5 hours. The chief object of this course is to have the student gain a comprehensive knowledge of Shakespeare as a poet and dramatist. A few plays and some of the sonnets will be studied intensively. Rapid reading of other poems and plays. Open to sophomores, juniors and seniors.

XX. The Age of Classicism—5 hours. This period is sometimes called the "pseudo-classical" age because it catches the form rather than the spirit of the ancient classics to which it constantly refers as authority. It is the great age of prose, of criticism, burlesque and satire and covers the period from the Restoration to the death of Swift, approximately the years 1660-1745. Open to sophomores, juniors and seniors.

XXI. The English Romantic Movement—5 hours. The period is that of the great revolutionary movements in the latter part of the eighteenth century and the years immediately following. The poets of the period receive special consideration. Open to sophomores, juniors and seniors.

XXII. The Development of the English Novel—5 hours. The course traces in outline the varied content and technique of narrative fiction from the late medieval prose romancers to the beginning of the twentieth century. Representative novels will be read. Open to sophomores, juniors and seniors.

XXIII. Tennyson and Browning—5 hours. The purpose of this course is to study the important works of each author chronologically, to trace the development of his thought, and to analyze his works in relation to his life and time. Not credit for those who have credit for Victorian Poetry. Open to juniors and seniors.

XXIV. History of English Literature—5 hours. An advanced study of the political, social, religious and philosophical background of the various phases of the history of English literature, together with extensive consideration of the works of English authors from Bede to the nineteenth century. Open to juniors and seniors.

XXV. Literary Criticism—5 hours. A study of the main principles of literary criticism is made the basis of this course and specimens of literature are studied as illustrations of these principles. Open to juniors and seniors.

XXVI. American Drama—2 hours. A study of European influences on American drama and of representative American dramatists. Open to sophomores, juniors and seniors.

XXVII. Modern European Drama—3 hours. A study of modern tendencies in drama and of translated plays of noted European dramatists. Open to sophomores, juniors and seniors.

XXVIII. National Epics—5 hours. The purpose of this course is to study in English translations, as comparative literature, the epics and epic material of the great literatures of the world. Greek, Hebrew and Spanish epic material, The Song of Roland, the Niebelungenlied and the Beowulf will form the basis of the course. Open to juniors and seniors.

XXIX. The Technique of Poetry—5 hours. This is an advanced study of English poetry with the object of developing an increased appreciation of poetical composition through an analysis of content and form and by practice in writing original verse in various forms. Open to juniors and seniors.

XXX. The Teaching of English—5 hours. In this course the rise of the study of English to its present position in the curriculums of secondary schools and colleges is traced historically. Psychological, pedagogical and administrative problems in the teaching of English are considered. Those who major in English may substitute this credit for 5 hours of required work from section C in education. Open to juniors and seniors.

XXXI. Methods in Language and Grammar—2 hours. A study of the various problems relating to the teaching of oral and written expression in intermediate and upper grades. Methods of teaching and testing. Course of study, oral composition, letter writing, dramatization, etc., assignment and correction of written work. Open to freshmen, sophomores and juniors.

2. Speech

English I (a) or (b) is prerequisite for all courses in Speech.

A. Constructive

I. Public Speaking—5 hours. This is a foundation course consisting of a study of the psychology of effective speaking, the various forms of public address, platform deportment, voice building and the elimination of vocal defects. Practice in the presentation of original speeches. Open to freshmen, sophomores and juniors.

II. Extempore Speech—5 hours. This course offers special preparation to candidates for intercollegiate contests in extempore speaking and to those who wish to prepare to conduct high school contests of a similar character. This will involve the study and analysis of current issues and constant practice in oral discussion. Prerequisite, Public Speaking. Open to sophomores, juniors and seniors.

III. Theory of Debating—2 hours. A study of the technique underlying successful debating. Briefing, note taking, card-indexing, evaluation of evidence, effective use of evidence, principles of rebuttal, strategy of debate, platform deportment and duties of different speakers. This course should be taken so as to correlate with the course in Debating. Open to sophomores, juniors and seniors.

IV. Debating—3 hours. A study of the problems involved in debating. An intensive study of an important debatable question with a maximum of forensic practice. Required of students who participate in intercollegiate debate. This course may be repeated once on a new debate question for an additional 3 hours of credit. Open to sophomores, juniors and seniors.

V. Advanced Public Speaking—5 hours. The purpose of this course is threefold: to offer more advanced work for students who have credit in Public Speaking; to give opportunity to acquire a working knowledge of the history, literature and technique of the oration, with special attention to the college oration; to train students in various forms of public address other than debating. Prerequisite, Public Speaking. Open to juniors and seniors.

Note

Five hours from courses I to V above may be used as the second 5 hours required in constructive English.

B. Interpretative

VI. Oral Interpretation I—5 hours. The work is planned to develop the student individually, to help him gain a greater appreciation of literature and to interpret it vocally. Open to freshmen, sophomores and juniors.

VII. Oral Interpretation II—5 hours. Masterpieces from the world's greatest authors are used, thereby giving the student power to interpret different literary forms. Special attention is given to the correction of defects of voice and to the development of a pleasing voice. Prerequisite, Oral Interpretation I or equivalent preparation. Open to freshmen, sophomores and juniors.

VIII. Play Production I—5 hours. First six weeks; special drill for freedom, flexibility and responsiveness of voice. Analytical study of oral literary forms. Last six weeks; simple stage mechanics. Public performances of one act plays. Performances will be staged and acted by students. Prerequisite, Oral Interpretation I and II or equivalent preparation. Open to sophomores, juniors and seniors.

IX. Play Production II—5 hours. Lectures on stage settings, lighting and principles of stage directing; the study and production of one Shakespearean play and one modern tragedy. This work provides students with practical knowledge of stage management in amateur theatricals. Open to juniors and seniors.

X. Professional Interpretation—5 hours. This course aims to prepare each member of the class to undertake readily and effectively any work in oral expression that he may be called upon to do, whether in school work or in public performance. Open to juniors and seniors.

XI. Pedagogy of Interpretation—5 hours. Principles underlying the teaching of interpretation, criteria of criticism, discussion of methods, organization of courses, lesson plans and problems of teaching. Open to juniors and seniors.

XII. Methods in Reading and Literature—3 hours. The principles underlying the successful teaching of reading and literature. Standards of criticism, relative values of silent and oral reading, dramatic presentation of literature, etc. Much attention to material suitable for these lines of work in intermediate and grammar grades. Open to freshmen, sophomores and juniors.

FRENCH

(See courses in romance languages)

GERMAN

(See courses in Latin, Greek, German)

GOVERNMENT

(See courses in social science)

HISTORY

(See courses in social science)

HOME ECONOMICS

A. Clothing

I. Clothing I—4 hours. The principles of garment construction, the selection of materials used, design, method of construction and problems involved in the construction of clothing. Open to freshmen, sophomores and juniors.

II. Clothing II—4 hours. Garment construction continued. The elements of clothing design. Prerequisite, Clothing I or equivalent preparation. Open to freshmen, sophomores and juniors.

III. Textiles—2 hours. A study of the chief textile fibers and the

standard materials used in clothing and house furnishings. Open to freshmen and sophomores.

IV. Costume Design—3 hours. Fundamentals of design and color as they relate to costumes and accessories. Prerequisite, Applied Design. Open to sophomores, juniors and seniors.

V. Applied Dress Design—3 hours. A study of design as applied to dress, good line, good spacing, simplicity, arrangement and color harmony. Prerequisite, Costume Design. Open to juniors and seniors.

VI. Millinery—2 hours. Simple processes in millinery. Prerequisite, Applied Design or equivalent preparation. Open to sophomores, juniors and seniors.

B. Foods

VII. Food Preparation I—5 hours. An experimental study of the general principles of cookery and of the nutritive facts involved. Chemistry XI, or equivalent preparation must precede or accompany this course. Open to freshmen, sophomores and juniors.

VIII. Food Preparation II—5 hours. A continuation of Food Preparation I, including meal service. Prerequisite, Chemistry X and XI and Food Preparation I or equivalent preparation. Open to freshmen, sophomores and juniors.

IX. Food Marketing—2 hours. A study of the sanitation, quality, nutritive value and cost as related to production, transportation and distribution of food supplies. Open to sophomores, juniors and seniors.

X. Meal Planning—3 hours. The planning, preparation and serving of meals. Cost, nutritive value, and time and labor involved are considered. Prerequisite, Food Preparation I and II. Open to juniors and seniors.

XI. Food and Dietetics—3 hours. The principles of nutrition. The selection of food for normal individuals. Prerequisite, Food Preparation I and II. Chemistry XIII must precede or accompany this course. Open to juniors and seniors.

XII. Experimental Cookery—3 hours. Special problems in standardizing methods of food preparation. Individual problems. Prerequisite, Food Preparation I and II. Open to juniors and seniors.

XIII. The School Lunch—3 hours. Special problems pertaining to the management, selection and organization of the one hot dish lunch in schools. Not credit on a home economics curriculum. Open to freshmen, sophomores and juniors.

XIV. Nutrition—3 hours. Not credit on a home economics curriculum or for those who have had Food Preparation I and II. A general course giving the elementary principles of nutrition. Selection of food in relation to food values and costs. Open to freshmen, sophomores and juniors.

C. Home Administration

XV. House Planning—3 hours. The history of domestic architecture, design, construction and choice of dwelling. The drawing of floor plans for homes costing not over \$6000. Prerequisite, Drawing and Design. Open to sophomores, juniors and seniors.

XVI. House Furnishing and Decoration—3 hours. The interior of the house. Principles of decoration. A study of furnishings with a view to establishing standards by which to choose. Prerequisite, Ap-

plied Design and House Planning. Open to sophomores, juniors and seniors.

XVII. Home and Community Hygiene—3 hours. Public health problems and home sanitation. Open to freshmen, sophomores and juniors.

XVIII. Home Nursing—2 hours. Care of sick under home conditions, first aid and emergency work. This course must be preceded or accompanied by Bacteriology. Open to sophomores, juniors and seniors.

XIX. Home Management—5 hours. The economics of the household, standards of living, budget studies and relation to the community. While pursuing this course, students live in the practice house to work out problems of household management. Experience is gained in buying, household accounting, planning and serving meals. Prerequisite, Food Preparation I and II. This course must be preceded or accompanied by Food Marketing and Meal Planning. Open to juniors and seniors.

XX. Child Care—2 hours. Study of child care by nation, state and home. Discussion of problems involved in the care of infants and older children, such as food, clothing and recreation. Open to sophomores, juniors and seniors.

XXI. Methods in Home Economics—3 hours. An analysis of the home economics teacher's job. Adaptation to modern educational principles. Open to juniors and seniors.

ITALIAN

(See courses in romance languages)

KINDERGARTEN

(See courses in department of teaching)

LATIN, GREEK, GERMAN

1. Latin and Greek

***Elementary Latin I, II, III**—Each 5 hours. Course I is open to students who present no Latin for entrance, course II to students who present for entrance one year of high school Latin or equivalent. In subject matter and in method the year's work is planned for college students and is of fundamental value for all college work. Special attention is given to the Latin element in English. Open to freshmen, sophomores and juniors.

Elementary Latin IV, Ovid—5 hours. Easy stories from the Metamorphoses. Study of classical myths. Review of Latin grammar. Prerequisite, two years of high school Latin or Elementary Latin III or equivalent preparation. Open to freshmen, sophomores and juniors.

Elementary Latin V, VI, Vergil's Aeneid I, II—Each 5 hours. Open to freshmen, sophomores and juniors.

Elementary Latin VII, VIII, Caesar's Gallic War I, II—Each 5 hours. Credit toward graduation may not be earned in these courses by students who have entrance credit for Caesar or who take the Teachers' Course in Caesar. Open to freshmen, sophomores and juniors.

* The year's work must be completed if any of the credit is used in meeting the requirements for graduation.

Elementary Latin IX, X, Cicero's Orations I, II—Each 5 hours. Open to freshmen, sophomores and juniors.

Note

The Elementary Latin courses are not counted as parts of a Latin major. The Elementary Latin courses, except Elementary Latin I, II, III, may be counted as parts of a Latin minor.

I. Cicero's Cato Major or Laelius and Latin Composition—5 hours. Open to students who have had four years of high school Latin or other preparation approved by the head of the department. Courses I, II, III are of a general character adapted to the needs of all college students. Open to freshmen, sophomores and juniors.

II. Pliny's Letters—5 hours. Open to freshmen, sophomores and juniors.

III. Epodes and Odes of Horace—5 hours. Open to freshmen, sophomores and juniors.

IV. Latin Composition—5 hours. Prerequisite, Latin I, II, III. Open to sophomores, juniors and seniors.

V. Tibullus—3 hours. Prerequisite, Latin I, II, III. Open to sophomores, juniors and seniors.

VI. Vergil's Bucolics or Georgics—3 hours. * Prerequisite, Latin I, II, III. Open to sophomores, juniors and seniors.

VII. Livy—5 hours. Prerequisite, Latin I, II, III. Open to sophomores, juniors and seniors.

VIII. The Agricola of Tacitus—3 hours. Prerequisite, Latin I, II, III. Open to sophomores, juniors and seniors.

IX. Plautus (3 hours), Terence (3 hours), Catullus (3 hours), Cicero's Letters (3 hours), Satires of Horace (3 hours), Epistles of Horace (3 hours), Propertius (3 hours), The Annals of Tacitus (3 hours), Juvenal (3 hours)—3 to 15 hours. Prerequisite, Latin I, II, III. Open to juniors and seniors.

X. Historical Latin Grammar I, II—Each, 3 hours. Prerequisite, Latin I, II, III. These courses must be preceded or accompanied by Greek I, II, III. Open to juniors and seniors.

XI. The Teaching of Latin—5 hours. Prerequisite, Latin I, II, III. If Latin is the student's major, this credit may be substituted for 5 hours of required work from section C in education. Open to juniors and seniors.

XII. Teachers' Course in Caesar—5 hours. Prerequisite, Latin I, II, III, or equivalent preparation. Open to juniors and seniors.

XIII. *Greek I, II, III—Each 5 hours. These courses are required of all students who take Historical Latin Grammar. The work is also planned for students of English and of science. Open to sophomores, juniors and seniors.

XIV. Greek IV, V, VI, Homer, Greek Drama, Greek Prose Writers—3 to 10 hours. Open to juniors and seniors.

Note

The Latin major may include Greek from courses IV, V, VI, to the extent of 10 hours.

* The year's work must be completed if any of the credit is used in meeting the requirements for graduation.

2. German

I. *German I—5 hours. Pronunciation, conversation, grammar and easy reading for beginners. Open to freshmen, sophomores and juniors.

II. *German II—5 hours. Conversation, grammar, reading and composition. Open to freshmen, sophomores and juniors.

III. *Short Stories—5 hours. Reading with conversation and composition based on the text. Prerequisite, one year of high school German or equivalent preparation. Open to freshmen, sophomores and juniors.

IV. †Historical Prose—5 hours. Prerequisite, two years of high school German or equivalent preparation. Open to sophomores, juniors and seniors.

V. †Schiller's Dramas—5 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

VI. †Drama of the Nineteenth Century—5 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

VII. †Scientific German—5 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

VIII. Goethe's Hermann und Dorothea—2 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

IX. Lyrics and Ballads—5 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

X. Composition and Advanced Grammar—3 hours. Prerequisite, German IV or equivalent preparation. Open to sophomores, juniors and seniors.

XI. Lessing—5 hours. Prerequisite, German IV and 10 hours from German V to X. Open to juniors and seniors.

XII. Goethe—5 hours. Prerequisite, German IV and 10 hours from German V to X. Open to juniors and seniors.

XIII. History of German Literature—3 hours. Prerequisite, German IV and 10 hours from German V to X. Open to juniors and seniors.

XIV. The Teaching of German—2 hours. Prerequisite, German IV and 10 hours from German V to X. Open to juniors and seniors.

MATHEMATICS AND COMMERCIAL EDUCATION

1. Mathematics

I. Mathematics A—5 hours. Not credit for those who have more than one unit of entrance credit in algebra. Review topics. Quadratic equations with one unknown and their properties. Systems involving quadratic equations. Progressions. Variations. Logarithms and their use in solving right triangles with trigonometric functions. Binominal theorem. Elementary functions with graphic illustration. Open to freshmen and sophomores.

II. Mathematics I—5 hours. College algebra and numerical trigonometry. Open to freshmen, sophomores and juniors.

* The year's work must be completed if any of the credit is used in meeting the requirements for graduation.

† Open also to freshmen who have had two years of high school German or equivalent.

III. Mathematics II—5 hours. Theory of trigonometry and extension of the work in college algebra. Prerequisite, Mathematics I. Open to freshmen, sophomores and juniors.

IV. Solid Geometry—3 hours. Open to freshmen and sophomores.

V. Theory of Equations—5 hours. Prerequisite, Calculus I. Open to juniors and seniors.

VI. Spherical Trigonometry—2 hours. Applications involving both plane and spherical trigonometry. Prerequisite, Mathematics II. Open to sophomores, juniors and seniors.

VII. Surveying—3 hours. General principles and operations, adjustment and use of instruments, keeping notes, field practice in measurement, calculation of areas and leveling. Double periods Monday and Wednesday. Prerequisite, Mathematics II. Open to sophomores, juniors and seniors.

VIII. Theoretical Mechanics—3 hours. A problem course in practical mechanics not involving calculus. Prerequisite, Calculus I. Open to juniors and seniors.

IX. Principles of Elementary Mathematics—5 hours. Arithmetic and allied mathematics of the elementary school. Essential subject matter, its development, organization and relation to the whole curriculum. Selection and use of textbooks and supplementary material. Credit only on the kindergarten, primary, elementary teacher and consolidated school curriculums and for those who major in normal training high school critic work and for those who major or minor in mathematics. Open to freshmen and sophomores.

X. Teaching of Secondary Mathematics—5 hours. Junior and senior high school mathematics. An outline course with references to recent reports of national and international surveys. Subject matter used as needed. Those who major in mathematics may substitute this credit for 5 hours of required credit from section C in education. Prerequisite, two courses in college mathematics. Open to juniors and seniors.

XI. History of Mathematics—2 hours. An outline study of the historical development of secondary mathematics. Prerequisite, two courses in college mathematics. Open to juniors and seniors.

XII. Analytical Geometry—5 hours. Prerequisite, Mathematics II. Open to freshmen, sophomores and juniors.

XIII. Calculus I—5 hours. A general course in differential and integral calculus with applications. Prerequisite, Analytical Geometry. Open to sophomores, juniors and seniors.

XIV. Calculus II—5 hours. A continuation of Calculus I. Open to sophomores, juniors and seniors.

XV. Number Systems—2 hours. Positive integers and operations with integers defined. Negative, rational and irrational, and complex numbers and other operations defined. Historical study of number development. Open to juniors and seniors.

XVI. Modern Geometry—3 hours. A selection from theorems and methods developed in modern times in the study of geometry. Open to sophomores, juniors and seniors.

XVII. Differential Equations—3 hours. Commoner, ordinary differential equations of first order and simplest cases of linear equations with constant coefficients. Special emphasis upon forms occurring in mechanics and physics. Prerequisite, Calculus II. Open to juniors and seniors.

XVIII. Mathematics of Finance—3 hours. The relation of interest to the creation of sinking funds, to the treatment of depreciation, to the valuation of bonds, to the accumulation of funds in building and loan associations and to the elements of life insurance. Open to sophomores, juniors and seniors.

XIX. Statistical Measurement—3 hours. Statistical methods. Probability. Frequency distributions. Averages. Probable error. Least squares, correlation. Open to sophomores, juniors and seniors.

XX. Astronomy II—3 hours. Certain mathematical phases of astronomy. Determination of time, orbits, mass, density and superficial gravity of planets, satellites and stars. The law of gravitation; Kepler's Laws; prediction of eclipses; velocity of escape of gases. Determination of distance. Size and probable distribution of stars in the known universe. Some attention will be given to the reduction of sidereal time to solar time. Prerequisite, Mathematics II and Astronomy I. Open to sophomores, juniors and seniors.

Note

The mathematics major may include Physics VII, XI, and XII.

2. Commercial Education

I. Accounting A—5 hours. The principles which are fundamental to accounting. Numerous exercises and problems to illustrate and emphasize the principles. Not credit for those who have entrance credit in bookkeeping. Open to freshmen and sophomores.

II. Accounting I—5 hours. This course deals primarily with corporation accounting. The theory of accounting receives careful consideration. Prerequisite, Accounting A or equivalent preparation. Open to freshmen, sophomores and juniors.

III. Accounting II—5 hours. Cost accounting, theory of accounts, and C. P. A. problems and solutions. Open to freshmen, sophomores and juniors.

IV. Commercial Law—5 hours. The law governing business relations and dealings. Open to sophomores, juniors and seniors.

V. Advertising—3 hours. Advertising theory, inception of advertising ideas and their development, the planning and preparing of advertisements based upon actual practice. Open to sophomores, juniors and seniors.

VI. Commercial Correspondence—5 hours. Fundamental principles of business writing, business letters and business reports. Open to sophomores, juniors and seniors.

VII. Marketing—3 hours. The organization and operation of markets. A survey of the activities involved in transferring manufactured goods and agricultural products from producer to consumer. Open to juniors and seniors.

VIII. Salesmanship—2 hours. Principles of salesmanship. Selling problems of manufacturers, wholesalers and retailers. The management of salesmen. Open to juniors and seniors.

IX. Business Organization—2 hours. Study of the underlying principles of organization and management and their application in various types of business undertakings. Open to juniors and seniors.

X. Retail Merchandising—3 hours. Economic principles of retail merchandising. Establishing a business, locating the store, financing,

buying, pricing, advertising, selling, accounting, business forecasting. Open to juniors and seniors.

XI. Business Publications—1 hour. Discussion of material in business magazines and new books on commercial subjects. Lectures, reading and reports. Open to sophomores, juniors and seniors.

XII. Secretarial Training—3 hours. Office training. Use of modern business equipment. Open to sophomores, juniors and seniors.

XIII. Teaching of Commercial Subjects—5 hours. A course in the teaching of commercial subjects in high schools. Methods in shorthand, typewriting, office practice, accounting, advertising, etc. Those who major in commercial education may substitute this credit for 5 hours of required work from section C in education. Previous training in shorthand, typewriting and bookkeeping required. Open to juniors and seniors.

XIV. History of Commerce—2 hours. Origin and development of domestic and foreign commerce in the United States. Open to juniors and seniors.

XV. Machine Accounting—1 hour. Use of accounting machine in bank and mercantile accounting. Special drill in the use of machine in the four fundamental operations of arithmetic. Two hours class or laboratory work each week. Prerequisite, Elementary Bookkeeping. Open to sophomores, juniors and seniors.

XVI. Shorthand I—5 hours. A study of the principles of the Gregg system. First Typewriting should be taken with this course. Credit only on commercial curriculums. Open to freshmen and sophomores.

XVII. Shorthand II—5 hours. A continuation of Shorthand I with plate reading and dictation. Second Typewriting should be taken with this course. Credit only on commercial curriculums. Open to freshmen and sophomores.

XVIII. Shorthand III—5 hours. Dictation, reporting, transcription of letters and lectures. Third Typewriting should be taken with this course. Credit only on commercial curriculums. Open to sophomores, juniors and seniors.

Notes

1. The commercial education major may include Money and Banking.
2. Those who complete the two year commercial curriculum must have one term of penmanship and those who major in commercial education must have two terms of penmanship.
3. A Statement of Proficiency in penmanship may be secured upon the recommendation of the head of the department and approval of the faculty.

MUSIC

1. General Introductory Courses

I. First Music—2 hours. An introductory course in school music, singing, rhythmic development and tests standardized with the phonograph. Beginning syllable singing and elementary theory. Methods for teaching exemplified. Daily. Not credit on the public school music curriculums. Open to freshmen, sophomores and juniors.

II. Primary and Kindergarten Music—3 hours. A continuation of course I above. Sight singing. Materials and methods for kindergarten and primary grades. Daily. Not credit on the public school

music curriculums. Prerequisite, First Music or equivalent preparation. Open to freshmen, sophomores and juniors.

III. Music for Upper Grades—3 hours. A continuation of course I above. Sight singing. Material and methods for intermediate and upper grades. Daily. Not credit on the public school music curriculums. Prerequisite, First Music or equivalent preparation. Open to freshmen, sophomores and juniors.

2. Courses in the Public School Music Major Line

IV. Music I—3 hours. Development of musical experience through song singing as preparation for sight singing. Ear training. Notation. Sight singing. Open to freshmen, sophomores and juniors.

V. Music II—3 hours. Music I continued. Sight singing emphasized. Ear training. Notation. Dictation. Tests and measurements in music demonstrated. Community singing. Dalcrose eurythmics simplified and applied to school music. Open to freshmen, sophomores and juniors.

VI. Sight Singing—5 hours. Based on material for the eight grades in the various music systems used in the schools. Open to freshmen, sophomores and juniors.

VII. Theory of Music—3 hours. Music terminology. Scales, intervals, chords, etc., as preparation for the study of harmony. Overtones. Explanation of transposed instruments. Various musical forms. Open to freshmen, sophomores and juniors.

VIII. Ear Training—3 hours. Training of the ear in rhythm, melody, harmony. Phrases and themes of masterpieces used. Open to sophomores, juniors and seniors.

IX. Music Methods I—2 hours. Methods for primary grades. Open to sophomores, juniors and seniors.

X. Music Methods II—3 hours. Methods for upper grades. Open to sophomores, juniors and seniors.

XI. Conducting—2 hours. Practice in conducting men's glee clubs, ladies' glee clubs, choruses, assembly singing and community singing. A study of the problems involved in conducting. Open to sophomores, juniors and seniors.

XII. Harmony I—3 hours. Four part writing of triads of major and minor keys. Choice of chords. Harmonization of melodies and bases. Keyboard and original work. Open to sophomores, juniors and seniors.

XIII. Harmony II—3 hours. A continuation of Harmony I. Open to sophomores, juniors and seniors.

XIV. Harmony III—3 hours. A continuation of Harmony II. Simple modulations. Open to sophomores, juniors and seniors.

XV. Harmony IV—3 hours. Altered chords. Harmonic analysis. Keyboard work applying previous material. Originals. Open to juniors and seniors.

XVI. Musical Analysis—2 hours. This is a practical study of the work of the masters of musical composition in an effort to understand their use of harmonic material, and to analyze the form into which this material has been classed. Prerequisite, Harmony I, II, III, IV. Open to juniors and seniors.

XVII. History of Music I—2 hours. Survey of music among primitive peoples, early church music, Troubadours and Minnesingers and

the invention of opera. The musicians from Bach to Weber. Open to sophomores, juniors and seniors.

XXVIII. History of Music II—3 hours. The development of romanticism and program music. Musicians from Mendelssohn to Richard Strauss. Open to sophomores, juniors and seniors.

XIX. History of Music III—2 hours. Modern music in Italy, France, Russia, Scandinavia, England and America. A course consisting wholly of library work in its preparation. Open to juniors and seniors.

XX. Music Appreciation I—3 hours. Study of musical literature, vocal and instrumental, by means of the phonograph, the piano player, voice and instruments. Open to juniors and seniors.

XXI. Music Appreciation II—3 hours. Prerequisite, Music Appreciation I. Open to juniors and seniors.

XXII. High School Music—3 hours. Study of material for high school music including cantatas and operettas. Courses of study in music for junior and senior high schools. Advanced conducting. Prerequisite, Conducting. Open to juniors and seniors.

XXIII. Music Supervision—1 hour. The history and scope of school music. The problems involved in supervising music. Actual observation in several school systems. Open to juniors and seniors.

XXIV. Counterpoint I—2 hours. Melodic progressions, clefs, two part counterpoint in all species. Prerequisite, Harmony IV. Open to juniors and seniors.

XXV. Counterpoint II—2 hours. A continuation of Counterpoint I. Three part counterpoint in all species. Originals. Prerequisite, Harmony IV. Open to juniors and seniors.

XXVI. Counterpoint III—2 hours. A continuation of Counterpoint II. Four part counterpoint in all species. Florid counterpoint. Originals. Prerequisite, Harmony IV. Open to juniors and seniors.

3. Applied Music

I. *Piano and Organ—1 to 12 hours in each. One or two private lessons per week and five hours practice per week for a period of twelve weeks with satisfactory progress will give 1 hour of credit.

II. *Voice—1 to 12 hours. One or two private lessons per week and five hours practice per week for a period of twelve weeks with satisfactory progress will give 1 hour of credit.

III. Normal Piano Methods—Drill credit. This course is offered to advanced piano students who wish to become familiar with all grades of teaching material. Special stress will be placed upon class work for children. Materials and various methods of class and individual piano instruction will be studied; methods of presentation, performance and drill will be demonstrated. Two periods per week. May be taken as a drill in addition to sixteen hours, if no other drill is taken. Classes will not be organized for less than ten students.

IV. Piano Class Instruction I—Drill credit. This course is planned for group instruction purposes for those who have had no previous instruction. This work may be taken in addition to 16 hours if no other drill is taken. Two days per week.

* The first, second and third hours are open to freshmen, sophomores and juniors; the fourth, fifth and sixth hours are open to sophomores, juniors and seniors; and the seventh to twelfth hours are open to juniors and seniors.

V. Piano Class Instruction II—Drill credit. This course is open to students who have had a small amount of previous instruction. One period per week. This work may be taken in addition to 16 hours, if no other drill is taken.

Notes

1. For information concerning a diploma for work in voice, piano, organ, violin and wind instruments see "Special Music Curriculums".
2. For class work in Supervisors Violin for students in public school music and for Orchestra Conducting see "Orchestral Music".
3. Students who major in public school music must have credit for Music I and II, Music Methods I and II, Conducting, Theory of Music, Harmony I and II, History of Music I and II, Music Appreciation I, Voice, 3 hours, Piano, 3 hours, and 6 hours of elective credit in applied music. They may elect additional courses so as to make a maximum of 60 hours in public school music and 24 hours in applied music with a combined maximum of 75 hours.
4. Students on degree curriculums who do not major in public school music may elect a maximum of 20 hours in public school music and 10 hours in applied music with a combined maximum of 20 hours. Those on collegiate diploma curriculums other than public school music may elect a maximum of 10 hours in public school music and 5 hours in applied music with a combined maximum of 10 hours.
5. For the Band Masters Course see "Orchestral Music".

NATURAL SCIENCE

1. Biological Science

I. Biology I (a)—5 hours. **(b)**—3 hours. The fundamental properties of living things in plant and animal life. One-celled plants and animals, their forms and functions. A study of the more complex forms of life with the structure, life-history and physiology of each. Open to freshmen, sophomores and juniors.

II. Biology II—5 hours. The morphology and physiology of type forms in animal life. The relationship of animals to each other and to man. Organic evolution. Prerequisite, Biology I. Open to freshmen, sophomores and juniors.

III. Biology III—5 hours. The anatomy of three type forms—shark, salamander and cat—will be studied in a comparative way. Prerequisite, Biology I. Open to sophomores, juniors and seniors.

IV. Physiology I (a)—5 hours. **(b)**—3 hours. Some of the more important elements of physiology are reviewed as a basis for more advanced problems. Correlation of this subject to related subjects. Open to freshmen and sophomores.

V. Hygiene and Sanitation (a)—5 hours. **(b)**—3 hours. The principles of personal hygiene and the factors of sanitation and basic improvement of living will be covered. School health problems, heating, lighting, ventilation and the spread of communicable diseases. Open to sophomores, juniors and seniors.

VI. Botany I—General College Botany—5 hours. A survey of all phases of botany. A practical study of plants, their classification and evolution together with economic application of botany. Open to freshmen, sophomores and juniors.

VII. Botany II—Non-Flowering Plants—5 hours. A study of plant groups to illustrate the development of the plant kingdom. Algae,

fungi, liverworts, mosses, ferns and reproductive features of seed plants. Open to freshmen, sophomores and juniors.

VIII. Botany III—Plant Taxonomy—5 hours. The identification, field recognition and economic importance of seed plants of our local flora. A systematic study of the principal families of seed plants. Prerequisite, entrance credit in botany, or General College Botany. Open to sophomores, juniors and seniors.

IX. Botany IV—Trees and Shrubs—3 hours. The identification and recognition of trees and shrubs common to this region. An introduction to the economic uses of woody plants. Open to freshmen, sophomores and juniors.

X. Botany V—Plant Physiology—5 hours. Chemical elements necessary for plant life; methods by which plants assimilate these elements; the influence of light, heat, moisture and gravity on living plants. Prerequisite, General College Botany. Open to juniors and seniors.

XI. Botany VI—Plant Ecology—5 hours. A study of the important factors of the environment, their measurement and effect upon plant growth, plant distribution and the application of ecology to crop production. Prerequisite, General College Botany. Open to juniors and seniors.

XII. Insects and Man—3 hours. A study of insects with special reference to their relationship to man. Prerequisite, Biology I. Open to sophomores, juniors and seniors.

XIII. Bacteriology—3 hours. A study of micro-organisms, their classification, morphology and physiology. A consideration of the relation of bacteria, yeasts and molds to health, sanitation and the preservation of foods. Open to sophomores, juniors and seniors.

XIV. Organic Evolution—2 hours. The meaning, evidences and the factors in organic evolution. Its significance in biology and in modern thought. Open to sophomores, juniors and seniors.

XV. Heredity—3 hours. The laws of heredity and their relation to plants, animals and man. The significance of heredity to the human race. Open to sophomores, juniors and seniors.

XVI. Nature Study—5 hours. The topics are rocks, minerals and soils, insects, birds and trees. Credit only on the kindergarten, primary, elementary teacher and consolidated school curriculums and for those who major in normal training high school critic work. Open to freshmen and sophomores.

XVII. Teaching the Biological Sciences—3 hours. Organization of subject matter and methods of teaching the biological sciences in high school. Demonstrations and practice in laboratory. Field exercises suitable for uses in high school. Collection and preparation of laboratory materials. Those who major in biological science may substitute this credit for 3 hours of required credit from section C in education. Prerequisite, 15 hours of credit in biological science including plant and animal study. Open to juniors and seniors.

Note

The biological science major may include 10 hours of agriculture other than General Agriculture.

2. Earth Science

I. Principles of Physiography—5 hours. The origin of land forms, the agencies and processes at work producing them. An interpretation of life as affected by physiography. Interpretation of topographic maps. Field trips into the local region. Open to freshmen and sophomores.

II. Physiography of the United States—5 hours. A detailed study of the various physiographic regions of the United States will be taken up from the standpoint of their origin, types of rocks and soils present. Open to freshmen and sophomores.

III. Principles of Geology—5 hours. The origin, history and structure of the earth. Great processes and changes at work. Laboratory and field work. Open to freshmen, sophomores and juniors.

IV. Mineralogy—5 hours. The common minerals, character of crystals, description and determinative mineralogy. Prerequisite, high school or college physics or inorganic chemistry. Open to juniors and seniors.

V. Climatology—5 hours. A study of the air, its composition and physics, moisture, weather forecasting and map making, climate and instruments used in gathering data. Open to sophomores, juniors and seniors.

VI. Astronomy I—5 hours. The fundamental facts and laws of astronomy. The uses of various astronomical instruments. A general knowledge concerning the heavenly bodies. Open to sophomores, juniors and seniors.

VII. Elements of Geography I—5 hours. The fundamental principles of man's adjustments to climate, surface, soil, water resources, mineral resources and other natural features. Emphasis placed upon the ways in which man fits his food, his clothing, his shelter, his work to the various major types of natural environments. Open to freshmen, sophomores and juniors.

VIII. Elements of Geography II—5 hours. For teachers of geography in the grades and junior high school. Problem organization of subject matter for the various grades, selection and use of textbooks and supplementary material, collection of illustrative material, objective tests, field trips, purposeful map and graph work. Prerequisite, Elements of Geography I. Open to sophomores, juniors and seniors.

IX. Commercial and Industrial Geography—5 hours. A study of the commodities entering into international trade, trade routes of the world and ocean transportation. Credit only on commercial curriculums and for those who major in earth science. Open to freshmen and sophomores.

X. Geography of Europe—5 hours. A regional study of the continent of Europe, the economic development of the various sections as related to the natural environment. Present day problems and the bearing of natural resources upon their solution. Open to sophomores, juniors and seniors.

XI. Geography of North America—5 hours. A study of the continent by major geographic regions. More intensive study of the regions of the United States. Problem organization to show the relationships between the economic activities and the natural environment. Open to sophomores, juniors and seniors.

XII. Geography of South America—5 hours. Investigations of trade opportunities in South America. The economic activities of the major geographic regions as reflecting the present day utilization of the natural resources. Possibilities for future development. Open to sophomores, juniors and seniors.

XIII. Influence of Geography upon American History—5 hours. Correlation of geography and American history. A study of the geographic conditions which have influenced the course of American history. Prerequisite, entrance credit or college credit in American history. Open to juniors and seniors.

XIV. Conservation of Natural Resources—5 hours. The natural resources of the United States: the soils, the water supply, the forests, the grasslands, the minerals. The past exploitations of these resources and the movement to better utilization by such means as scientific forestry, reclamation of waste lands, checking of erosion. Open to juniors and seniors.

Note

The earth science major may include 10 hours from Soils, Soil Fertility and Chemistry I and II.

3. Agriculture

I. General Agriculture—5 hours. An introductory course giving some principles along the main general lines of the subject. Three recitations and four laboratory periods per week. Not credit for those who have one or more units of entrance credit in agriculture. Open to freshmen and sophomores.

II. Dairy Cattle—3 hours. Breeds, types, judging and marketing dairy cattle. Open to freshmen, sophomores and juniors.

III. Beef Cattle and Sheep—3 hours. Breeds, types, grades, marketing and judging. Open to freshmen, sophomores and juniors.

IV. Testing Dairy Products—2 hours. Milk and its products. Open to sophomores, juniors and seniors.

V. Swine—2 hours. Breeds, types, judging, market classes and grades. Open to freshmen, sophomores and juniors.

VI. Horses—2 hours. Types, breeds, classes, grades, judging. Open to freshmen, sophomores and juniors.

VII. Soils—3 hours. Management of soils to realize maximum production. Open to freshmen, sophomores and juniors.

VIII. Horticulture—2 hours. The management of orchard, bush and small fruits. Harvesting and marketing. Open to freshmen, sophomores and juniors.

IX. Farm Crops—5 hours. The important field crops of Iowa are considered. Open to juniors and seniors.

X. Weeds—2 hours. Identification and control of our common weeds. Open to sophomores, juniors and seniors.

XI. Feeds and Feeding—3 hours. Balanced rations, best methods of feeding farm animals. Open to juniors and seniors.

XII. Principles of Breeding—2 hours. Laws of breeding and care of breeding stock. Open to juniors and seniors.

XIII. Farm Poultry—2 hours. Classes, breeds, varieties, management. Open to sophomores, juniors and seniors.

XIV. Soil Fertility—2 hours. Plant food materials and permanent agriculture. Open to sophomores, juniors and seniors.

XV. Farm Management—3 hours. Various kinds of farming and the relation to the different factors involved. Open to sophomores, juniors and seniors.

XVI. Marketing Agricultural Products—3 hours. A functional study of grain, live stock and produce marketing and the various steps involved in each, with special application to co-operative methods as applied to farming. Open to sophomores, juniors and seniors.

XVII. Methods in Agriculture—5 hours. This course treats both general and special phases of agriculture. The aim in agriculture, the content of the course, methods of presentation and the necessary references. Those who major in agriculture may substitute this credit for 5 hours of required work from section C in education. Open to juniors and seniors.

Note

The agriculture major may include 10 hours from Elements of Geography, Botany, Bacteriology and Chemistry I and II.

ORCHESTRAL MUSIC

1. Classroom Work

I. Orchestra Conducting I—1 hour. Two periods per week. One period per week is devoted to the theoretical side of the subject, including the study of the string orchestra and the preparation of scores for strings and the other is devoted to the practical technique of the baton. Prerequisite, 3 hours of college credit in applied music other than voice. Open to sophomores, juniors and seniors.

II. Orchestra Conducting II—1 hour. Two periods per week. A study of the instrumentation of strings in combination with wood-wind. Preparation of scores. Prerequisite, Orchestra Conducting I, or equivalent preparation. Open to sophomores, juniors and seniors.

III. Orchestra Conducting III—1 hour. Two periods per week. A study of the instrumentation of strings, wood-wind, brass and percussion; the symphony orchestra, the small orchestra, score reading, reduction of large scores and cross-cueing. Conducting of the full orchestra. Prerequisite, Orchestra Conducting II or equivalent preparation. Open to sophomores, juniors and seniors.

IV. Normal Course in Violin I—1 hour. Two periods per week. One period is devoted to a study of various beginning violin methods and of the proper presentation of this material to the student, the other period consists of applied instruction in violin classes meeting one hour per week. Open to advanced students who are sophomores, juniors or seniors.

V. Normal Course in Violin II—1 hour. Two periods per week. A study of intermediate grade material. Teaching of intermediate grade classes. Prerequisite, Normal Course in Violin I. Open to sophomores, juniors and seniors.

VI. Normal Course in Violin III—1 hour. Two periods per week. A study of more advanced grade teaching material including standard

studies and solos. Teaching of more advanced classes and individuals. Prerequisite, Normal Course in Violin II. Open to sophomores, juniors and seniors.

VII. First Supervisors Violin—Drill credit. Two days per week. Open only to students on a public school music curriculum. Class work for the study of elementary violin.

VIII. Second Supervisors Violin—Drill credit. Two days per week. Open only to students on a public school music curriculum. Intermediate work. Prerequisite, First Supervisors Violin or equivalent preparation.

IX. Third Supervisors Violin—Drill credit. Two days per week. Open only to students on a public school music curriculum. Advanced work. Prerequisite, Second Supervisors Violin.

X. Band Masters Course—Drill credit. This work embodies a practical and observational study of conducting and managing school and community bands. Two periods per week. To take this work the student needs to register for at least one private lesson per week on one of the fundamental reed or brass instruments. Prerequisite, private instruction on a wind instrument for at least thirty-six weeks or brass and wood-wind ensemble for thirty-six weeks. The student needs to possess a high degree of skill with his major instrument before taking up this work. Open to collegiate and sub-collegiate students.

When the student has become suitably proficient, he may secure, by vote of the faculty, a Statement of Proficiency showing that he is capable of taking charge of a school or community band.

XI. Counterpoint. (See courses in "Music".)

2. Applied Music

I. Violin, Viola, Cello, Bass, Harp—1 to 12 hours in each line. The first three hours are open to freshmen, sophomores and juniors; and the fourth to twelfth hours are open to sophomores, juniors and seniors.

II. Wind Instruments—1 to 6 hours in each line. The first 3 hours are open to freshmen, sophomores and juniors; and the fourth to sixth hours are open to sophomores, juniors and seniors.

Notes

1. One or two lessons per week and five hours practice per week for a period of twelve weeks will give 1 hour of credit. This work may be chosen as an accomplishment for its cultural value or for the more serious purpose of teacher or soloist.

2. The outline of study for the violin will include: Scales, finger exercises, bowing studies; schools and studies by Beriot, Sevcik, David, Kayser; scales and arpeggio in three octaves; studies by Sitt, Schoen, Dont, Kreutzer, Fiorillo and Rode; Sonatas by Corelli, Handel and Tartini; Concertos by Viotti, Beriot, Kreutzer, Rode, Spohr, Bach; a Vieuxtemps Concerto, the Mendelssohn Concerto, the Bruch G Minor Concerto, or the Wieniawski D Minor Concerto or their equivalent on recital program; miscellaneous standard solos by various composers of the classic and modern school.

3. The course of study for the cello will follow an outline similar to that given above for the violin, using the Daily Exercises of Grutzmacher; studies by Schroeder, Lee, Dotzauer, Buchler, Franckomme, Merk, Grutzmacher, Kummer, Piatti, Dupont, Berteau, Servais and

Cossman; Concertos by Romberg, Bach Sonatas for cello alone, Caprices by Franchomme, Piatti and Servais; Sonatas by Corelli, Marcello, Haydn, Rubenstein, Boccherini, Locatelli, Beethoven, Brahms, Grieg and Saint Saens; Concertos by Volkmann, Molique, Servais, Saint Saens, Popper, Lalo, Klengel, Haydn and Dvorak—besides miscellaneous standard solos, at least one each of the last two groups (or their equivalents) to be played in recital.

4. The work with wind instruments includes the flute, oboe, clarinet, bassoon, cornet, trombone, bassett horns, French horn, sarrusophones and corresponds in general with the work on the violin. Not more than 1 hour credit may be given for work with the saxophone.

5. String Ensemble. Opportunity is offered for the study and performance of chamber music literature; Sonatas, Trios, Quartettes, Quintettes, etc. Open to advanced students in piano, violin, viola, cello, bass and harp.

6. The demand for competent orchestral conductors in our public schools is of growing importance and it is the aim of this department to equip the student with the essential requirements, which should include a practical knowledge of one orchestral instrument.

7. **Free Advantages**—When students are sufficiently advanced they are admitted to the following organizations:

- a. The College Orchestra, conducted by Edward Kurtz, for the study and performance of standard orchestral literature.
- b. The College Band, conducted by F. L. McCreary. This organization furnishes music for the various games and entertainments of the college.
- c. The Training School Orchestra. An orchestra for elementary players where the first principles of orchestral experience are acquired.
- d. The Junior Band. A beginner's band—the first step to the larger college band.
- e. The Band Masters Course is free to students who have enrolled for class work.

8. **Instruments Loaned.** Of special importance to beginners or prospective players is the privilege of borrowing from the large collection of orchestral instruments under conditions of service to the college orchestra and band.

9. A Statement of Proficiency in any of the wind instruments or in Band Management and Directing may be given upon the recommendation of the head of the department and approval of the faculty, provided that the student has completed sufficient academic credit to give full entrance to a collegiate curriculum at this institution, has completed one year of resident credit in the music line pursued and has given a satisfactory public appearance. Band and orchestral work shall be required while in residence at the discretion of the teacher in charge. The fact that such a statement has been awarded shall be placed on record and incorporated as a part of the student's transcript of record. Recitals and concerts given at the college constitute an integral part of the student's work.

10. Students on degree curriculums who major in public school music may have 24 hours in applied music. Those on the public school music curriculum may have 18 hours in applied music. Students on degree curriculums who do not major in public school music may elect 10 hours in applied music. Those on collegiate diploma curriculums other than public school music may elect 5 hours in applied music.

11. Three terms of band practice in the college band two or more days per week may be substituted for three terms of physical training with the provision that any student desiring such a substitution shall register for this work instead of for physical training and that a record of attendance for such student shall be kept and a credit reported by the instructor on the same basis as is required for credit in physical training.

12. For further information see "Special Music Curriculums".

PHYSICAL EDUCATION

1. Physical Education

I, II. Anatomy I and II—Each 5 hours. Gross anatomy of the osseous, muscular and nervous systems and of the vital organs. Open to freshmen, sophomores and juniors.

III. Kinesiology—3 hours. The analysis of the joint and muscular mechanism of various movements involved in gymnastics, games and dancing, and the movements of everyday life in relation to the problem of bodily development and efficiency. Prerequisite, Anatomy I and II. Open to sophomores, juniors and seniors.

IV. First Aid to the Injured—2 hours. A Red Cross First Aid Certificate is awarded to those who pass the examination. Open to freshmen, sophomores and juniors.

V. Play and Playground—3 hours. Theory, nature and function of play. Games for various ages. Playground equipment and supervision. Not credit for those who major in physical education. Open to freshmen and sophomores.

VI. Club Craft and Leadership—2 hours. A study of girls' club work and its correlation with the physical education program of the public school; a study of the organization and administration of such girls' clubs as Camp Fire Girls, Girl Scouts, Girl Reserves, etc. Open to sophomores, juniors and seniors.

VII. *Physical Education I—5 hours. The principles, objectives and scope of physical education. The aims of gymnastics and the technique of gymnastic teaching, both formal and natural. The study of the posture of school children. Open to sophomores, juniors and seniors.

VIII. *Physical Education II—5 hours. Consideration of the various theories of play; its nature; instincts and natural play activities; play in education; age characteristics and adaptation of play material to these ages leading to a rational play program in public schools; equipment and supervision of the school playground; organization and management of public playgrounds, parks and recreation centers with history of the playground movement in America. Open to sophomores, juniors and seniors.

IX. Physical Education III—3 hours. The principles and technique of teaching swimming, life saving and basketball. Basketball officiating. Open to sophomores, juniors and seniors.

X. Physical Education IV—2 hours. The principles and technique of teaching and officiating soccer, hockey and tennis. Open to sophomores, juniors and seniors.

* Credit only for those who major in physical education or in coaching and athletics.

XI. Physical Education V—3 hours. The principles and technique of teaching and officiating indoor baseball, track and field; a study of motor ability tests; the organization and administration of track meets and play days. Open to sophomores, juniors and seniors.

XII. Physical Education VI—2 hours. The philosophy of the dance. The dance as an educational activity. Its technique. Teaching methods. Open to sophomores, juniors and seniors.

XIII. History of Physical Education—2 hours. Open to sophomores, juniors and seniors.

XIV. *School Health Problems—2 hours. Application of the study of physical measurements, methods and significance; growth characteristics and interferences; laws of habit formation to the field of health education. Methods of hygiene instruction including use of devices, posters, stories, etc., in the formation of health habits. Open to juniors and seniors.

XV. *Physical Diagnosis—3 hours. Means of determining abnormal conditions of the body. Symptomatology of the common defects and diseases of school children. Prerequisite, Anatomy I and II and Physiology I (a). Open to juniors and seniors.

XVI. *Physiology of Exercise—3 hours. A study of the effects of exercise upon the various organic functions of the body. A comparative study of exercises of strength, speed and endurance. Experiments with the sphygmograph, sphygmomanometer and ergograph. Prerequisite, Anatomy I and II and Physiology I (a). Open to juniors and seniors.

XVII. *Corrective Gymnastics and Massage—3 hours. Causes, diagnosis and treatment of posture defects including antero-posterior and lateral deviations of the spine. Causes, diagnosis and treatment of foot defects. Principles, technique and practice of massage. Prerequisite, Kinesiology. Open to juniors and seniors.

XVIII. *Physical Department Administration—3 hours. Administration of a school program in physical education. Equipment and care of gymnasiums. Special problems confronting teachers of physical education. Open to juniors and seniors.

Notes

1. Students who major in physical education are required to take floor work, games, and other practical activities organized by the department in accordance with the needs of such specialization. This work includes fundamentals of movement; gymnastics; folk dancing, social, interpretative, national and clog dancing; swimming and life saving; track and field athletics; hockey and soccer; tennis; archery; volleyball; baseball; basketball; unorganized games; simple team games; etc.

2. All other students are required to take work in physical training each fall, winter and spring term until six terms of credit have been secured. This work is selected from those activities mentioned in note 1 above. Recreational Music may be substituted for one term of physical training.

3. A Statement of Proficiency in Swimming may be secured by those who meet the department requirements in this line.

* Credit only for those who major in physical education or in coaching and athletics.

4. Regulation gymnasium suits and equipment are required of all women.

2. Coaching and Athletics

I. Theory of Football I—3 hours. The fundamentals of football coaching, kicking, passing, interference, tackling and the elementary principles of line and backfield work. Football rules. Ten hours of theory and practice. Open to freshmen, sophomores and juniors.

II. Theory of Football II—3 hours. An intensive study of team play offensive and defensive systems, signal systems and scouting. Ten hours of theory and practice. Open to freshmen, sophomores and juniors.

III. Theory of Football III—3 hours. Football coaching under supervision. The coach's problems, building formations and plays, strategy and generalship. Observation work. Prerequisite, Theory of Football I or II. Open to juniors and seniors.

IV. Theory of Basketball I—3 hours. The fundamentals of basketball, goal throwing, passing, dribbling, stops and turns. Rules. Ten hours of theory and practice. Open to freshmen, sophomores and juniors.

V. Theory of Basketball II—3 hours. The selection of plays. The execution of plays from tip-off, out-of-bounds and foul shot positions. Offensive and defensive methods. Ten hours of theory and practice. Open to freshmen, sophomores and juniors.

VI. Theory of Basketball III—3 hours. Coaching under supervision. Training and conditioning. Observation work. Ten hours of theory and practice. Prerequisite, Theory of Basketball I or II. Open to juniors and seniors.

VII. Theory of Track I—3 hours. Forms and methods of starting, sprinting, hurdling, distance running, pole vaulting, high and broad jumping, shot putting, discus and javelin throwing. Ten hours of theory and practice. Open to freshmen and sophomores.

VIII. Theory of Track II—3 hours. Theory of coaching different track and field events. Massage, treatment of sprains and conditioning of men. Rules. Ten hours of theory and practice. Open to juniors and seniors.

IX. Theory of Baseball I—3 hours. Fundamentals of baseball, fielding, batting, baserunning and pitching. A study of the various positions. Rules. Open to freshmen and sophomores.

X. Theory of Baseball II—3 hours. The development of team play. Points on "inside" baseball. Umpiring. Coaching under supervision. Ten hours theory and practice. Open to juniors and seniors.

XI. Theory of Gymnastics—2 hours. Gymnastic marching tactics. Elementary exercises on bars, horse, mats, etc. Daily theory and practice. Open to juniors and seniors.

XII. Theory of Wrestling—2 hours. Different holds, counters, etc. Daily theory and practice. Open to juniors and seniors.

XIII. Theory of Swimming—2 hours. Elementary swimming and diving. Methods of rescuing and resuscitation. Daily theory and practice. Open to juniors and seniors.

XIV. Theory of Mass Athletics—2 hours. Athletic competition for

large numbers of contestants adapted to playground, school room and gymnasium. Daily theory and practice. Open to juniors and seniors.

XV. Organization and Administration of Athletics—3 hours. Purpose of athletics, intermural plan, efficiency tests, playground work and scout leadership. Interscholastic athletics, games, track meets, tournaments. Business administration, sportsmanship and ethics. Open to juniors and seniors.

Summer Term Courses.

XVI. Theory of Football IV—2 hours. The theoretical work will take up offensive and defensive systems from the viewpoint of the coach. Rules for the coach, the official and the player. Five hours of theory and practice. Open to sophomores, juniors and seniors.

XVII. Theory of Basketball IV—2 hours. A course for coaches in the theory and art of basketball. Fundamentals. Offensive and defensive systems. Rules. Five hours of theory and practice. Open to sophomores, juniors and seniors.

XVIII. Theory of Track III—2 hours. A course for the coaching of track and field events. The conditioning of men and the management and promotion of meets. Rules. Five hours of theory and practice. Open to sophomores, juniors and seniors.

XIX. Theory of Baseball III—2 hours. The theory of coaching, umpiring, team work, pitching, etc. Rules. Five hours of theory and practice. Open to sophomores, juniors and seniors.

Notes

1. Those who major in coaching and athletics must take Physiology I (a) and First Aid to the Injured.

2. The major may include Physiology I (a), First Aid to the Injured, Anatomy I and II, Hygiene and Sanitation, History of Physical Education and Corrective Gymnastics and Massage.

3. The maximum credit that may be used toward meeting the requirements for graduation in theory of football is 9 hours, in theory of basketball, 9 hours, in theory of baseball, 6 hours and in theory of track, 6 hours.

4. Any student taking "Theory" courses I to X need not register for physical training during the term and any student receiving credit for one or more of these courses is released from a corresponding number of term credits in physical training.

5. Five hours is the minimum amount of credit in the "Theory" courses mentioned above that may be used toward meeting the requirements for graduation from a two year curriculum and 8 hours is the minimum for a degree curriculum.

6. Ten hours is the maximum amount of credit that may be used toward meeting the requirements for graduation for those who do not major in coaching and athletics.

7. Each student is required to take physical training each fall, winter and spring term until six term credits have been secured except as indicated in note 4 above.

8. A Statement of Proficiency in Swimming or in Scout Leadership may be secured by those who become sufficiently proficient in either or both of these lines.

PHYSICS AND CHEMISTRY**1. Physics**

I. Physics A—5 hours. Mechanics, sound and light. This course in general physics is open to those who have not had physics for entrance credit. Open to freshmen and sophomores.

II. Physics B—5 hours. Heat, electricity and magnetism. This course supplements course I above. Open to freshmen and sophomores.

III. Physics I—Mechanics—3 hours. Not credit for those who have had Physics A. Prerequisite, high school physics or equivalent preparation. Open to freshmen, sophomores and juniors.

IV. Physics II—Laboratory Physics in Mechanics—2 hours. Double periods twice a week. The laboratory exercises consist of varied application of the principles of mechanics studied in Physics I. Not credit for those who have had Physics A. This course should accompany Physics I. Open to freshmen, sophomores and juniors.

V. Physics III—Sound and Light—3 hours. The various topics of light are presented from the standpoint of both geometrical and physical optics. Prerequisite, Physics I or Physics A and B or equivalent preparation. Open to freshmen, sophomores and juniors.

VI. Physics IV—Laboratory Physics in Sound and Light—2 hours. Double periods twice a week. Prerequisite, Physics I and II or Physics A and B. This course should accompany Physics III. Open to freshmen, sophomores and juniors.

VII. Physics V—Heat, Electricity and Magnetism—3 hours. A theoretical study of the elements of heat, electricity and magnetism along more advanced lines than is given in a secondary course. Prerequisite, Physics I or Physics A and B or equivalent preparation. Open to freshmen, sophomores and juniors.

VIII. Physics VI—Laboratory Physics in Heat, Electricity and Magnetism—2 hours. Double periods twice a week. This course should accompany Physics V. Prerequisite, Physics I and II or Physics A and B or equivalent preparation. Open to freshmen, sophomores and juniors.

IX. Physics VII—Advanced Mechanics—3 hours. Double periods three times a week. Much library reading in preparation for the laboratory work is demanded in the advanced laboratory courses. The experimental work of this course is devoted particularly to problems of moment of inertia and of harmonic motion. Prerequisite, Physics I and II or equivalent preparation. Open to sophomores, juniors and seniors.

X. Physics VIII—Advanced Course in Light—3 hours. Double periods, three times a week. Embraces experiments with spectrometer, gratings and interferometer. Prerequisite, Physics III and IV or equivalent preparation. Open to sophomores, juniors and seniors.

XI. Physics IX—Advanced Course in Electricity and Magnetism—5 hours. Double periods five times a week. This course brings in the use of the magnetometer and the Quadrant electrometer. Some measurements of the coefficients of induction. Experiments in radioactivity using the gold leaf electroscope mounted with reading telescope. Prerequisite, Physics V and VI or equivalent preparation. Open to juniors and seniors.

XII. Physics X—Teachers' Course in Physics—5 hours. Intended for students preparing to be teachers of physics in secondary schools. The student will perform many experiments so as to thoroughly acquaint himself with the best laboratory devices. The history of physics and the best methods of teaching it. Prerequisite, 10 hours of college physics (for teachers of physics this prerequisite could be set aside during the summer term). Credit for this course may be substituted for 5 hours of credit from section C in education for those who major in physics or in physical science. Open to juniors and seniors.

XIII. Physics XI—Alternating Currents—2 hours. An elementary course preparatory to Physics XII. Prerequisite, Physics I, II, V and VI or equivalent preparation. Open to sophomores, juniors and seniors.

XIV. Physics XII—Radio and Wireless—3 hours. The first half of the course is devoted to a study of alternating current phenomena, problems of capacity and inductance; the last half to a practical study of the various forms of commercial wireless telegraphy and telephony. Prerequisite, Physics I, V and VI. This course must be preceded or accompanied by Physics XI. Open to sophomores, juniors and seniors.

XV. Physics XIII—Everyday Physical Science—5 hours. The student's environment is particularly considered so that he can better interpret to the child mind the common phenomena of inanimate nature. An attempt is also made to understand the working principles of the more common inventions of man in the home and elsewhere. Credit only on kindergarten, primary, elementary teacher and consolidated school curriculums. Open to freshmen and sophomores.

XVI. Physics XIV—Mechanics, Light, Electricity—5 hours. Credit only on physical education curriculum. Open to freshmen and sophomores.

XVII. Physics XV—Sound and Music—3 hours. The first half consists of an elementary study of the physics of sound. Each student is required to perform about fifteen exercises in the laboratory. The last half of the term is devoted to the musical side of the subject. Credit only on music and degree curriculums. Open to freshmen, sophomores and juniors.

XVIII. Physics XVI—Household Physics—3 hours. Credit only on home economics curriculums. Open to sophomores, juniors and seniors.

XIX. Physics XVII—General Physical Science—5 hours. This deals with the fundamental principles and important applications of the physical sciences. A non-mathematical course, rich in experimental demonstration. Designed especially for those preparing to teach general science in high schools. Credit only on degree curriculums. Open to freshmen and sophomores.

XX. Modern Physics—5 hours. A introductory course in radioactive and electronic phenomena in general. Prerequisite, Physics I, II, V, VI. Open to juniors and seniors.

XXI. Applied Electricity and Magnetism—5 hours. Credit only on manual arts curriculums. Prerequisite, high school physics. Open to freshmen and sophomores.

Note

The physics major may include 10 hours from chemistry, Analytical Geometry and Calculus.

2. Chemistry

I. General Inorganic Chemistry I—5 hours. Three recitations and two double periods in laboratory. Open to freshmen, sophomores and juniors.

II. General Inorganic Chemistry II—5 hours. Continuing the theoretical work of the preceding term. Three recitations and two double periods in laboratory. Open to freshmen, sophomores and juniors.

III. Chemistry of Metals and Qualitative Analysis—5 hours. A basis for a comprehensive study of the properties of the metallic elements. Two recitations and three double periods in laboratory. Open to freshmen, sophomores and juniors.

IV. Organic Chemistry—5 hours. A short course in the essentials of the subject. Prerequisite, courses I and II. Three recitations and two double periods in laboratory. Open to sophomores, juniors and seniors.

V. Quantitative Analysis (Gravimetric):

(a)—3 hours. The elementary principles of gravimetric analysis are studied and practiced in the analysis of a number of salts and commercial products. Three double periods per week and a weekly conference. Valuable for later professional courses. Prerequisite, Chemistry III. Open to sophomores, juniors and seniors.

(b)—2 hours. A continuation of V (a). Desirable for further preparation in analytical work. Two double periods per week. Course V (a) must precede or accompany this course. Open to sophomores, juniors and seniors.

VI. Quantitative Analysis (Volumetric):

(a)—3 hours. An introduction to the principles and practices of analytical chemistry by volumetric methods. Three double periods per week and a weekly conference. Valuable for later professional courses. Open to sophomores, juniors and seniors.

(b)—2 hours. A continuation of VI (a). Especially essential for those who major in chemistry. Two double periods per week. Course VI (a) must precede or accompany this course. Open to sophomores, juniors and seniors.

VII. Water Analysis:

(a) **Sanitary Water Analysis**—2 hours. A short course in the analysis of drinking water, treated from the standpoint of the sanitary chemist. Prerequisite, course III above. Two double periods in laboratory. Open to juniors and seniors.

(b) **Mineral Water Analysis**—3 hours. Estimation of the mineral constituents of waters with reference to their availability for technical purposes. Prerequisite, course III above. Three double periods in laboratory. Open to juniors and seniors.

VIII. Physical Chemistry—3 hours. Prerequisite, courses I, II, III above. Open to juniors and seniors.

IX. Special Laboratory Course—5 hours. This may be arranged to cover the various kinds of analytical work desired by the student. Facilities are provided for the analysis of iron and steel, coal, soil and for advanced organic laboratory practice. Five double periods in laboratory. Open to sophomores, juniors and seniors.

X. General Inorganic Chemistry—5 hours. Designed especially for students taking home economics. A study of chemical substances,

processes and theories with reference to the home. Open to freshmen, sophomores and juniors.

XI. Inorganic and Organic Chemistry—5 hours. A continuation of course X. This course completes inorganic chemistry and takes up the elementary principles of organic chemistry. Open to freshmen, sophomores and juniors.

XII. Organic Chemistry—3 hours. Required of students who major in home economics. Prerequisite, Chemistry I and II or Chemistry X and XI. Open to freshmen, sophomores and juniors.

XIII. Chemistry of Food and Nutrition—5 hours. Required of students who major in home economics. Open to other students who have met the prerequisite. This course takes up the various foods with the chemistry of their digestion and of their transformation into each other in the body. Prerequisite, course IV or XII. Open to sophomores, juniors and seniors.

XIV. Advanced Nutrition Chemistry—2 hours. This includes a more complete study of metabolism. One recitation and one double period in laboratory. Open to juniors and seniors.

XV. Food Analysis—5 hours. A course in the proximate analysis of the common foods in a quantitative way. Two recitations and three double periods in laboratory. Prerequisite, course IV or XII above. Open to sophomores, juniors and seniors.

XVI. Textiles:

(a) **Textile Chemistry**—3 hours. This course covers the study of the various fibers used in the textile industry and the specific tests that may be made for them. Prerequisite, courses I and II above. Three double periods in laboratory. Open to juniors and seniors.

(b) **Chemistry of Cleaning and Dyeing**—2 hours. The various methods of dyeing are investigated in a laboratory way. Theories of dyeing are studied. Prerequisite, course IV above. Two double periods in laboratory. Open to juniors and seniors.

XVII. Elementary Inorganic and Organic Chemistry—5 hours. A course presenting the basic principles and laboratory technique. Designed to provide a foundation for the proper comprehension of the second term of chemistry. Credit only on the physical education curriculum. Open to freshmen and sophomores.

XVIII. Physiological Chemistry—5 hours. The chemistry of digestion, metabolism, muscular action and other physiological processes. Credit only on the physical education curriculum. Prerequisite, Chemistry XVII. Open to freshmen and sophomores.

XIX. Chemistry of Non-metals—5 hours. A condensed course designed for students who present entrance credit in chemistry. Not open to students who have credit for Chemistry I, II, X or XI. Three recitations and two double laboratory periods per week. Open to freshmen, sophomores and juniors.

3. Physical Science Major

Those who major in physical science must have credit for 15 hours of physics and 15 hours of chemistry and 20 hours in physical science that is not open to freshmen. Ten of the additional hours should be open only to juniors and seniors. The maximum in physical science and any other major line in the same group may not exceed 60 hours, except that if the minor is also in this group the combined maximum may be 75 hours. Physical science may not be used as a minor.

Note

The chemistry major may include 10 hours from Physics I to VI inclusive.

PRIMARY

(See courses in education and in the department of teaching)

PSYCHOLOGY

(See courses in education)

PUBLIC SPEAKING

(See courses in English)

RELIGIOUS EDUCATION**A. The Literature of the Bible.**

I. Origin of Biblical Literature—3 hours. Traces the beginnings of sacred books in oral traditions, the processes of collection into one book and the various translations of history out of manuscripts into King James and modern versions. Open to sophomores, juniors and seniors.

II. Bible as Literature—3 hours. This is a study of the Bible in its literary values of narratives, poetry, wisdom, parable, etc. Open to freshmen, sophomores and juniors.

B. The Bible as Hebrew History

III. Rise and Organization of Hebrew History—3 hours. Follows monotheistic faith from Abraham to Moses and an interpretation of Genesis, Exodus, Leviticus, Numbers and Deuteronomy. Open to sophomores, juniors and seniors.

IV. The Kingdom Ideal of Hebrew Messianism—2 hours. Covers the periods of conquest, Judges and rise of monarchy as found in books of Joshua, Judges, Samuel and Kings. Open to freshmen, sophomores and juniors.

V. Shattering of Political and Rise of Spiritual Messianism—3 hours. This course traces the two centuries of struggle between Kings and pre-exilic Prophets which culminated in both the Assyrian and Babylonian exile. Open to freshmen, sophomores and juniors.

VI. Exilic Prophets of Restoration—2 hours. We here study the exile, rise of Cyrus, visions of Zion rebuilt and the return of the Jews to their home-land under inspiration of Ezekiel, Jeremiah, Haggai, Zechariah, Nehemiah and Ezra. Open to sophomores, juniors and seniors.

VII. The Rise and Development of Judaism—3 hours. A review of four centuries preceding Jesus, including period of Maccabees, origin of Jewish sects, rise of the apocalyptic Messiah, and literature and their development into legalism of New Testament times. Open to sophomores, juniors and seniors.

C. The New Testament—Early Christianity

VIII. The Synoptic Life of Jesus—2 hours. In the setting of the fall of Jerusalem we interpret Mark, Matthew and Luke in their chronological order. Open to freshmen, sophomores and juniors.

IX. The Life and Letters of Paul—3 hours. In the background of Acts we trace the rise of the great apostle and his extension of Christianity to Gentiles; and read, in their historic setting, portions of his

thirteen letters. Prerequisite, The Synoptic Life of Jesus. Open to sophomores, juniors and seniors.

X. General Epistles of the New Testament—2 hours. First century Christianity is studied as it is reflected in Acts, Hebrews, James, Peter and Jude. Prerequisite, The Synoptic Life of Jesus. Open to freshmen, sophomores and juniors.

XI. Letters and Revelation of John—3 hours. This course presents the Asia Minor civilization, the impact of Christianity and the ministry of John among them as suggested in his letters and in Revelation. Prerequisite, The Synoptic Life of Jesus. Open to sophomores, juniors and seniors.

XII. The Gospel of John—2 hours. An interpretation of this last written book of the Bible in terms of the Asia Minor confusion of religious life in which it was written. Prerequisite, The Synoptic Life of Jesus. Open to sophomores, juniors and seniors.

D. Principles of Religious Education

XIII. Technique of Instruction in Religious Education—2 hours. A study of methods, materials, organization and curriculums selected for use in daily vacation schools, daily continuance schools and similar public school programs. Open to sophomores, juniors and seniors.

XIV. Biblical Ethics—3 hours. Beginning with the decalogue this course follows the development of ethical standards from the legalistic to the voluntary motivations of life. We review the Gospels for their contributions to the individual, family, social life, public welfare and moral forces of progress. Open to sophomores, juniors and seniors.

Note

Five hours of credit in religious education may be used on two-year curriculums, 10 hours on the three-year public school music curriculum and 15 hours on a degree curriculum.

ROMANCE LANGUAGES

1. French

I. *French I—5 hours. Familiarity with the elements of grammar, a correct pronunciation and training in simple conversation are the aims of this course. Open to freshmen, sophomores and juniors.

II. *French II—5 hours. Grammar and easy French reading. Drill in conversation and composition. Open to freshmen, sophomores and juniors.

III. *French III—5 hours. The aim of this course will be to read a number of the easier texts and to give the student practice in conversation. Prerequisite, one year of high school French or equivalent preparation. Open to freshmen, sophomores and juniors.

IV (a). Advanced Reading—3 hours. Texts will be selected from the better known fiction and drama of the nineteenth century. Prerequisite, two years of high school French or equivalent preparation. Open to sophomores, juniors and seniors.

IV (b). Conversation and Composition—2 hours. In this course an opportunity is furnished the student to acquire some familiarity with the grammar, idioms and vocabulary necessary for general conversation.

* The year's work must be completed if any credit is used in meeting the requirements for graduation.

Prerequisite, two years of high school French or equivalent preparation. Open to sophomores, juniors and seniors.

V (a). Advanced Reading—3 hours. A continuation of course IV (a) above. Open to sophomores, juniors and seniors.

V (b). Conversation and Composition—2 hours. A continuation of course IV (b). The course will presume some facility on the part of the student in the use of the more general vocabulary and idioms and will concentrate on the French of everyday life. Open to sophomores, juniors and seniors.

VI (a). Advanced Rapid Reading—3 hours. A maximum number of texts will be read with the purpose of accustoming the student to read French with facility. Open to sophomores, juniors and seniors.

VI (b). Advanced Composition and Conversation—2 hours. A continuation of course V (b). The aim of the course is to give the student a reasonable fluency in the use of French for conversation and correspondence. Open to sophomores, juniors and seniors.

VII (a), VIII (a), IX (a). French Literature of the 19th Century—Each 3 hours. A study of the various writers of the Romantic and Realistic schools. Open to juniors and seniors.

VII (b), VIII (b), IX (b). Advanced Grammar and Composition—Each 2 hours. A detailed study of grammar and the teaching of French. Open to juniors and seniors.

X, XI, XII. French Literature of the 17th and 18th Centuries—Each 3 hours. A study of the classical writers of France. Open to juniors and seniors.

XIII. Victor Hugo—2 hours. A study of the prose and poetry of Victor Hugo. Open to juniors and seniors.

XIV. Edmond Rostand—2 hours. A study of the lyric and dramatic poetry of Edmond Rostand. Open to juniors and seniors.

XV. Pierre Loti—2 hours. A study of the novels of Pierre Loti. Open to juniors and seniors.

XVI. The Teaching of French—2 hours. Those who major in French may substitute this credit for 2 hours from section C in education. Prerequisite, French VI or equivalent preparation. Open to juniors and seniors.

Notes

1. The French major may include 10 hours in Spanish from courses IV to IX.

2. Freshmen who have had two years of French in high school may take French IV, V, VI and may continue beyond French VI in the sophomore year.

2. Spanish

I. *Spanish I—5 hours. Familiarity with the elements of grammar, a correct pronunciation and training in simple conversation are the aims of this course. Open to freshmen, sophomores and juniors.

II. *Spanish II—5 hours. Grammar and easy Spanish reading. Drill in conversation and composition. Open to freshmen, sophomores and juniors.

* The year's work must be completed if any credit is used in meeting the requirements for graduation.

III. *Spanish III—5 hours. The aim of this course will be to read a number of the easier texts and to give the student practice in conversation. Prerequisite, one year of high school Spanish or equivalent preparation. Open to freshmen, sophomores and juniors.

IV (a). Advanced Reading—3 hours. Texts will be selected from the better known fiction and drama of the nineteenth century. Prerequisite, two years of high school Spanish or equivalent preparation. Open to sophomores, juniors and seniors.

IV (b). Conversation and Composition—2 hours. In this course an opportunity is furnished the student to acquire some familiarity with the grammar, idioms and vocabulary necessary for general conversation. Prerequisite, two years of high school Spanish or equivalent preparation. Open to sophomores, juniors and seniors.

V (a). Advanced Reading—3 hours. A continuation of course IV (a). Open to sophomores, juniors and seniors.

V (b). Conversation and Composition—2 hours. A continuation of course IV (b). The course will presume some facility on the part of the student in the use of the more general vocabulary and idioms and will concentrate on the Spanish of everyday life and business. Open to sophomores, juniors and seniors.

VI (a). Advanced Rapid Reading—3 hours. A maximum number of texts will be read with the purpose of accustoming the student to read Spanish with facility. Open to sophomores, juniors and seniors.

VI (b). Conversation and Composition—2 hours. A continuation of course V (b). The aim of the course is to give the student a reasonable fluency in the use of Spanish for conversation and correspondence. Open to sophomores, juniors and seniors.

VII (a), VIII (a), IX (a). Spanish Literature of the Seventeenth Century—Each 3 hours. A study of Cervantes and the classical dramatists. Open to juniors and seniors.

VII (b), VIII (b), IX (b). Advanced Grammar and Composition—Each 2 hours. A detailed study of grammar and the teaching of Spanish. Open to juniors and seniors.

Notes

1. The Spanish major may include 10 hours of French from courses IV to XV.

2. Freshmen who have had two years of Spanish in high school may take Spanish IV, V, VI and may continue beyond Spanish VI in the sophomore year.

3. Italian

I, II. *Italian I and II—Each 5 hours. Conducted similarly to French I, II and Spanish I, II. Open to sophomores, juniors and seniors.

III. *Italian III—Reading—5 hours. Typical extracts from the older and modern classics will be read. Open to sophomores, juniors and seniors.

* The year's work must be completed if any credit is used in meeting the requirements for graduation.

RURAL EDUCATION

(See courses in education)

SOCIAL SCIENCE**1. History**

I. Greek and Roman Civilization—5 hours. A study of the essential elements of Greek and Roman civilization which have contributed to human progress. Open to sophomores, juniors and seniors.

II. European History I—5 hours. Designed to give the student an acquaintance with the problems in the study of history and a survey of the period from the 5th to the 16th century, emphasis being placed on the factors of greatest importance in influence on later periods. Open to freshmen and sophomores.

III. European History II—5 hours. A study of the Reformation, the political revolution of the 17th and 18th centuries and the background of the French Revolution. Open to freshmen, sophomores and juniors.

IV. European History III—5 hours. Europe from 1789. The French Revolution, Napoleonic Period and the 19th century are emphasized. Open to sophomores, juniors and seniors.

V. Recent European History—5 hours. Special study of recent and contemporary problems to show how they have arisen and what results have followed. Growth of states, national imperialism, international relations, the World War and reconstruction since the War, are included for discussion. Open to juniors and seniors.

VI. English History I—5 hours. The connection between England and our own country is emphasized and a study made of the development of such institutions as have become part of our life. Open to freshmen, sophomores and juniors.

VII. English History II—5 hours. The history of England and the Empire since the 17th century; the triumph of parliamentary government; the significance of the American Revolution; the Industrial Revolution; the era of reform; political and social movements since 1867; the British Empire. Open to sophomores, juniors and seniors.

VIII. English Constitutional History—3 hours. A study of constitutional development over the entire period of English history. Origins and antecedents of constitutional institutions. Open to sophomores, juniors and seniors.

IX. American Colonial History—5 hours. A brief study of colonial settlements in America, their relation to mother country, social and industrial progress, causes leading to separation. Open to freshmen, sophomores and juniors.

X. American History I—5 hours. From 1789 to 1865. A general view of the movements most important previous to the Civil War. Special attention will be given to expansion, development of the West, tariff, slavery, our foreign policy and growth of nationality. Open to freshmen and sophomores.

XI. American History II—5 hours. The nation since 1865. Expansion, tariff, foreign relations. America's part in the World War. Current problems. Open to sophomores, juniors and seniors.

XII. Diplomatic History of the United States—5 hours. A general

course in the history of American foreign relations from the Revolution to the present time with emphasis upon such policies as the Monroe Doctrine and its changing interpretation, the rights of neutrals, colonial expansion and America's attitude toward the World War. A survey of the United States from a position of isolation to one of leadership in the family of nations. Open to sophomores, juniors and seniors.

XIII. History of the West—5 hours. This study traces the westward moving frontier and the effect that movements and influences originating on the frontier have had on American institutions and history. Special emphasis will be given to the history of Iowa covering early explorations and settlements, development of governmental organization, railroads and industries. Open to juniors and seniors.

XIV. History of Iowa—2 hours. The discovery and exploration of the Iowa country. The Indians, fur-traders and pioneer settlements. Iowa as a territory, its organization and development as a state with emphasis upon Iowa's part in national affairs. Open to freshmen, sophomores and juniors.

XV. Latin American History—3 hours. The South American states and their relation to the United States. Open to sophomores, juniors and seniors.

XVI. History of the Far East—3 hours. A brief survey of the Orient with special emphasis upon the recent history of China, Japan and India, and the relation of the western nations to these countries. Open to sophomores, juniors and seniors.

XVII. Teaching the Social Sciences—5 hours. A study of the objectives, content, problems and methods of instruction in the teaching of the social sciences. Those who major in history or government or economics may substitute this credit for 5 hours from section C in education. Open to juniors and seniors.

Note

The history major may include American Constitutional History, 5 hours.

2. Government

I. American Government—5 hours. A course covering republican form of government and constitutions of the state and nation. The organization and actual workings of American government in all its branches. Open to freshmen, sophomores and juniors.

II. Municipal Government—5 hours. A study of the structure and functions of city government in the United States with a brief background treatment of European cities. An analysis of the relation of the city to the state, of the governing organs of the city, of their influence and of their relation to each other. A brief consideration of the problems of municipal administration. Open to juniors and seniors.

III. Modern European Governments—5 hours. The government of each country is outlined and compared with that of the United States. England, France, Germany, Switzerland, Italy and the newer European states will be given special attention. Open to sophomores, juniors and seniors.

IV. Local Government and Problems—2 hours. A detailed study of the county, township and village of the United States and of such problems as order, public safety, administration of justice, enforcement

of law, good roads, institutional charity, etc. Open to sophomores, juniors and seniors.

V. Political Parties and Leaders—3 hours. A study of the origin, organization, methods and operation of political parties in the United States; of the career, purpose and achievements of prominent leaders. Open to sophomores, juniors and seniors.

VI. Principles of Political Science—3 hours. A discussion of the state, its nature, origin, sovereignty, relation to other states; of the separation of powers and of the theory and powers of each department; of the authority of the state over the individual. Open to freshmen, sophomores and juniors.

VII. American Political Theories—2 hours. A study of the evolution of American political ideas from the colonial times to the present day. Open to sophomores, juniors and seniors.

VIII. American Constitutional History—5 hours. A study of the constitutional phases of American history from the launching of the national government to the present time. Open to sophomores, juniors and seniors.

IX. Legislation—2 hours. A survey of the machinery and product of policy determining agencies in the governments of the world with special emphasis upon the work of American legislatures. Open to freshmen, sophomores and juniors.

X. State Government and Administration—3 hours. A comparative study of the evolution of state constitutions, of the structure of state governments, of the powers and functions of state agencies. A consideration of the modern problems of state sovereignty, police power and administrative consolidation. Open to sophomores, juniors and seniors.

XI. Legal Status of Women—2 hours. A discussion of the Common Law Status of women and the development of certain guarantees, especially in Iowa. Woman's rights and responsibilities in such respects as property holding, contract, guardianship, family expenses, etc., are discussed. Open to sophomores, juniors and seniors.

XII. Constitutional Law—5 hours. Federal jurisdiction and expressed powers, implied powers, citizenship, privileges and immunities of citizens, suffrage, taxation, laws impairing the obligations of contract, regulation of commerce, money, war. Open to sophomores, juniors and seniors.

XIII. International Law—5 hours. The development of the law of nations, its nature, source and present status; the equality of states; the doctrine of intervention; the laws of war and peace; the rights and duties of neutrals; the arbitration movement. Open to sophomores, juniors and seniors.

XIV. Colonial Government—2 hours. A study of the principles of governmental organization and administration of colonies and dependencies as developed by the leading colonial powers of the world such as England, France, Holland, United States, Japan and Italy. Governmental problems of the United States in connection with its territories and dependencies. Open to sophomores, juniors and seniors.

XV. School Laws of Iowa—3 hours. School corporations in general. School corporations in Iowa with the rights, powers, duties and responsibilities at law of school boards, school officers, superintendents

and teachers. The judicial interpretations of the school laws of Iowa. Open to juniors and seniors.

XVI. World Government and Politics—5 hours. A survey of the international relations of independent states as members of the world community revealed through a study of arbitration, alliances, conferences and congresses, the balance of power, the Hague Court and the League of Nations. Open to juniors and seniors.

XVII. Parliamentary Law and Practice—1 hour. A study of the recognized rules and practices governing the action of deliberative bodies. Open to freshmen, sophomores and juniors.

Note

The government major may include Teaching the Social Sciences, 5 hours, and Public Finance, 5 hours.

3. Economics.

I. Principles of Economics I—5 hours. A general course in the fundamental principles of economics. Open to freshmen, sophomores and juniors.

II. Principles of Economics II—5 hours. A more extended treatment of the fundamental principles of economics. Prerequisite, Principles of Economics I. Open to sophomores, juniors and seniors.

III. Economic History of the United States—5 hours. Commerce and industry as factors in colonization. Tariffs, commercial policies, the merchant marine, industry and trade. Open to freshmen and sophomores.

IV. Money and Banking—5 hours. A careful survey of the general principles of money and of the nature and functions of banks. Special attention will be given to the organization and management of the new currency system. Open to sophomores, juniors and seniors.

V. Corporation Finance and Investments—5 hours. A study of the methods used in financing new and old enterprises; analysis of different kinds of corporation securities and their status in reorganization and bankruptcy; the sale of and transfer of securities; the business cycle; factors to be considered in selecting investments. Open to sophomores, juniors and seniors.

VI. General Sociology—5 hours. A fundamental course for students in sociology. Facts, principles and laws which treat of the evolution of society, social processes, social control, etc. Open to sophomores, juniors and seniors.

VII. Rural Sociology—5 hours. A study of the institutions and problems affecting rural, social and economic life, including rural credits, good roads, the land question, agricultural production and marketing, income on farms, labor, recreation, leadership and the rural church, school and social center. Open to freshmen and sophomores.

VIII. Population—3 hours. The composition and population according to age, sex, marital status, urban and rural, occupation and race. Growth of population and its bearing upon wages and standards of living. Theories of population and eugenic movements to improve racial quality. Open to juniors and seniors.

IX. Crime and Poverty—5 hours. A study of poverty, its causes, prevention and methods of relief; the nature, causes, conviction and treatment of the criminal. Open to juniors and seniors.

X. Social Problems—2 hours. Primarily for beginners. Present day social questions and conditions. Open to sophomores, juniors and seniors.

XI. Labor Problems—3 hours. Questions of wages, hours of work, employment of women, labor organizations, trade agreements, labor exchanges, arbitration and labor legislation. Socialism as a program for industrial reorganization so far as labor is concerned. Open to sophomores, juniors and seniors.

XII. Public Finance—5 hours. The topics studied will include public expenditures and their economic effects, the general property tax, the income tax, the inheritance tax, the single tax systems and their administration, and the separation of sources of state and local revenue. Open to juniors and seniors.

XIII. Transportation—3 hours. A study of problems of highway, water and rail transportation and the related postal and telegraph services. Prerequisite, Principles of Economics I. Open to juniors and seniors.

XIV. Foreign Trade Problems—3 hours. A present day study of exports and imports, foreign exchange problems, effect of international debts on direction of trade and national trade policies. Prerequisite, Principles of Economics I. Open to sophomores, juniors and seniors.

XV. Insurance—2 hours. A brief study of property and life insurance; principles involved and different types of policies. Open to juniors and seniors.

XVI. Industrial Combinations—3 hours. Circumstances and conditions which have led to large scale development. Extent and character of the corporate organization and the relation of these corporations to increased production, prices, wages and industrial legislation. Open to sophomores, juniors and seniors.

XVII. The Family (Applied Sociology)—3 hours. A sociological study of society's most basic institution—its origin, development and social value. The problems of the modern family. Open to sophomores, juniors and seniors.

Note

The economics major may include Marketing, 3 hours, and Teaching the Social Sciences, 5 hours.

SPEECH

(See courses in English)

TEACHING

I. Illustrative Teaching—Credit required. This course lays the foundation for the teaching that is required on all curriculums. It consists mainly of observations of illustrative lessons and discussions following these observations. Plan writing, projects and lectures. Three hours per week. *Prerequisite, Psychology I.

* Students on the two year home economics curriculum may take Illustrative Teaching while taking Psychology I and those on the one year rural teacher curriculum may take Illustrative Teaching after the completion of course I or II or III in rural education.

II. †Teaching Under Critic Supervision—10 hours. Students take charge of classes in the campus training school or in affiliated schools, make and submit lesson plans, meet with critics for conferences, prepare comprehensive reports on the phases of teaching undertaken during the term and perform such other duties as may be assigned. Prerequisite, 10 hours in psychology and education and credit for Illustrative Teaching. Open to sophomores, juniors and seniors.

III. Applied Elementary School Methods—5 hours. This course includes a detailed study of the processes of teaching and learning and a practical application of the principles involved in elementary education. It offers a systematic consideration of objectives, selection and organization of subject matter, self-activity in the learning process, interest and economy in learning, and various types of procedure and teaching techniques. It illustrates in actual situations such activities as measuring results, taking account of individual differences, using remedial measures and directing study. The close connection with the course in "Teaching" makes vital and specific the instruction in methods of teaching reading, language, arithmetic, geography and other elementary school subjects. Required on the curriculums for intermediate and upper grade teachers who take "Teaching" in the public schools affiliated with the college. Those who take this course may not have additional credit for Elementary School Methods. Prerequisite, Psychology I. Open to sophomores, juniors and seniors.

IV. Primary Illustrative Teaching—2 hours. The theory of primary teaching, a study of lesson plans and projects, the observation and discussion of illustrative lessons. Prerequisite, Psychology I. Credit on the primary and kindergarten curriculums only. Four hours a week. Open to freshmen and sophomores.

V. *Primary Teaching and Criticism Under Critic Supervision—15 hours. Students take charge of classes, make and submit lesson plans, meet with critics for conference and criticism, prepare comprehensive reports on the work undertaken during the term and perform such other duties as may be assigned. Opportunity is offered for getting this training in the campus training school or in affiliated schools. Prerequisite, Primary Illustrative Teaching, and 10 hours in psychology and education. Open to sophomores, juniors and seniors.

VI. Kindergarten Theory for Primary Teachers—2 hours. Observation and discussion of kindergarten work which is especially important for teachers in primary grades. Prerequisite, 15 hours in psychology and education. Credit on the primary curriculums only. Four hours a week. Open to sophomores, juniors and seniors.

VII. Kindergarten Theory I, II, III—3, 2 and 2 hours. Credit on the kindergarten curriculums only. Open to freshmen and sophomores.

(I) Based on a study of child life in its physical, mental and social aspects through observation in kindergarten, lectures, references and class discussions. Daily.

(II) Fine and industrial arts for kindergarten children. This includes a study of materials and the actual making of projects. Daily.

(III) Rhymes, songs, plays and games for children from 4 to 6 years

† Those who complete a two-year curriculum requiring 10 hours of teaching will need to have 5 additional hours in the senior year on the degree curriculum unless released by the department of teaching. Students on the two year home economics curriculum are permitted to take teaching after the completion of Psychology I and Illustrative Teaching. Critics in training are permitted to take the last 5 hours of teaching, if required, during their junior year.

*Only 10 hours of this credit will carry over to any other curriculum except when the major is continued in the same line.

of age. Children's literature with emphasis on the selection and presentation of poetry and stories. Daily.

VIII. Kindergarten Theory IV and V—Each 3 hours. Credit only on the kindergarten curriculums. Open to sophomores, juniors and seniors.

(IV) Principles and methods of kindergarten and first grade teaching. 3 hours a week. Prerequisite, 10 hours in psychology and education.

(V) History of infant schools, Montessori nursery schools, Froebelian and modern kindergartens. 3 hours a week.

IX. *Kindergarten Teaching and Criticism Under Critic Supervision—15 hours. Students take charge of kindergarten work under direction of the critic, meet with critics for conferences and criticism, prepare comprehensive reports on the work undertaken and perform such other duties as may be assigned. Prerequisite, 10 hours in psychology and education, and Kindergarten Theory I, II, III. Open to sophomores, juniors and seniors.

X. Critic Training—15 hours. This work consists of six terms of training under the supervision of the department of teaching. Prerequisite, two years of college credit and acceptance by the department for this training. While taking this work the student is permitted to carry 5 hours of college work. For further particulars consult the director of the training school.

Notes

1. The critic training major may include 15 hours from courses in education or rural education.
2. Those who complete the requirements for a degree with a major in critic training may secure a department certificate in critic training.
3. Those who complete the primary or kindergarten curriculum and change to another major on the degree curriculum will need to have 5 hours of additional teaching in the senior year unless released by the department of teaching.

* Only 10 hours of this credit will carry over to any other curriculum except when the major is continued in the same line.

SUB-COLLEGIATE DIVISION

1. Conditions of Admission

For admission to this division the student must be 16 years of age and must have completed the eighth grade work in a rural or standard graded school. Those who have completed the rural school only need to possess the rural school diploma. Mature students past 18 years of age who do not meet above requirements may be admitted to pursue county certificate subjects in special cases.

2. County Certificates

The second and third grade county certificates require the following subjects: didactics, reading, orthography, arithmetic, U. S. history, grammar, geography, physiology, music, penmanship, agriculture, domestic science or manual training and "government and constitution."

The first grade county certificate requires civics, economics, algebra and physics in addition.

Examinations for these certificates are conducted at the college on the same dates as in the different counties.

The passing grades are as follows:

First grade—average 85 per cent., no grade below 75 per cent.

Second grade—average 75 per cent., no grade below 70 per cent.

Third grade—average 65 per cent., no grade below 60 per cent.

3. Students Making Up Entrance Conditions

The courses of study offered are sub-collegiate in character and deficiencies occurring in secondary school preparation can be removed by taking the quantity designated by the registrar.

DEPARTMENT COURSES

Note

These courses may be used for credit as indicated in completing college entrance requirements. For details regarding the amount of credit that can be used along any line see "Entrance Requirements" for college work on previous pages of this bulletin.

ART AND MANUAL ARTS

1. **Elementary Drawing**—Principles of drawing, color and elementary design, suitable for rural schools, intermediate and grammar grades.

2. **Elementary Handwork**—Primarily for teachers in rural and small village schools.

3. **Upper Grade Handwork**—Construction work suitable for upper grades in schools where the room teacher must have charge of such work.

EDUCATION

1. **Elementary Didactics**— $\frac{1}{2}$ unit. The management and teaching of a rural school based on laboratory results in rural demonstration schools.

2. **Elementary Psychology**— $\frac{1}{2}$ unit. The elements of psychology of most use in teaching children in the elementary grades.

3. **General Methods**— $\frac{1}{2}$ unit. The methods of teaching the common branches in rural schools. Prerequisite, Elementary Psychology.

ENGLISH

1. **English Grammar**— $\frac{1}{2}$ unit.* A course for students entering with two years of high school credit.

2. **Orthography**—Spelling, pronunciation, diacritical marks, orthoepy, etc.

3. **Reading**—The aim is to develop the student's power of expression and to give practical suggestions in regard to effective teaching of reading.

4. **First English Composition**— $\frac{1}{2}$ unit. Open to all students who have had but little work in technical composition.

5. **Second English Composition**— $\frac{1}{2}$ unit. Open to students who have had First English Composition or equivalent preparation.

6. **First English Classics**— $\frac{1}{2}$ unit. The reading is similar to that usually taken up in the early years of high school.

7. **Second English Classics**— $\frac{1}{2}$ unit. Planned for intensive study of classics usually taken up in advanced grades of high school. Prerequisite, First English Classics or equivalent preparation.

8. **History of English Literature**— $\frac{1}{2}$ unit. This is a general survey of the field of English literature with standard textbook as the basis of the work. Collateral reading is done to illustrate the main lines of study. Prerequisite, two terms of composition and two terms of English classics or equivalent preparation.

9. **Elementary Elocution**— $\frac{1}{2}$ unit. The work of reading is continued, based on the same psychological principles. Preliminary and suggestive work will be given which will assist the student in teaching literature and reading in the grades.

HOME ECONOMICS

1. **First Domestic Science**—Both sewing and cooking. Will give credit on the county certificate in lieu of the regular examination.

MATHEMATICS AND COMMERCIAL EDUCATION

1. **Arithmetic**— $\frac{1}{2}$ unit.† For students entering with two years of high school credit.

2. **First Algebra**— $\frac{1}{2}$ unit. To fractional equations with one unknown.

3. **Second Algebra**— $\frac{1}{2}$ unit. Completes requirements for first grade county certificate.

4. **First and Second Algebra**—An abridged course covering the essentials of the first and second terms work. Covers requirements for a first grade certificate and is recommended to students desiring to review for examination. Open only to those who have had one year of high school algebra.

5. **Third Algebra**— $\frac{1}{2}$ unit. Beginning with quadratics.

6. **First Plane Geometry**— $\frac{1}{2}$ unit. Books I and II.

* One-half unit entrance credit if taken after 8 units have been earned.

† One-half unit of entrance credit if taken after the completion of $1\frac{1}{2}$ units of algebra or 8 units of entrance credit.

7. **Second Plane Geometry**— $\frac{1}{2}$ unit. Completes Plane Geometry.
8. **Solid Geometry**— $\frac{1}{2}$ unit. The geometry of planes and solids.
9. **First Penmanship**—The fundamentals of muscular movement writing. Methods for rural and graded schools.
10. †**Advanced Penmanship**—Special attention to individual needs of students.
11. **First Typewriting**—Touch system, rhythm drills, writing business letters. Net speed of from 30 to 40 words per minute.
12. **Second Typewriting.**
13. **Third Typewriting.**
14. **Elementary Bookkeeping**— $\frac{1}{2}$ unit. The fundamental principles of bookkeeping. Journalizing, posting, taking trial balances, developing statements, showing results and conditions of business, closing the ledger, comparison of single and double entry systems.

MUSIC

1. **Elementary Music**—The essentials of music for the county certificate examination. Songs, chorus work, scale writing, etc. Five days per week.
2. **Recreational Music**—May substitute for one term of physical training. A variety of songs will be used. Music for enjoyment, musical games and plays, national songs of various countries. Three days a week.

Private Work in Organ, Piano and Voice

(For private work in organ, piano and voice,
see special music curriculums.)

Orchestral Music

(For private work in violin and orchestral instruments,
see special music curriculums.)

The Band Masters Course

(See orchestral music)

NATURAL SCIENCE

1. **Elementary Zoology**— $\frac{1}{2}$ unit. The general principles of the subject are presented by a careful study of a few illustrative types.
2. **Physiology**— $\frac{1}{2}$ unit. Emphasis will be placed upon the importance of hygiene. Many practical demonstrations will be given.
3. **Elementary Botany**— $\frac{1}{2}$ unit. A general elementary course covering plant morphology, physiology and ecology.
4. **First Agriculture**— $\frac{1}{2}$ unit. The important portions of general agriculture. The successful completion of this course will give credit on the county certificate in lieu of the regular examination.
5. **Second Agriculture**— $\frac{1}{2}$ unit. Additional emphasis upon injurious insects, fungus diseases, sprays and spraying, pruning, etc.
6. **Physiography**— $\frac{1}{2}$ unit. A review of mathematical geography and elementary meteorology will precede the more detailed study of our

† A Statement of Proficiency in penmanship may be awarded upon the recommendation of the head of the department and approval of the faculty. The work for a Palmer Certificate is covered.

land forms, their origin and agents at work upon the land producing them.

PHYSICAL EDUCATION

1. ***Physical Training for Men**—Six terms of credit from following:

Apparatus	Baseball	Track Athletics
Volleyball	Gymnastics	‡Boy Scout Work
Basketball	†Swimming	Handball
Football	Tennis	Golf

2. ***Physical Training for Women**—Six terms of credit from:

Fundamentals of Movement	Life Saving	Volleyball
Folk Dancing	Track and Field	Baseball
National Dancing	Hockey	Basketball
Interpretative Dancing	Fieldball	Tennis
Social Dancing	Handball	Cricket
Clogging	Dramatic Games	Archery
†Swimming	Unorganized Games	Soccer
	Simple Team Games	Golf

PHYSICS

1. **First Physics**— $\frac{1}{2}$ unit. Mechanics, sound, heat.
2. **Second Physics**— $\frac{1}{2}$ unit. Magnetism, electricity, light.
3. **Theory of Elementary Physics**—This course covers the theory of first and second physics. Open only to those who have had one year of secondary physics.

RELIGIOUS EDUCATION

Studies in the Bible— $\frac{1}{2}$ unit. Using the Bible as a textbook, the purpose of this course will be to give the student such a knowledge of Bible history and incident as will enable him to recognize and appreciatively understand scriptural allusion in his reading and study of the English classic writers, and to make him familiar with the Christian ideals of good citizenship and right living.

SOCIAL SCIENCE

1. **United States History**— $\frac{1}{2}$ unit. §
2. **First General History**— $\frac{1}{2}$ unit. Ancient history to Charlemagne.
3. **Second General History**— $\frac{1}{2}$ unit. Medieval and modern history after 800 A. D.
4. **Civics of Iowa and the United States**— $\frac{1}{2}$ unit. Community institutions and activities, organization of township, county and state governments; a consideration of the legislative, executive and judicial departments; a study of the constitution.
5. **Elementary Economics**— $\frac{1}{2}$ unit. A general survey of the laws and principles of economics, together with their application to such economic problems as the time and ability of the class will permit.

* Physical training is required each fall, winter and spring term of attendance until six term credits have been secured.

† A Statement of Proficiency in Swimming may be awarded upon the recommendation of the head of the department and approval of the faculty.

‡ A Statement of Proficiency in Boy Scout work may be awarded upon the recommendation of the department and approval of the faculty.

§ One-half unit entrance credit if taken after 8 units of entrance credit have been earned.

GRADUATES FOR YEAR 1928

With the Work and Location During the School Year 1928-29

DEGREES, DIPLOMAS AND CERTIFICATES CONFERRED

MARCH, 1928

Bachelor of Arts in Education Degree

Currie, Erma E.	Missouri Valley
Dinse, Jessie	Buchanan
Gillette, Wyo.	
Herndon, Clara Alice	Cedar Falls
Hollis, William Palmer	Hudson
Employee, Telephone Co., Omaha, Neb. 202 S. 37th St.	
Holman, Willard W.	Waterloo
Manager, Lumber and Coal Co., Melbourne.	
Johnson, Ferne Frances	Dow City
Third Grade, Waterloo. 711 Baltimore.	
Kellogg, Vera	Alden
English and Dramatics, Oelwein.	
Knief, Arnold H.	Ionia
Lenz, Agnes Martha	Maynard
Social Science and Mathematics, Sunrise, Wyo.	
Lotspeich, Agnes L.	Martinsburg
Mathematics, High School, Elwood.	
Petersen, Ralph R.	Cedar Falls
Teacher, Manning. 226 First St.	
Rockwell, Ruth M.	La Grange, Ill.
Seemann, Fred Andrew	Traer
Principal of High School, Rockwell City.	
Selle, Marie	Grinnell
Mrs. W. L. Schwartz. Mathematics, English and History, High School, Wood, S. D.	
Siemens, Louise Marie	Dysart
Social Science, High School, Oto.	
Southgate, Priscilla Trethewey	Algona
Physical Education Supervisor in Grades; Y. W. C. A. Health Secretary, Marshalltown. Y. W. C. A.	

Bachelor of Science in Education Degree

Bushgens, Raymond F.	Remsen
Manual Arts, High School, Lineville.	
Emerson, Edith Amelia	Jesup
Home Economics, Dunkerton.	
Lamson, Maxine Russell	Waterloo
520 W. Third St., Waterloo.	
Macon, Harry L.	Washington
Coaching and Physical Training, Bedford.	
Moore, Charles	Havelock
Superintendent of Schools, Newburg.	
Orr, Louis A.	Cedar Falls
Commercial Teacher and Coach, Corning.	
Washburn, Russell Willis	Farnhamville
Student, State University of Iowa, Iowa City. 723½ E. Jefferson St.	

Public School Music Education Diploma

Colby, Olina	Lake Mills
Public School Music and Art, Guttenberg.	
Wille, Frieda Marie	Waterloo
Public School Music, Rolfe. 401 Pine St.	

The Junior College Diploma

Adcock, Edna Elizabeth	Ottumwa
Bookkeeper, Ottumwa. R. 4.	
Cunningham, Edna Ruth	Waterloo
Rural School, Polo, Ill. R. 5.	
Edgington, Beulah	Gilmore City
Fourth Grade, Humboldt.	

Foffel, Elsie Mary	Lamont
Student, Iowa State Teachers College, Cedar Falls. 2403 Walnut St.	
Freeland, Mary A.	Cambridge
Cambridge.	
Handy, Alma	Harlan
Sixth and Seventh Grades, Somers.	
Larson, Hilda	Montrose
Grades, Denmark.	
Lawler, Lucille Margaret	Mason City
Fifth Grade, Slater. Box 161.	
Mayer, Claire	Manning
Manning.	
Nielsen, Henriette	Halfa
Third and Fourth Grades, Maple Hill.	
Parmley, Hazel M.	Newton
Fifth Grade, Lansing. Box 22.	
Pladsen, Valborg Theoline	Harpers Ferry
Eighth Grade, Colesburg.	
Robinson, Elva M.	Independence
Sixth Grade, Manchester.	
Seitz, Helen A.	Monona
Departmental, Junior High School, Lohrville.	
Steele, Juanita A.	Ross
Ross.	
Steenhusen, Alys	Irwin
Stolze, Harry Kenneth	Sioux City
Salesman, Sioux City. 1835 Riverside Blvd.	
Whitney, Maurine	Alden
Fifth Grade, Tripoli.	
Whitten, Ellfreida	Rowan
Rowan.	
Yaryan, Marie	Diagonal

Primary Education Diploma

Renson, Dorothy Arline	La Moille
First and Second Grades, Le Grand.	
Boehlje, Esther	Sheffield
First Grade, Lake Mills.	
Coulson, Harriet Frances	Shell Rock
First Grade, Cherokee. 700 W. Cherry.	
Foster, Laura Opal	Ida Grove
First Grade, Cedar Falls. 709 Tremont.	
Graham, Irene	Waterloo
Third and Fourth Grades, Finchford Consolidated School, Janesville.	
Henderson, Delma	Scranton
Rural School, Jefferson.	
Hinsch, Ethel W.	Estherville
Second Grade, Dolliver.	
Hromatko, Vera P.	Ocheyedan
First Grade, Jefferson. 106 W. Harrison.	
Humphrey, Mabel Clare	North English
Student, Iowa State Teachers College, Cedar Falls. 2521 Walnut St.	
Johnson, Alpha H.	Belmond
Primary, Walker.	
Lanning, Myrtle E.	Melbourne
Third Grade, Waterloo. 1027 W. 4th St.	
Larsen, Lauretta Irene	Burt
First Grade, Titonka.	
Latta, Edna May	Cedar Falls
First Grade, Brighton.	
Leach, Bernice Marion	Sioux City
Third Grade, Sergeant Bluff. Box 204.	
Miller, Anna E.	Wayland
Primary, Cedar.	
Newton, Joyce E.	Dickens
First Grade, Lake Center Consolidated School, Dickens.	
Paulsen, Amy Ruth	Anthon
Mrs. Leonard A. Thrall, Anthon.	
Peterson, Laurine Elizabeth	Gowrie
Second Grade, Newhall.	
Reed, Helen E.	Webster City
Rural School, Webster City.	
Thomas, Mildred	Callender
Mrs. John S. Shanks, Chicago, Ill. 3142 W. Jackson Blvd.	

Thompson, Gethel A.	Delta
Kindergarten and First Grade, Delta.	
Thompson, Mildred C.	Grandview
Grandview.	
Troutner, Bessie L.	Nashua
Second Grade, Nashua.	
Umbarger, Margaret	Lake Park
Second Grade, Lake Park.	
Zimmer, Helen Mary	Garrison
Grades, Dysart.	

Kindergarten Education Diploma

Bappe, Fern Minnie	Ames
Kindergarten, Odebolt.	
Carley, Agnes A.	Des Moines
Nerbovig, Ruth Karen	Sioux Falls, S. D.
Kindergarten, Sioux Falls, S. D. 510 East Blvd.	
Sailer, Alma J.	Ackley
First Grade, Perry. 1210 Sixth St.	

Home Economics Education Diploma

Boyle, Rita M.	Cascade
Bookkeeper, Gas Company, Dubuque. 739 Caledonia Place.	
Hjelm, Alice	Royal
Home Economics, General Science and Public School Music, Owasa.	
Lichty, Kathleen R.	Sioux City
Home Economics, Webb.	
Schipull, Olga	Renwick
Student, Iowa State College, Ames. 822 Brookridge Ave.	

Manual Arts Education Diploma

Burkhiser, Donald M.	Sanborn
Coach, Washta.	

Commercial Education Diploma

Carey, Loretto M.	Manson
Manson.	
Haymond, Marvel R.	La Porte City
Rural School, La Porte City.	
Wilson, Amos A.	Hudson
Employee, Chain Store, Sioux City. 1009 Jackson St.	

Consolidated School Education Diploma

Peterson, Palma J.	Mabel, Minn.
Fifth and Sixth Grades, Orchard.	

Teacher of Rural Schools Diploma

Cole, Cathryn Constance	Edgewood
Dahl, Renatus E.	Hastings
Rural School, Council Bluffs. R. 1.	
Hocke, Marie Pearl	Cedar Falls
Rural School, Cedar Falls. 2310 Main St.	
Larson, Ruth Olga	Kanawha
Rural School, Goodell.	
Rogers, Florence Lucile	Fayette
Teacher, Chalk Butte, Mont.	
Stanek, Lucille	Chelsea
Rural School, Clutier. c/o F. J. Parizek.	

Department Certificate in Critic Training Granted

Wickens, Verna B.	Gruver
Junior College Diploma, March 8, 1926.	
Departmental, Grades, Waterloo. 325 Western Ave.	

JUNE, 1928

Bachelor of Arts in Education Degree

Baker, Hazel Irene	Ottumwa
Barlow, Frances Marion	Clear Lake
Primary, Tucson, Ariz. 1200 E. Seventh St.	
Bice, Ernestine E.	Walker
Bresser, Minnie A.	Burlington
Physical Education, Junior High School, Grand Island, Neb. 1010 W. First St.	
Burk, Myrel	Waterloo
Graduate Student, University of Nebraska, Lincoln, Neb. 113 Bessey Hall.	

Busby, Ruth Irene	Riverside
Fourth Grade, Akron, Ohio. 1155 N. Howard St.	
Cain, Alyce O.	Cedar Falls
Assistant in Music Department, Western Illinois State Teachers College, Ma- comb, Ill. 218 W. Carroll St.	
Carlson, Evelyn V.	Madrid
Physical Education, Greeley, Colo. 1405 Ninth Ave.	
Carstensen, Edna C.	Preston
Normal Training, Strawberry Point.	
Chambers, Helen L.	Corwith
Mrs. John O. Mullins, Allison.	
Chester, Marguerite	Waterloo
Substitute Teacher, Elizabeth, N. J. 105 Grove St.	
Cochran, Esther Fay	Lorimor
Bookkeeper, Winterset.	
Colby, Helen A.	Sergeant Bluff
Director of Physical Education for Girls, Carthage College, Carthage, Ill.	
Cook, Olga Trumblee	Cedar Falls
Creighton, Mary Lucille	Waterloo
Grades, Thornburg School, East Waterloo Township. 911 Lafayette St., Water- loo.	
Damman, Bonita	Sanborn
Fifth Grade, Minneapolis, Minn. 3009 Dupont Ave. S.	
Deegan, Margaret Lucas	Big Timber, Mont.
Ferguson, Gladys Elda	Dana
Mathematics, High School, Eldon.	
Ferguson, Mayme Leah	Barnes City
Public School Music, Shell Rock.	
Ford, Edith M.	Manhattan, Mont.
Director of Fourth Grade, National Kindergarten and Elementary College, Evanston, Ill. Apt. G-3, 2020 Sherman Ave.	
Franz, Gladys Irene	Grundy Center
Frey, Howard R.	Greenfield
Fuller, Josephine Elizabeth	Jesup
Jesup.	
Fuller, Robert E.	Cedar Falls
Teacher, High School, Maynard.	
Glasgow, William David	Mechanicsville
Superintendent of Schools, Palo.	
Godby, Marjorie	Earlham
Primary, Akron, Ohio. 924 Hammel St.	
Graeber, H. P.	Sheldahl
Science and Coaching, Guttenberg.	
Haas, Bethel J.	Garrison
Opportunity Room, Grinnell. 1221 Main.	
Hanson, Agnes Margaret	Story City
English, Humboldt.	
Hartman, W. Harold	Eddyville
Mathematics and Coaching, Dunkerton.	
Helm, Orpha Juanita	Rockford
Physical Director for Women, Eureka College. Eureka, Ill.	
Hoskins, Helen M.	Orient
Hunter, Charlotte Alice	Maquoketa
Maquoketa.	
Jensen, Leonard P.	Cedar Falls
Bookkeeping, Public Speaking and Debate, Hawarden. Box 698.	
Kelley, Faye	Cedar Falls
Physical Education, Junior High School, Grand Island, Neb. 922 N. Pine St.	
Kern, Icel	Promise City
English, High School, Promise City.	
Kinser, Glenn B.	Promise City
Superintendent of Schools, Ashton.	
Kluever, Gladys M.	Atlantic
Latin, High School, Watertown, S. D. 209 Fourth St. S. E.	
Kohlstedt, Verna	Fenton
Fenton.	
Leary, Mary G.	Waverly
Fourth Grade, Dubuque. 744 Nevada St.	
Leavitt, Ruth	Cedar Falls
Employee, Library, Waterloo. 1107 Washington, Cedar Falls.	
Livingston, Eva Mae	Cedar Falls
Primary, Waterloo. 722 W. 27th St., Cedar Falls.	
Long, Golda M.	Clarinda
English, Junior High School, Waterloo. 863 W. Fourth St.	

Loomis, Marjorie E.	Waterloo
History, High School, Buffalo Center.	
Loughridge, Nellie	Delta
First Grade, Oskaloosa. 212 Fifth Ave. E.	
Lowe, Mrs. Mason	Earlville
Martzahn, Hilda	Greene
English, High School, Lake Mills.	
Meyer, Martha Ann	Readlyn
English, Junior High School, Monticello.	
Miller, Morris	Kellogg
Principal of High School, Coon Rapids.	
Mueller, Frederick Eugene	Cedar Falls
McBroom, Ethel Ferne	Grundy Center
First Grade, Highland Park, Ill. 338 Central Ave.	
McCConnell, Joseph L.	Cedar Falls
Principal of High School, Advance, Mo.	
Nelson, Doris Ed	Rudd
Health Instructor in Y. W. C. A., Youngstown, Ohio.	
Nordmark, Grace-Lee Mildred	Fort Dodge
Olson, C. Melvin	Alta
Chemist, Niagara Falls, N. Y. 5815 Buffalo Ave.	
Pearson, Helen Fay	Springville
Springville.	
Peterson, Florence	Stanhope
Junior High School, Alta.	
Pettit, Mrs. Don D.	Cedar Falls
Instructor of Physical Education, Iowa State Teachers College, Cedar Falls. 1306 Franklin St.	
Porter, Margaret Jeanette	Cedar Falls
Supervisor of Physical Education, Grinnell. 1115 Broad St.	
Robinson, Dorothy Faye	Colo
Ross, Dale H.	Buckingham
Science, Riceville.	
Schumann, Selma	Rock Rapids
Critic of Teaching, Iowa State Teachers College, Mason City. 1210 N. Adams St.	
Scott, Jesse W.	Maquoketa
Mathematics, High School, Wetmore, Kans.	
Seabury, Hugh Francis	Bloomfield
Public Speaking, High School, Maquoketa. 215 S. Second St.	
Severin, Lois L.	Cedar Falls
Physical Education and Dramatics, Milford.	
Silence, Zelma	Marshalltown
Critic of Teaching, Iowa State Teachers College, Shenandoah. 701 Elm St.	
Skemp, Kathryn Ruth	Dubuque
Teacher, High School, Blanche Kellogg Institute, Santurce, Porto Rico.	
Smiley, Lee Travis	Garrison
Smith, L. Wayne	Laurel
History and Debate, Cedar Falls. 1103 State St.	
Stewart, Effie	Waterloo
Demonstrator for Educators' Association. R. 1, Waterloo.	
Stingler, Thelma Meryle	Cedar Falls
521 Clay St., Cedar Falls.	
Stover, Helen	Swaledale
English and Dramatics, Cedar Falls. 1103 Main St.	
Swedberg, Irene V.	Nora Springs
English, Waverly. 211 S. Linn St.	
Taber, Elmer B.	Clarion
Taylor, Margaret Frances	Nashua
Public School Music, Eldora.	
Thompson, Ralph G.	Cedar Falls
Graduate Student, State University of Iowa, Iowa City. 431 S. Governor St.	
Turkington, Ruth Wandalene	Wyman
Wyman.	
Voss, Anna Marie	Sibley
Public School Music, Dows.	
Waite, Evelyn L.	Storm Lake
Art and Penmanship, Alta.	
Wallace, Bruce	Cedar Falls
Public School Music, Richland.	
Ward, David C.	Red Oak
Science, High School, Algona. Box 221.	
Wiler, Edward Miller	Cedar Falls
Student, University of Cincinnati, Cincinnati, Ohio. 234 Hasea Ave.	
Wilken, Christine E.	Wall Lake
English and Dramatics, Newhall.	
Winter, Vera May	Villisca
Physical Education, Chariton. 828 N. Main.	

Wolff, Margaret J. C.	Ionia
English and Dramatics, Franklin Township Consolidated School, Cooper.	
Woodring, Wilma Gertrude	Waverly
Public School Music, Clarence.	
Yearous, Elsie Mae	Elgin
Mrs. David Bartelma, Iowa Falls.	
Zieke, Ruth M.	Indianola
Physical Education, New Hampton.	

Bachelor of Science in Education Degree

Davidson, Harold F.	Ringsted
Superintendent of Schools, Wyman.	
Delzell, Milton S.	Morning Sun
Assistant Coach, Chariton. 319 S. Grand St.	
Doubler, E. Marguerite	Warren, Ill.
Home Economics and Science, High School, Sheldahl. Box 55.	
Duden, Iva L.	Clio
Commercial Teacher, Newton. Box 79.	
Gillespie, C. M.	Renwick
Manual Arts and Agriculture, Eddyville.	
Innes, Mary Lisle	Reinbeck
Home Economics, Orange Township Consolidated School, Waterloo. R. 1, c/o S. Fike.	
Knickerbocker, Harold E.	Cedar Falls
Mercantile Work, Des Moines.	
Lindsey, Charles Fred	Cedar Falls
Supervisor of Manual Training, Grades, Waterloo. 1721 Franklin, Cedar Falls.	
Palmer, Harold S.	Cedar Falls
Pint, Donald	Waterloo
Deceased	
Purviance, Annabell	Cedar Falls
Home Economics, Shell Rock.	
Walters, Leona M.	Waterloo
Commercial Teacher, Missouri Valley.	
Webber, Donald D.	Lester
Science, Mathematics and Coaching, Delhi.	
Woolverton, Cornelia Pearl	Cedar Falls
Home Economics, Janesville.	

Public School Music Education Diploma

Anderson, Doris Luella	Sumner
Public School Music, Hudson.	
Balzer, Loraine E.	Rock Valley
Student, Iowa State Teachers College, Cedar Falls. 2218 Merner Ave.	
Crowl, Amy Jean	Correctionville
Davis, Dorothy M.	Strawberry Point
Public School Music, Lawton.	
Davis, Edith M.	Woodbine
Harris, Sara Carita	Dana
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Hurlbut, Evelyn J.	Cedar Falls
Public School Music and English, Linden.	
Jaeger, Katherine Janette	Brandon
Public School Music, and Fifth and Sixth Grades, Gaza.	
Kleist, Myrtle Marie	La Porte City
Public School Music, Gladbrook.	
Michael, Erma Stewart	Cedar Falls
Voice and Public School Music, Western Union College, Le Mars.	
Rapp, Hazel Ruth	Deerfield, Ill.
Public School Music and Eighth Grade, Winnebago, Ill.	
Rosenberger, Ruth Adele	Independence
Public School Music, Lone Tree.	
Rust, Viola M.	Goodell
Public School Music and Physical Training, De Witt.	
Starbuck, Dorothy	Spring Valley, Minn.
Public School Music and Penmanship, Eddyville.	
Thomson, Lucille	Swea City
Public School Music, Lakota.	
Tisdale, Beatrice N.	Union
Public School Music and English, Liberty Consolidated School, Clemons.	
Waggoner, Helen M.	Bloomfield
Public School Music and English, Delhi. Box 126.	
Wood, Ruth A.	Davenport
Public School Music, Dunkerton.	

Commercial Education Diploma

Albert, Irene Rose	Reinbeck
Bangson, Florence	Toulon, Ill.
Burkhiser, Mrs. Juanah	Sanborn
Washta.	

Cass, Irene L.	Cedar Falls
Fletcher, Ray	Unionville
Flower, Howard William	Marshalltown
Green, Hazel Isabelle	Jolley
Student, Iowa State Teachers College, Cedar Falls. 1704 College St.	
Hansen, Eric P.	Ringsted
Ringsted.	
Hilderbrand, Helen I.	Alta
Alta.	
Holbrook, Mildred Grace	Riceville
Stenographic Work, Riceville.	
Jones, Pearl Hazel	Marion
Rural School, Marion. R. 4.	
Lande, Gilma J.	Lake Mills
Commercial Teacher, Ireton.	
Mauck, Mildred Vanata	Iowa Falls
McCracken, Eileen L.	Greene
Bookkeeper and Stenographer, Nashua.	
Nelson, Winifred M.	Garner
Nielsen, Ida C.	Cedar Falls
Stenographer, Waterloo. 1421 Main St., Cedar Falls.	
Olson, Louella	Osage
Rich, Jennie Mae	Clear Lake
Clear Lake.	
Ryen, Lester	Slater
Commercial Teacher, Jewell.	
Sellman, Alice Leona	Decorah
Vinding, Ruth	Cedar Falls
Mrs. Leonard Jensen, Hawarden. Box 698.	
Will, Henry A.	Waterloo

Art Education Diploma

Christensen, Martha A.	Clear Lake
Art, Grades, Newton.	
Justus, Helen Alice	Sioux Falls, S. D.
Art and Penmanship, Vermilion, S. D. 311 Forest Ave.	
Mowbray, Ruth Bernadine	Waterloo
History and Art, Marion. 880 14th St.	
Rose, Katherine	Moline, Ill.
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	

Manual Arts Education Diploma

Dowden, Milton Lyle	Cedar Falls
Drayman, Cedar Falls. 1210 Clay St.	
Everhart, Frank M.	Marcus
Student, Iowa State Teachers College, Cedar Falls. 2416 College St.	
Gittins, Lawrence O.	Guthrie Center
Student, Iowa State Teachers College, Cedar Falls. 1310 W. 22nd St.	
Hanson, Johannes E.	Cedar Falls
Hockey, Arthur	Barnes City
Student, Iowa State Teachers College, Cedar Falls. 2516 Olive St.	
Ortberg, Elmer G.	Earlville
Teacher, High School, Chester.	
Ravlin, Eldon D.	Nora Springs
Suchomel, Theo. F.	Cedar Rapids
Zepp, George Merle	Hedrick
Mathematics, Junior High School; Manual Training, Milford.	

Home Economics Education Diploma

Alliman, Eldora C.	Wayland
Brezo, Mary Viola	Orient
Student, Iowa State Teachers College, Cedar Falls. 815 W. 23rd St.	
Emerson, Esther M.	Rowan
Home Economics, Newhall.	
Griner, Agnes M.	Dumont
Helvig, Nellie Louise	Plover
Seventh and Eighth Grades, and Home Economics, Curlew.	
Hochberger, Mrs. Clara Amice	Hawkeye
Hawkeye.	
Holliday, Grace Lucile	Owasa
Home Economics and Public School Music, Allison.	
Hudek, Alice D.	Garnavillo
Third Grade, Dunkerton.	
Johnson, Edith J.	Marcus
Home Economics, Washta.	
Martin, Esther Lorene	Noble
Home Economics, High School, Wyman.	
Ness, Thelma Beatrice	Chester
Home Economics, High School, Rowley.	

Taylor, Ruth Ann	Wayland
Home Economics, Wayland.	
Watson, Geneva D.	Alta
Alta.	
Whipple, Gladys Irene	Charles City
Home Economics, Sulphur Springs.	
Wittern, Maude Elinor	Little Rock
Home Economics, and Seventh and Eighth Grades, Maple Hill.	
Wright, Edith E.	Osage

Consolidated School Education Diploma

Glennon, Doris M.	Volga City
Rural School, Volga City.	
Shold, Veda	Roland
Fourth Grade, McCallsburg.	

Elementary Education Diploma for Teachers in the Upper Grades

Albertson, Joyce E.	Rembrandt
Sixth and Seventh Grades, Highview Consolidated School, Linn Grove.	
Alcock, Blanche	Frederika
Frederika.	
Baldwin, Helen May	Hudson
Hudson.	
Bertness, Audrey T.	Rembrandt
Third and Fourth Grades, Albert City.	
Blanchard, Howard L.	Lone Rock
Junior High School, Brighton.	
Black, Arthur R.	Lawler
History, Junior High School, Lake Mills.	
Brown, Helen M.	Clinton
Departmental, Sixth, Seventh, and Eighth Grades, Calamus. Box 125.	
Chambers, Georgia Edith	Primghar
Primghar	
Crawford, Esther	Winthrop
Winthrop.	
Crom, Fern L.	Hampton
Sixth Grade, Newhall.	
Davison, Agnes S.	Nora Springs
Dirrim, Viola	Villisca
Edwards, Mildred	Alta
England, L. Florence	Tingley
Erricson, Inez Beadle	Cedar Falls
Sixth Grade, Fort Dodge. 1310 Second Ave. N.	
Fiene, Gertrude	Lone Rock
Grades, Sumatra, Montana.	
Fryslie, Helen Lucille	Iowa Falls
Fourth Grade, Newhall.	
Geick, Mabel C.	Rock Rapids
Student, Iowa State Teachers College, Cedar Falls. 2422 Olive St.	
Goetzman, Agnes Cecilia	Muscataine
Haering, Leona Miletta	Lenox
Seventh Grade, New Sharon.	
Hagerty, Theresa	Dyersville
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Hasson, Eleanor Marjorie	College Springs
Rural School, Circle, Montana.	
Howard, Bernice Z.	West Branch
Huglin, Army B.	Odebolt
Departmental, Fourth, Fifth, and Sixth Grades, Elkader.	
Johnston, Margery C.	Chariton
Kendall, K. Caroline	Boone
Student, Iowa State College, Ames. 1541 Fifth St., Boone.	
Koch, Clara A.	Reinbeck
Lichty, Marie W.	Waterloo
R. 1, Waterloo.	
Mayhew, Iona	Vinton
Rural School, Vinton.	
Murphy, Alyce Rita	Livermore
McKinley, Fern	Leon
Seventh Grade, Colesburg.	
McMahon, Sara	Shenandoah
Mathematics, Junior High School, Waterloo. 829 W. Fourth St.	
McMartin, Helen M.	Carson
Nelson, Lillie V.	Ruthven
First and Second Grades, Gillett Grove.	
Olson, Ivy Allene	Williams
Student, Iowa State Teachers College, Cedar Falls. 2509 Iowa St.	
O'Neill, Ruth Shirley	Fort Dodge

Paige, Theodore	La Porte City
Teacher, High School, La Porte City.	
Reihle, Gertrude	Lawler
Seventh and Eighth Grades, Calmar.	
Ross, Roland G.	Numa
Principal of High School, Promise City.	
Schmidhuber, Gladys Katharyn	Emmons, Minn.
Public School Music, Grades; Fifth and Sixth Grades, Garretson, S. D.	
Schultz, Evelyn A.	Ringsted
Rural School, Ringsted.	
Streng, Helen	Sibley
English and Literature, Junior High School, Exira.	
Thomas, Beth Lucille	Chester
Third Grade, Lehigh.	
Thomson, Thelma L.	Mechanicsville
Cedar Rapids. 320 S. Sixth St.	
Thurow, Dorothy D.	Charles City
Sixth Grade, Guttenberg.	
Van Zante, Hazel M.	Eddyville
Mrs. W. Harold Hartman, Dunkerton.	
Vollmer, Florence Margaret	Spencer
Seventh and Eighth Grades, Lawton.	
Watson, Bertha M.	Reinbeck
Sixth Grade, Vinton.	
Webb, Erna Pearl	Eagle Grove
Wingett, Velma Leona	Walthill, Neb.
Grades, Walthill, Neb.	
Wyatt, Lillian B.	Marshalltown
Fifth and Sixth Grades, Oto. Box 320.	
Elementary Education Diploma for Teachers in the Intermediate Grades	
Andersen, Helen Beatrice	Dayton
Fifth and Sixth Grades, Rossie.	
Ash, Vera Mae	Centerville
History and Geography, Intermediate Grades, Vinton. 407 E. Fifth St.	
Bailey, Frances	Fenton
Sixth and Seventh Grades, De Soto.	
Balgeman, Ruth A.	West Bend
Rural School, West Bend.	
Barger, Elizabeth S.	Audubon
Fourth Grade and Coaching, Shelby. Box 55.	
Beck, Dorothy M.	Waterloo
Berntson, Alice Irma	Paullina
Rural School, Paullina.	
Bigler, Anna	Clermont
Fifth and Sixth Grades, Clermont.	
Bown, Dorothy	Chariton
Fifth and Sixth Grades, Thornburg.	
Bradbury, Marguerite Ferne	Bradgate
Departmental, Fifth and Sixth Grades, Carroll.	
Bucka, Martha Elizabeth	Reinbeck
Fifth Grade, Armstrong.	
Burkardt, Grace M.	Parkston, S. D.
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Burrell, Myrna Louise	Urbana
Carney, Aletha Mary	Alden
Rural School, Alden.	
Carroll, Lucy R.	Davenport
Coe, Ethel Audrey	Clear Lake
Rural School, Clear Lake.	
Cole, Abbie	Roland
Rural School, Roland.	
Collenbaugh, Laura	Odebolt
Clerk, Odebolt.	
Datisman, Beulah Dorothea	Inwood
Rural School, Rock Rapids. c/o J. Lottman.	
Dunn, Juanita	Fort Dodge
Seventh and Eighth Grades, Otho. R. 5, Fort Dodge.	
Eckels, Louise C.	Britt
Fifth and Sixth Grades, Geneva.	
Erdman, Mary A.	Hedrick
Rural School, Hedrick.	
Fisher, Lucile A.	Creston
Cashier, Dry Goods Co., Creston. 500 N. Walnut St.	
Fleming, Grace E.	Waterloo
Third Grade, Traer.	

Freshwaters, Irma Fay	West Chester
Mathematics, High School, Lawton.	
Gleason, Claire	Waterloo
Graham, Genevieve	Paton
Rural School, Paton.	
Gullaxson, Stella Margaret	Bode
Rural School, Draper, S. D.	
Howard, Glenn Louise	Shenandoah
Grades, Harvey.	
Humke, Anna E.	Ackley
Ackley.	
Jewell, Helen Elizabeth	Oskaloosa
Bookkeeper, Oskaloosa. 401 S. Third St.	
Jones, Louise	Perry
Sixth Grade, Madrid.	
Kaiser, Lois K.	McGregor
Rural School, McGregor.	
Kessler, Leone M.	Odebolt
Sixth Grade, Manilla.	
Kistler, Gladys Helen	Odebolt
Fifth and Sixth Grades, Independence.	
Korneisel, Marie N.	Odebolt
Fifth Grade, Battle Creek.	
Krouse, Garnet Leota	Corydon
Kurtz, Gertrude W.	Avoca
Third and Fourth Grades, Avoca.	
Leatherman, Jessie May	Brooks
Marquart, Iola Alverta	Tipton
Third and Fourth Grades, Stanley.	
Marsh, Gladys L.	Marble Rock
Fourth Grade; Girls' Basketball Coach, Greeley.	
Martin, Eddith H. D.	Onawa
Martin, Velma L.	Shell Rock
Departmental, Fifth and Sixth Grades, Onawa.	
Mattson, Liberty Maye	Jefferson
Student, Iowa State Teachers College, Cedar Falls. 2404 College St.	
Merrick, Florence	Greene
Third Grade, Wapello.	
Meyer, Viola L.	Ossian
Rural School, Ossian.	
Mitzner, Rosella Carolyn	Colesburg
Fifth Grade, McGregor.	
Moen, Irene	Inwood
Seventh and Eighth Grades, Crystal Lake.	
Moore, Doris LuVerne	Greenfield
Rural School, Greenfield.	
Murphy, Leona Pearl	Guthrie Center
Fifth Grade, Manning.	
Mythaler, Beulah June	Waterloo
Fifth Grade, Bayard.	
McGreevy, Edith Rose	Ackley
Norman, Violet A.	New Providence
Fourth and Fifth Grades, Whitten.	
Prull, Lulu Viola	Ackley
Third and Fourth Grades, Swaledale.	
Puetz, Clementine J.	Le Mars
Sixth Grade, Galva.	
Quimby, Nina L.	Nichols
Fifth Grade, Newhall.	
Richards, Lois	Geneva
Rohrer, Evelyn Doris	Rhodes
Grades, Conrad, Mont.	
Seberson, Ethel Marie	Manly
Fifth and Sixth Grades, Hollondale, Minn.	
Shankland, Jeanne Prentice	Paullina
Paullina.	
Shaver, Evelyn Estella	Garrison
Mrs. Lester Benton Raymond, Garrison.	
Shinn, Leta Marie	Eddyville
Fifth Grade, Hurley, S. D.	
Smith, Mabel E.	Council Bluffs
Rural School, Council Bluffs. 2004 S. 10th St.	
Standish, Berneta Mae	Marion
Departmental, Fourth, Fifth and Sixth Grades, Cooper.	
Stedwell, Mildred L.	Woodburn
Fourth Grade, Missouri Valley. 109 N. Second St.	

Stoakes, Beth Alice	.....	Traer
Rural School Williamsburg.		
Storby, Cora C.	.....	Lake Mills
Fourth Grade, Vinton.		
Syring, Emma Louise	.....	Clarence
Rural School, Clarence.		
Tabler, Thelma A.	.....	Craig, Mo.
Fifth and Sixth Grades, Waterville.		
Timmerman, Martha Louise	.....	Waterloo
Teacher, Trinity Lutheran School, Cedar Rapids. 435 Fourth Ave. W.		
Tjossem, Crissie	.....	Paullina
Fifth Grade, Spencer.		
Tooman, Violet Marie	.....	Muscatine
Utter, Opal Irene	.....	Mason City
Rural School, Osage. c/o Oscar Lindley.		
Wellhoefer, Hildegarde	.....	Sheboygan, Wis.
Stenographer, Sheboygan, Wis. 718 N. Ninth St.		
West, Helen Irene	.....	Perry
Wheatcraft, Jennie Margaret	.....	Newton
Winter, Verna C.	.....	Villisca
Sixth Grade, Dallas Center.		
Wise, Flora Mae	.....	Nevada
Nevada.		
Wolkenhauer, Minnie A.	.....	Pocahontas
Third and Fourth Grades; Public School Music, Forreston, Ill.		
Woodburn, Mildred	.....	Washington
Geography, Junior High School, Washington. 602 S. Third Ave.		
Zimmerman, Mildred Gaynell	.....	Bassett
Rural School, Nashua. c/o Charles Shannon.		

Primary Education Diploma

Anderson, Ruth Evelyn	.....	Cedar Falls
First and Second Grades, Finchford Consolidated School, Janesville.		
Aves, Etna	.....	Groton, S. D.
Baker, Julia Mae	.....	Fontanelle
Primary, Cumberland.		
Barr, Roberta Gail	.....	Jefferson
Beck, Apollonia Dorothy	.....	Marcus
Beck, Ruth Irene	.....	Hedrick
Second and Third Grades, Searsboro.		
Benedict, Hazel I.	.....	Shenandoah
Second Grade, Algona. 610 E. Call St.		
Benedict, Nellie E.	.....	Shenandoah
First Grade, Algona. 610 E. Call St.		
Benedict, Vera L.	.....	Nora Springs
Third Grade, Milford.		
Benson, Kathryne Marie	.....	Eldon
Second Grade, Greeley.		
Blanchard, Alice B.	.....	Davenport
First Grade, Calamus.		
Brannan, Edith May	.....	Sigourney
Second Grade, Jesup.		
Brannen, Fern Elizabeth	.....	Jefferson
Jefferson.		
Brown, Inez Louise	.....	Omaha, Neb.
First Grade, Guttenberg.		
Brown, Pauline	.....	Glen Ellyn, Ill.
Brown, Ruth F.	.....	Jordan
Primary, Montour. Box 68.		
Bryson, Alma M.	.....	Vinton
Third Grade, Independence. Box 186.		
Butler, Harriette I.	.....	Council Bluffs
First Grade, Mondamin. Box 204.		
Cook, Opal Marie	.....	Laurens
Cooper, Marjorie Berniece	.....	Corning
Second Grade, Alexander.		
Cox, Trula L.	.....	Newton
Craver, Betty Iowa	.....	Montezuma
Crosswait, Hester	.....	Lake City
Second and Third Grades, Larrabee.		
Darling, Geneva C.	.....	Decorah
Second Grade, Waterloo. 401 Walnut Court.		
Davis, M. Evelyn	.....	Davenport
First Grade, Colesburg.		
Dickey, Mildred J.	.....	Hedrick
Second Grade, Kingsley.		
Donegan, Marjorie Ann	.....	Davenport
Substitute Teacher, Davenport. 2038 Iowa St.		

Drackley, Dorothy M.	Webster City
Critic in Training, Iowa State Teachers College, Cedar Falls. 422 W. 24th St.	
Elmegreen, Margaret	Long Grove
First and Second Grades, Tripoli.	
Ewing, Mary Bessie	Doland, S. D.
First Grade, Manilla.	
Flanagan, Mary Veronica	Williamsburg
First Grade, Vinton. 307 W. Fifth St.	
Gaughan, Margaret Geraldine	Clinton
Gillham, Helen L.	Radcliffe
First Grade, Whitten.	
Gray, Merle B.	Independence
Primary, Orange Township Consolidated School, Waterloo. R. 1.	
Greenwalt, Rosalie Elizabeth	Manly
Third Grade, Manly.	
Haase, Verna May	Fort Madison
First Grade, Ainsworth.	
Hallett, Harriet	Union
Student, Iowa State Teachers College, Cedar Falls. 2313 Walnut St.	
Harris, Irene	Batavia
First and Second Grades, Pleasant Plain.	
Harvey, Ruth Genevieve	Exira
Hauswirth, Clara E.	Havelock
First Grade, Webster City. 1114 Second St.	
Henningson, Se Dele Izetta	Jewell
First Grade, Jewell.	
Hjort, Esther Marie	Melcher
Second Grade, Melcher.	
Holmes, Emma Avis	Lake City
Horsfall, Cleo Jeanette	Waterloo
Third Grade, Newhall.	
Hosteter, Allene Faye	Cedar Falls
First and Second Grades, Fredericksburg.	
Houghton, Helen Zilla	Boone
Second Grade, Mount Vernon.	
Huus, Cora Alvina	Northwood
Primary, Oelwein. 106 N. Frederick.	
Inglesby, Verna Isabelle	Boone
Student, Iowa State Teachers College, Cedar Falls. 2515 Walnut St.	
Johnson, Gladys Jeanette	Story City
Second Grade, Griswold.	
Kanne, Melinda Clara	Baxter
Kelley, Mabel Ada	Nora Springs
Primary, Williams.	
Kemp, Lila Ada	Grandview
Second Grade, Morning Sun.	
Kinkennon, Faye Evelyn	Adel
First and Second Grades, Waukee.	
Kochler, Mildred L.	Meservey
Second Grade, Bussey.	
Landstrom, Vivian Margaret	Essex
First and Second Grades, Massena.	
Lane, Mildred	West Liberty
First Grade, Crystal Lake.	
Larson, Leona Lucille	Dayton
Primary, Milford.	
Littlefield, Gladys	Exira
Logue, Esther Dora	Sac City
Second Grade, Sac City.	
Lyman, Gladys Alberta	Chariton
Third Grade, Corydon.	
Madson, Myrtle L.	Northwood
Mrs. P. E. Rider. Substitute Teacher, Dunkerton.	
Mattison, Ruth	Winston-Salem, N. C.
Second Grade, Winston-Salem, N. C. 60 Park Blvd.	
Mayberry, Marjorie	Glenwood
Primary, Onawa.	
Milburn, Genevieve	Stratford
Primary, Bristow.	
Milroy, Verna C.	Manchester
Third Grade, Tripoli.	
Monahan, Bernadine	Manly
Manly.	
Moody, Maxyne M.	Bedford
First Grade, Humeston.	
Morris, Catherine	Langford, S. D.
First Grade, Vermilion, S. D.	

Myhre, Dorothy Marian	Graettinger
Second Grade, Graettinger.	
McCleary, Georgia	Davenport
Primary, Kalona.	
McLennan, Florence Katherine	Marengo
First and Second Grades, Schleswig.	
Newgard, Thelma Ethelene	Sioux Rapids
Second Grade, Shell Rock.	
Noble, Zella Leota	Fairport
Mrs. R. F. Abbott. Fifth Grade, Wilton Junction.	
Obrecht, Inez O.	Thornton
First and Second Grades, Oto.	
Pfeffer, Eva Rose	Corwith
Rees, Juanita	Crawfordsville
First and Second Grades, Blairstown.	
Reeve, Aileen	Blanchard
Grades, Cooper.	
Reinhart, Mae	Waterloo
Rislov, Annette Ingeborg	Northwood
Second Grade, Postville.	
Robinson, Mildred	Guthrie Center
Assistant to County Superintendent of Schools, Guthrie Center.	
Rohr, Martha C.	Manning
Primary, Iowa City. 611 S. Clinton.	
Sailer, Helen A.	Ackley
Second Grade, Castana.	
Schmidt, Dorothy M.	Battle Creek
First Grade, McGregor.	
Schwarzenbach, Ruth J.	Lake Park
Lake Park.	
Shawver, Clarice Pauline	Red Oak
Primary, Farnhamville.	
Slocum, Hazel L.	Rudd
First Grade, Armstrong.	
Sperring, Alice E.	Earlville
Second Grade, Boone. 1128 Boone St.	
Stammer, Mildred L.	Belle Plaine
First and Second Grades, Gray.	
Steiniche, Marie	Manilla
Steussy, Anna L.	Algona
Stradling, Celestia Irma	Auburn
First Grade, Colfax.	
Tharnish, Romaine W.	Kellerton
Second Grade, Bradgate.	
Thompson, Selma J.	Waukon
Primary, Mingo.	
Thon, Esther	Bolan
Rural School, Bolan.	
Trickey, Mildred Irene	Iowa Falls
First Grade, Dows. Box 97.	
Tromerhauser, Tletha M.	Marengo
Second and Third Grades, Hawarden.	
Van Arsdale, Gladys	Huron, S. D.
Second Grade, Sioux Falls, S. D. 510 W. 13th St.	
Vegors, Alis Irene	Stratford
Student, Iowa State Teachers College, Cedar Falls. 925 W. 22nd St.	
Vos, Nellie Cornelia	Hospers
Primary, Royal.	
Walsh, Mary M.	North English
North English.	
Wasser, Winifred	Storm Lake
Second Grade, Arnolds Park.	
Weeks, Marcyea C.	Baxter
Second Grade, Basketball, and Physical Training, Dunkerton.	
West, Esma Belle	Waterloo
First Grade, Dunkerton.	
White, Margaret Pauline	Indianola
Whitehill, Arline	Shenandoah
Third Grade, Colfax.	
Williamson, Ruby Lu Verne	Auburn
Primary, Gruver.	
Winterfield, Verna Alene	Iowa Falls
First and Second Grades, Blairsburg.	
Yessler, Dorothy B.	Cedar Rapids
Second Grade, Cedar Rapids.	
Young, Ruth B.	Cedar Falls
Primary, Brooklyn.	

Kindergarten Education Diploma

Bailey, Neva M. L.	Hampton
Third Grade, Waverly. 203 N. Oak St.	
Blitsch, Frances	La Porte City
Rural School, Jesup.	
Bouslough, Eunice Lucile	Cedar Falls
Kindergarten, New Hampton. 104 E. Hale St.	
Frank, Rose Eugenie	Sioux Falls, S. D.
Kindergarten, Knoxville. 909 Main St.	
Hatch, Gwen	Central City
Kindergarten, Vinton.	
Jirsa, Dorothy F.	Waterloo
Kindergarten, Waterloo. 340 Fremont St.	
Murdock, Eunice F.	Cedar Rapids
Kindergarten, Cedar Rapids. 1432 A. Ave. E.	
McDonald, Ezola June	Jewell
Neal, Dorothy Aileen	Onawa
Telephone Operator, Onawa.	
Olson, Marguerite Bertha	Sioux Falls, S. D.
Kindergarten, Cedar Falls. 401 Clay St.	
Reeves, Kathryn-Ellis	Onawa
Kindergarten, Whiting.	
Sloan, Mildred Elizabeth	Little Rock, Ark.
Kindergarten, Marion. 935 Central Ave.	
Springer, Grace J.	Charles City
Kindergarten, Independence. 600 Second Ave. N. E.	
Stebe, Carol M.	Alden
Kindergarten, Belmond.	
Warren, Zoe M.	Boone
Kindergarten, Onawa.	
Williamson, Elizabeth	Gilman
Mrs. Emery Cashner, Independence.	

Teacher of Violin Diploma

Schwarck, Marlys Lucile	Cedar Falls
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Teacher of Voice Diploma

Burns, Jeannetta S.	Garden Grove
Public School Music, Carroll.	
Michael, Erma Stewart	Cedar Falls
Voice and Public School Music, Western Union College, Le Mars.	
Rosenberger, Ruth Adele	Independence
Public School Music, Lone Tree.	
Wood, Ruth A.	Davenport
Public School Music, Dunkerton.	

Teacher of Piano Diploma

Burns, Jeannetta S.	Garden Grove
Public School Music, Carroll.	
Dresser, Lillian Pauline	Cedar Falls
Student, Iowa State Teachers College, Cedar Falls. R. 2.	
Enderlein, Olivia Marguerite	Waterloo
Student, Northwestern University, Evanston, Ill. Emerson Hall.	
Ferguson, Mayme Leah	Barnes City
Public School Music, Shell Rock.	
Kleist, Myrtle Marie	La Porte City
Public School Music, Gladbrook.	
Shimp, Ruth Genevieve	Hull
Piano Teacher, Hull.	
Vogelsang, Cecelia	Denver
Assistant Piano and Organ Teacher, Hebron College and Academy, Hebron, Neb.	
Woodring, Wilma Gertrude	Waverly
Public School Music, Clarence.	

Teacher of Rural Schools Diploma

Beucher, Geneva E.	Cresco
Rural School, Cresco.	
Breuer, Mathilda Ernestine	Lowden
Rural School, Lowden.	
Bunnell, Sara B.	Jesup
Rural School, Jesup.	
Casson, Ferne Maxine	Carson
Rural School, Red Oak. c/o V. D. Woods.	
Dircks, Marie Caroline	Lowden
Rural School, Lowden.	
Garner, Sophia Phila	New Hartford
Rural School, New Hartford.	

Jacobson, Alice C.	Floyd
Rural School, Charles City. c/o J. H. Meerdink.	
Klassi, Lucile Arvilla	Renwick
Rural School, Renwick.	
Kuntz, Alice E.	Ridgeway
Rural School, Ridgeway.	
Meister, Norbert W.	Williams
Rural School, Williams.	
Metcalf, Mildred	Milo
Rural School, Indianola.	
Miller, Beunah L.	Jesup
Rural School, Independence. R. 3.	
Mott, Edith Mae	Alden
Student, Iowa State Teachers College, Cedar Falls. 2207 Walnut St.	
Myers, Isadora	Kinross
Rural School, Kinross.	
Opdahl, Florence M.	Ireton
Rural School, Ireton.	
Perrin, Esther M.	Parkersburg
Rural School, Parkersburg.	
Pinkerton, Edna M.	Quimby
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Ryan, Esther P.	Chelsea
Rural School, Chelsea.	
Sanderson, Lillian S.	Beaman
Rural School, Beaman.	
Schlef, Leonard H.	Washta
Principal of Junior High School, Torrington, Wyo. c/o Mr. Krantz.	
Schmitt, Helen Dorothy	Monona
Rural School, Monona.	
Shaffer, G. Isabelle	Cedar Falls
Torrey, Beulah	Turkey River
Teacher, Guttenberg.	
Van Dersall, Carene L.	La Porte City
Public School Music; English Literature and Spelling in Sixth, Seventh and Eighth Grades, Janesville.	
Wickersheim, Ruth Cathryn	McGregor
Rural School, McGregor.	
Wiebel, Dorothy S.	Lowden
Rural School, Lowden.	
Wilkerson, Louise E.	West Branch
Rural School, West Branch.	
Zweifel, Wanda A.	Hinton
Rural School, Hinton. c/o Otto Krause.	

Department Certificates in Critic Training Granted

Findley, Evelyn T.	Sac City
Critic of Teaching, Iowa State Teachers College, Cedar Falls. 2225 Iowa St.	
Hornbaker, Mrs. Gladys	Cedar Falls
The Junior College Diploma, August 19, 1926	
3224 W. Monroe, Chicago, Ill.	
Mantor, Marjorie	Cedar Falls
Primary Education Diploma, Aug. 23, 1923.	
Preston, Corinne B.	Audubon
Critic, East Texas State Teachers College, Commerce, Texas. 1410 Washington St.	
Swallow, Lois E.	Valley Junction
The Junior College Diploma, June 3, 1924	

Statements of Proficiency Granted

Porter, Margaret J.—Swimming	Cedar Falls
Supervisor of Physical Education, Grinnell. 1115 Broad St.	
Severin, Lois—Swimming	Cedar Falls
Physical Education and Dramatics, Millford.	

AUGUST, 1928

Master of Didactics Degree

Brayton, Cecil Harold	Ryan
B. S., Coe College, 1922	
Superintendent of Schools, Williams.	

Bachelor of Arts in Education Degree

Alley, Lois L.	Greenfield
Babb, Nina L.	Decatur
First Grade, Cedar Rapids. 1953 Blake Blvd.	
Bergfeld, Carrie Margaret	Forest City
Fourth Grade and Ward Principal, Iowa Falls. 415 Estes St.	

Bergfald, Milburn John	Forest City
Dramatics and English, Bristow.	
Brower, Elizabeth	Waterloo
Physical Education, Cherokee. Box 425, 415 West Cedar.	
Burns, Jeannetta S.	Garden Grove
Butler, Edna Gertrude	Iowa Falls
English, High School, Union.	
Cameron, Lillian M.	Waterloo
Physical Education, Grades and High School, Kewanee, Ill. 207 S. Tremont St.	
Carr, Margaret A.	Maloy
Bookkeeper and Typist, Cedar Falls. 1104 Main St.	
Carstensen, Vernon R.	Preston
Teacher, High School, Okabena, Minn.	
Christoffersen, Elsie M.	Cedar Falls
115 Main St., Cedar Falls.	
Clikeman, Don	Parker, S. D.
Science, High School, Stockton, Ill.	
Cooley, Viola M.	Clinton
Public School Music, Sioux Rapids.	
Dille, Mary Elma	Mount Ayr
Geography, Junior High School, Midwest, Wyo.	
Dostal, Cecelia	Protivin
Duncan, Helen Elizabeth	Cedar Rapids
Third Grade, Cedar Rapids. 1809 Fifth Ave. E.	
Ellinger, Ethel E.	Stout
Third Grade, River Rouge, Mich. 14 Myrtle St.	
Eneboe, Mildred Pearl	Canton, S. D.
History, Des Moines. 523 Franklin.	
Engelmann, W. Richard	Larchwood
Superintendent of Schools, Zwingle.	
Fabrick, John W., Jr.	Park Rapids, Minn.
Principal, Dysart.	
Failor, Clarence W.	Osceola
American History and Government, High School, Grinnell. 1110 Broad St.	
Farrell, Mrs. Clara Myers	Barnes City
Colfax.	
Farrell, Katherine Anna	Luzerne
Luzerne.	
Faust, Burton	Miami, Fla.
Mathematics and Science, Oviedo, Fla.	
Findley, Evelyn T.	Sac City
Critic of Teaching, Iowa State Teachers College, Cedar Falls. 2225 Iowa St.	
Fischer, Clara Viola	Enid, Okla.
Art Teacher, Des Moines. 1153 18th St.	
Fouser, Audrey L.	Ellston
Geuder, Clara E.	Guttenberg
Public School Music, Knoxville. 1614 Marion St.	
Gillaspy, Carrie Colene	Cedar Falls
410 W. Fourth St., Cedar Falls.	
Gilles, Regina J.	Riceville
Habermehl, Audrey	Pocahontas
Physical Training, Winslow, Ariz.	
Hadley, Erma Claire	Waterloo
Hagan, Gladys Eleanor	Atkins
First and Second Grades, Jamaica.	
Hamilton, Hazel Isabelle	Independence
Head of Home Economics Department, Wauwatosa, Wis.	
Hansen, Minna M.	Center Junction
Eighth and Ninth Grades, Boarding School for Eskimo Children, White Mountain, Alaska.	
Haven, Opal	La Porte City
Sixth Grade, Waterloo. 70 Mulberry St.	
Herrling, Mildred	Charles City
906 Hulin St., Charles City.	
Hornbaker, Gladys Margaret Dick	Bonaparte
3224 W. Monroe, Chicago, Ill.	
Howard, Florence J.	Chicago, Ill.
Waitress, Hotel La Salle, Chicago, Ill. 1155 N. Clark St.	
Howe, Jessie Harriet	Cedar Rapids
Teacher, High School, Little Rock, Ark.	
Hoyman, Verna Alice	Stanwood
English, High School, Tipton.	
Husby, Bennet E.	Forest City
English, History and Coaching, High School, Canton, Minn.	
Jester, Lois Madge	Paton
Science, Junior High School, Des Moines. 2021 York St.	

Jewell, Clem H.	Cedar Falls
Student, Harvard Law School, Cambridge, Mass. 45 Langdon St.	
Johnson, Jewell F.	Boxholm
Superintendent of Schools, Hardy.	
Kern, Marie L.	Council Bluffs
Physical Director, Y. W. C. A., Ottumwa.	
Knoer, Esther L.	Whitten
Mathematics, High School, Manchester.	
Lapp, Myron	Kinross
Science Teacher, Mabel, Minn.	
Leitha, I. Kathryn	Waverly
Waverly.	
Michael, Erma Stewart	Cedar Falls
Miller, Inez O.	Unionville
Mathematics and General Science, High School, Morning Sun.	
Mills, Minnie M.	Kingsley
Kingsley.	
Mulder, Delia	Le Mars
Grade Principal, Cedar Falls. 104 E. Ninth St.	
Nordmark, Bernice Carolyn	Fort Dodge
Olsen, Sina	Forest City
History, Junior High School, Mount Pleasant. 206 S. Jefferson St.	
Orcutt, Della D.	Waterloo
Principal of Grade School, Waterloo. 623 Kingsley Ave.	
Patten, Lester David	Traer
Principal and Coach, Fertile.	
Petersen, Anna Marie	Kimballton
Normal Training, Reinbeck.	
Preston, Corinne B.	Audubon
Critic, East Texas State Teachers College, Commerce, Texas. 1410 Washington St.	
Reisinger, Lois K.	Dike
Physical Education, Monticello.	
Robb, Leon E.	Cedar Falls
Commercial Traveler. 1105 W. 22nd St., Cedar Falls.	
Rohrig, Esther Agnes	Oelwein
Head of Violin Department, Phoenix Public Schools, Phoenix, Ariz. 338 N. Fourth Ave.	
Schutt, Glenn A.	Clarion
Clerk, Newton. c/o J. G. Williams, R. 4.	
Shaffer, Lyle F.	Sheffield
Storie, Jessie A.	Chariton
Suchomel, Elizabeth B.	Cedar Rapids
Kindergarten, Cedar Rapids. 1435 S. Third St. W.	
Swallow, Lois E.	Valley Junction
Taylor, Elsie Mae	Waterloo
First Grade, Waterloo. 910 W. Seventh St.	
Thorsen, Johanna C.	Tipton
English, High School, Glenwood. 308 N. Chestnut.	
Tjaden, Ellien Gertrude	Woden
Science, Junior and Senior High School, Le Mars. 235 Central Ave.	
Tremain, Ruth Ethel	Marathon
First Grade, Larrabee.	
Trygg, Oliver Leibrand	McGregor
Graduate Student, State University of Iowa, Iowa City. 322 N. Linn St.	
Walter, Nellie R.	Quasqueton
Principal of Junior High School, Holstein.	
Walton, Inez	Alden
Welch, Chauncey Myron	Redwood Falls, Minn.
Coach, Humboldt.	
Wesgaard, Grace C.	Tecamah, Neb.
Fourth Grade, Guthrie Center.	
Wessling, V. Agnes	Arcadia
Arcadia.	
Whitcomb, Howard L.	Redwood Falls, Minn.
Principal of Junior High School, Greeley.	
Wickens, Verna B.	Gruver
Departmental, Grades, Waterloo. 325 Western Ave.	
Wood, Amney	Sigourney
Primary, Cedar Heights, Waterloo.	

Bachelor of Science in Education Degree

Brietske, William Terrell	Waterloo
Manual Training and English, Curlew.	
Callender, Lillian Jorgine	West Point
Principal, West Point.	

Coffin, Esther May	Waterloo
Shorthand, Vocational School, Milwaukee, Wis. Apt. 69, 501 Marshall St.	
Crabtree, Russell Robert	Clarion
Crawford, Mary Lucas	Indianola
Commercial Teacher, Galena, Ill. 208 N. Bench St.	
Deal, Harry H.	Waterloo
Coaching and Manual Training, Shelby.	
Dorrell, Frances Evelyn	Cedar Falls
Home Economics and Science, Buckingham.	
Farrell, Paul W.	Barnes City
Manual Arts, Colfax.	
Greelis, Madaline Ula	Waterloo
Home Economics and Science, West Bend.	
Higgins, Irene G.	Rock Valley
Commercial Teacher, Abbotsford, Wis.	
Hurd, Floyd Edward	Winnebago, Minn.
Jensen, Berdie Evelyn	Lake Mills
Principal of Junior High School, Iowa Falls.	
Jones, Myrle Lawrence	Webster
Manual Arts, Eldora.	
Letson, Percy	Cedar Falls
Mabee, James D.	Whitten
Orr, Arline Marie	Cedar Falls
Home Economics, Onawa.	
Stevens, Lyman P.	Pomona, Calif.
Coach, High School, Britt.	
Sullivan, Elizabeth Mary	Jesup
Home Economics and History, High School, Maloy.	
Thorson, Oscar M.	Emerson
Manual Arts, Fremont, Neb. 422 W. Sixth.	
Woerdhoff, Mildred Joan	Dyersville
Home Economics and Social Science, High School, Solon.	

Public School Music Education Diploma

Calbreath, Darlene Bessie	Chariton
Public School Music, Ireton.	
Cortright, Lucille	Nashua
Public School Music, Linn Grove.	
Johnson, Alice Annetta	Cedar Falls
Mrs. A. E. Meswarb, Cedar Falls. 316 Clay St.	
Shimp, Ruth Genevieve	Hull
Piano Teacher, Hull.	
Tonnesen, Alice M.	Dike
Public School Music, Crawfordsville.	
Tully, Marie A.	Dubuque
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	

Commercial Education Diploma

Baldwin, Kenneth S.	Cedar Falls
Commercial Teacher, High School, Delta.	
Buboltz, Van A.	Massena
Burton, Minerva I.	Waterloo
Typewriting and Shorthand, Clarion.	
Caldwell, Edna Florence	Washington
Commercial Teacher, Brown's Business College, St. Louis, Mo. 5559 Vernon Ave.	
Carpenter, Helen E.	Rose Hill
Fifth and Sixth Grades, and Typewriting, Rowley. Box 475.	
Freese, Alberta	Clarence
Stenographer, Court House, Tipton. c/o County Auditor.	
Freeze, Velma Clark	Casey
Student, Iowa State Teachers College, Cedar Falls. 2209 Olive St.	
Hardy, Lois E.	Greene
Stenographer, Cedar Rapids. 628 Third Ave. E.	
Lackore, Dorothy Jean	Hayfield
Third and Fourth Grades, Fertile.	
Owen, Estella Grace	Dunkerton
Rural School, Dunkerton.	
Smith, Thelma Maude	Le Grand
Rural School, Waterloo.	
Welch, Helen Elizabeth	Bedford
Bedford.	

Art Education Diploma

Cooper, Rachel Eloise	Sac City
Art Teacher, Des Moines. 1127 44th St.	

Manual Arts Education Diploma

Cooper, Glenn William	Emerson
Principal, Monmouth. Box 142.	
Polton, Russell C.	Bedford
Mathematics and Commerce, Farragut.	
Speed, Theo. R.	Fontanelle
Manual Arts and Coaching, Calumet.	

Home Economics Education Diploma

Bedford, Faye A.	Onawa
Home Economics, Littleport.	
Buser, Lula Irene	Sloan
Deimerly, Mildred Leona	Kinross
Home Economics and English, Andrew.	
Griffeth, Margaret R.	Somers
Third and Fourth Grades, Jolley.	
Hanson, Malvie Ione	Otho
Rural School, Otho.	
Minder, Beulah	Muscatine
Departmental, Fifth and Sixth Grades, Wapello.	
McLaughlin, Alice M.	Norway
Third and Fourth Grades, Walford.	
Peet, Adelia Gail	Martelle
Martelle.	
Sarchett, Regina Rae	Redfield
Fourth and Fifth Grades, St. Charles.	
Smith, Isal Bernice	Keokuk
Fourth Grade, Keokuk. 126 Blondeau St.	
Sweitzer, Dorothy Ada	Waterloo
Bookkeeper, Waterloo. 1143 Grant Ave.	
Tantow, Geraldine E.	Manly
Manly.	
Taylor, Fearyl Hunt	Earlville
Earlville.	

Consolidated School Education Diploma

Olson, Viola G.	Roland
Rural School, Bellevue. R. 5.	
Sanger, Marie Luella	Clinton
Rural School, Andover.	
Tisdale, Helen Irene	Manning
Grades, Gray.	

Elementary Education Diploma for Teachers in the Upper Grades

Anderson, Emma Jane	Marne
Grades, Waterloo. 508 Independence Ave.	
Bower, Lynford C.	Brandon
Science and Coaching, High School, Lacey.	
Brown, Florence Ethel	Keokuk
Student, Iowa State Teachers College, Cedar Falls. 2214 Merner Ave.	
Chaplin, Mildred	Waterloo
Sixth and Seventh Grades, Whitten.	
Elson, Lucile	Toddville
Fern, Marval Wilma	Waterloo
Cornell College Campaign Office. 218 Logan Ave., Waterloo.	
Garvey, Nellie	Waterloo
Grade Principal, Waterloo. 1215 Forest Ave.	
Hart, Henrietta	Davenport
Third Grade, Chicago, Ill. 6149 Greenwood Ave.	
Haight, Rosadel	Colesburg
Principal of Junior High School, Colo.	
Haulotte, Rose Mae	Waterloo
Jackson, Venona E.	Clinton
Departmental, Fifth and Sixth Grades, Clinton. 2212 Garfield St.	
Jansen, Elta D.	Marshalltown
502 E. Main, Marshalltown.	
Johnson, Susie	Rippey
Grades, Rippey. Box 44.	
Keane, Eva Magdaly	La Motte
Principal, Farley.	
Knapp, Velma Joy	Rolfe
Principal of Seventh and Eighth Grades; General Science, High School, Turin.	
Knowles, Alice	Centerville
Mathematics, Eighth Grade, Centerville. 1100 Drake Ave.	
Knox, Opal Alpha	Dallas Center
Grades, Walnut.	

Larson, Beatrice Esther	Newell
Student, Buena Vista College, Storm Lake. 417 Otsego St.	
Lovell, Alice Owens	Madison, Neb.
Fifth Grade, Cedar Falls. 609 Clay St.	
Mitchell, Marjorie M.	College Springs
English, High School, Redding.	
Morrisk, Helen	Tabor
Seventh and Eighth Grades, Bartlett.	
McKenna, Nellie	Livermore
Fifth and Sixth Grades, Livermore.	
Newell, Elsie V. Courter	Chariton
Substitute Teacher, Chariton. 117 N. 13th St.	
Poffenberger, Hattie	Dolliver
Junior High School, Strawberry Point.	
Strahorn, Helen Elizabeth	Iowa Falls
Departmental, Junior High School, Onawa. Box 689.	
Strand, Elsie L.	Primghar
Primghar.	
Sturtz, Laura M.	Wenatchee, Wash.
Eighth Grade, Paullina.	
Terrill, Lurene Elma	Rippey
Sixth Grade, Cooper.	
Turner, Mary Cathryn	Woodward
Eighth Grade, Woodward.	
Veith, Hazel A.	Keokuk
Departmental, Fourth, Fifth, and Sixth Grades, Keokuk. R. 2.	
Volentine, V. Winsome	Burt
Third and Fourth Grades, Charter Oak.	
Weiler, Sadie Agnes	Reinbeck
Seventh Grade, Algona.	
Winter, Martha Koenig	Waterloo
Grades, Waterloo. 509 Washington St.	
Wintersteen, Ethel	Maquoketa
Seventh and Eighth Grades, Lost Nation.	
Wohlenberg, Mabel G.	Everly
Fifth and Sixth Grades, Lake Center Consolidated School, Dickens.	
Woollard, Flossie Helen	Marshalltown
Seventh and Eighth Grades, South English.	
Elementary Education Diploma for Teachers in the Intermediate Grades	
Anderson, Pearl Beatrice	Oelwein
Grades, Raymond, Mont.	
Barber, Florence R.	Waterloo
Rural School, Waterloo. 809 Conger St.	
Blain, Marion E.	Gilmore City
Fifth Grade, Rockwell City.	
Blair, Marguerite Avonelle	Iowa Falls
Bloom, Esther M.	Winfield
Third Grade, Cedar Falls. Graham Apts.	
Boddicker, Agnes A.	Newhall
Rural School, Watkins.	
Boock, Zanet Hester	Schleswig
Departmental, Fifth and Sixth Grades, Onawa.	
Bugbee, Bessie Nancy	Marshalltown
Fourth Grade, Marshalltown. 205 N. Fourth St.	
Cadwell, Frances Lenore	Coin
Fifth Grade, Malvern.	
Cheney, Irma D.	Deep River
Sixth Grade, Grinnell.	
Clayton, Kathryn Helen	Corydon
Fourth Grade, Corydon.	
Comstock, Evangeline E.	Cedar Falls
Student, Iowa State Teachers College, Cedar Falls. 2521 Walnut St.	
Conklin, Abbie Fairchild	Webster City
Corriell, Merle Frances	Atalissa
Rural School, Muscatine. R. 6.	
Cronan, Opal F.	Algona
Fourth Grade, Elmhurst, Ill. 141 Clara Place.	
Crooks, Helen	Spirit Lake
Grades, Fernald.	
Dobson, Vinetta Blanche	Princeton, Mo.
Third and Fourth Grades, Ravanna, Mo.	
Eickelberg, Bertha E.	Janesville
Teacher, Dunkerton.	
Foster, Harriet Ruth	Great Falls, Mont.
Gienap, Esther Marie	Webster City
Glade, Arlene M.	Ocheyedan
Third Grade, Holstein.	

Grayson, Jessie J.	Emerson
Hall, Gladys Mae	Bondurant
Fourth and Fifth Grades, Farrar.	
Haney, Edith V.	Pulaski
Fourth Grade, Greene.	
Harmon, Elizabeth	Fort Dodge
Seventh Grade, Gilmore City.	
Holtmyer, Helen Cleo	Elliott
Rural School, Elliott.	
Jacobson, Mildred Elvera	Boone
Fifth Grade, Boone.	
Kees, Alma E.	Laurens
Kneedy, Mary Edythe	Red Oak
Rural School, Red Oak.	
Koland, Viola	Clermont
Little, Margaret I.	Newton
Maland, Erma H.	Kanawha
Rural School, Kanawha.	
Malloy, Helen Modesta	State Center
Martin, Bernice Harriet	Little Cedar
Rural School, Osage. R. 5.	
Miller, Myrtle C.	Sumner
Grades, Alpha.	
Moser, Mabel Martha	Dallas Center
Rural School, Dallas Center.	
McCabe, D. Lola	Seymour
English and History, High School, Batavia.	
Paulsen, Vernetta C.	Schleswig
Rural School, Charter Oak.	
Rabe, Ardys Marie	West Liberty
Sixth Grade, Monticello.	
Reynolds, Margaret Mary	Salix
Salix.	
Rosenstock, Bertha	Dumont
Rural School, Dumont.	
Sagen, Helen Aneta	Fertile
Primary, Indian Mission School, Oaks, Okla.	
Schroeder, Alvina M.	Waterloo
119 Allen St., Waterloo.	
Scrogum, Ila C.	McGregor
Seventh and Eighth Grades, Mallard.	
Seely, Mary Margaret	Vinton
Fourth, Fifth and Sixth Grades, Morrison.	
Severn, Clara L.	Farley
Principal of Ward School; Sixth Grade, Mount Vernon.	
Simpson, Ada Cora	Panora
Fourth Grade, Panora.	
Tutton, Bernice A.	Buffalo Center
Tuynman, Irene	Rock Valley
Rural School, Rock Valley.	
Wagner, Irene H.	Jesup
Jesup.	
Wald, LeVona	Whittemore
Fourth Grade, Dumont.	
Wiles, Lola	Gary, Ind.
Departmental, Fifth and Sixth Grades, Carroll.	
Wilson, Agnes Caroline	Vinton
Fourth Grade, La Porte City.	
Wyckoff, Lenore	Red Oak
Sixth Grade, Grinnell. 1317 Fifth Ave.	
Young, Thelma F.	Bassett
Primary, Bassett.	
Primary Education Diploma	
Akery, Edith	Brooklyn
First Grade, Brooklyn.	
Anderson, Chrystal I.	Shenandoah
Second Grade, Early.	
Anderson, Lillian L.	Marne
Second Grade, Monticello. Box 691.	
Andresen, Frieda L. H.	Anamosa
Primary, Underwood.	
Aves, Marjorie	State Center
Second and Third Grades, Albion.	
Bachman, Alice Elizabeth	Denison
Primary, Dundee.	
Bahe, Leona M.	Fairbank

Barron, Freida Kathryn	Fort Madison
Employee, Pen Company, Fert Madison. 328 Avenue F.	
Barton, L. Ruth	Roscoe
First Grade, Yarmouth.	
Benson, Philys Lenore	Sioux Falls, S. D.
Third Grade, Rock Falls, Ill. 307 Second Ave.	
Bone, Odessa E.	Grand River
Second Grade, Eldon.	
Brennan, Jennie W.	Mediapolis
First and Second Grades, Sperry. Mediapolis.	
Brennan, Margaret Lucille	Fort Dodge
Primary, Moorland.	
Bryden, Helen E.	Lorimor
First and Second Grades, Troy Mills.	
Butler, Jane M.	Mediapolis
Mediapolis.	
Cross, Mirnada H.	Westgate
First Grade, Westgate.	
Davis, V. Laura	Coon Rapids
Second Grade, Odebolt.	
Duke, Lillie Mae	Grand Mound
Second Grade, Davenport. No. 2 Argyle Apts.	
Duke, Ora E.	Grand Mound
Second Grade, Davenport. No. 2 Argyle Apts.	
Elam, Zelma L.	Sac City
Second and Third Grades, Lake View.	
Estes, Harriette Leora	Council Bluffs
Primary, Villisca.	
Fischer, Viola M. A.	Manchester
First and Second Grades, Tennant.	
Fredrickson, Lavilla Maxine	New Hartford
Gitt, Marian Elizabeth	Rock Island, Ill.
Primary, Rock Island, Ill. 4412 12th St.	
Gittinger, Florence Belle	Leon
First Grade, Prairie City.	
Glascock, Lois Hazel	Audubon
Audubon.	
Glass, Velma Marie	Dundee
Grether, Gertrude I.	Elgin
1220 Bank St., South Pasadena, Calif.	
Hauge, Erma J.	Story City
First and Second Grades, Randall.	
Hesner, Letha Helen	Lamont
Primary, Lamont.	
Hodges, Helen E.	Newton
Hofiman, Margaret Meryle	Libertyville
Horn, Hilda Caroline	Bloomfield
Principal of Grade Building; First Grade, Eldon.	
Iverson, E. Mildred	Britt
Third Grade, Monticello.	
James, Mary Marie	Center Junction
Johnson, Genevieve A.	Red Oak
Fourth Grade, Oakland.	
Kai, Ruby Marie	Durant
Durant.	
Lamb, Evelyn E.	Montrose
Third and Fourth Grades, Montrose.	
Landhuis, Dorothy J.	Hospers
First Grade, Bayard.	
Leonard, Martha J.	Mingo
Mingo.	
Loos, Ione M.	Dallas Center
Lund, Gertrude	Stratford
First Grade, Glenwood. 308 N. Chestnut St.	
Maurice, Margaret F.	Monticello
Primary, Silver City.	
Messer, Hazel	Victor
Midland, Inez Evangeline	Eagle Grove
McFadzen, Beatrice Mae	Rolfe
First and Second Grades, Cylinder.	
McLeod, Margaret	Chariton
First Grade, Tracy.	
McNeff, Marian E.	Monona
Second Grade, Calamus.	
Nauman, Mary Louise	Waterloo
First Grade, Ironwood, Mich. 619 E. Ayer St.	

Nielson, Gladys S.	Cedar Falls
Second Grade, Ledyard.	
Nordquist, Dagmar	Red Oak
Rural School, Red Oak.	
Norton, Bernice E.	Algona
First Grade, Lakota.	
Reed, Mary Elizabeth	Oelwein
Third and Fourth Grades, Troy Mills.	
Richards, Lorena F.	Shell Rock
First Grade, Shell Rock.	
Rohr, Della	Manning
Third Grade, Odebolt.	
Rohr, Irma Marie	Monticello
Second Grade, Belmond.	
Ross, Kathryn	Cincinnati
Primary, Cincinnati.	
Rudy, Evelyn	Eagle Grove
First Grade, Eagle Grove.	
Running, Cecile V.	Valley Springs, S. D.
Second Grade, Terril.	
Sawyer, Florence	Manchester
Rural School, Manchester.	
Shradel, Blanche Rose	Riverside
Third and Fourth Grades, Cresco.	
Shuttleworth, Florence Ann	Cresco
Smith, Elizabeth R.	Le Mars
Primary, Merrill.	
Stanberry, Grace Anne	Pleasantville
Steege, Edna Helma	Waterloo
First Grade, Delhi.	
Stevens, Velma A.	Zearing
Fifth Grade, Zearing.	
Weiland, Agnes A.	Galva
Second Grade, Lawton.	
Wigdahl, Mrs. Elisabeth Sorenson	Moorland
Second Grade, Fort Dodge. Alpha Apartments.	
Zahn, Elizabeth	Hartley
Third and Fourth Grades, Mediapolis.	
Zirbel, Thelma I.	Newton
Third Grade, Newton. 719 S. Sixth Ave. W.	

Kindergarten Education Diploma

Dallas, Margaret E.	Tipton
Tipton.	
Dotts, Pauline	Albia
Mohn, Florence June	Vinton
Kindergarten, Grand Junction.	
Reinholdt, Helen E.	Britt
Kindergarten, Eddyville.	
Sando, Thea H.	Vermillion, S. D.
Student, Iowa State Teachers College, Cedar Falls. 2422 Olive St.	
Stevenson, Leila Bernice	Vinton
Vinton.	

Teacher of Voice Diploma

Ferguson, Mayme Leah	Barnes City
Public School Music, Shell Rock.	
Geuder, Clara E.	Guttenberg
Public School Music, Knoxville. 1614 Marion St.	
Taylor, Margaret Frances	Nashua
Public School Music, Eldora.	
Wolfe, Irving Willis	Cedar Falls
Instructor of Public School Music, Iowa State Teachers College, Cedar Falls. 2604 Iowa St.	

Teacher of Rural Schools Diploma

Bryngelson, Edna A.	Dunbar
Rural School, Marshalltown. R. 6.	
Erbe, Esther Irene	McGregor
Fay, Margery S.	Troy Mills
Troy Mills.	
Fitzgerald, Arthur K.	Truro
Rural School, Truro.	
Habermehl, Venus N.	Pocahontas
Rural School, Pocahontas.	
Horvei, Evelyn Margaret	Lake Mills
Rural School, Lake Mills.	

Mickelson, Julia T.	Story City
Rural School, Radcliffe.	
Morris, Doris L.	Kellogg
Rural School, Turner.	
Reed, Augusta M.	Springville
Wagamon, Joy	Kinross
Rural School, Sigourney.	
Wilson, Margaret E.	Shannon City
Rural School, Lorimor.	
Wolcott, Rachel Angeline	Gilmore City

Department Certificates in Critic Training Granted

Hendrick, Mary Ellen	Primghar
Primary Education Diploma, June 3, 1924	
Iversen, Ida Margaret	Battle Creek
The Junior College Diploma, August 21, 1924	

DECEMBER, 1928

Bachelor of Arts in Education Degree

Bender, Aurelia M. E.	Waterloo
Primary, Wood, S. D.	
Braklow, Louise J.	Boone
Doe, Wayne Huffman	Marshalltown
Helmick, Dorothy Myrtle	Brighton
Hille, Elizabeth H.	Round Knob, Ill.
Round Knob, Ill.	
Jennings, Josephine E.	Cedar Falls
Long, Irma J.	Anthony
Mullin, Josephine Loretto	Britt
McCreery, Beryl	Cedar Falls
Smolik, Fred	Clutier
Wessling, Louise	Arcadia
Arcadia.	

Bachelor of Science in Education Degree

Blake, Ruth	Cedar Falls
Crawford, Ruth	Winthrop
Winthrop.	
Phares, Minnie	Colo
Wilson, Harold	Marble Rock

Commercial Education Diploma

Payne, Frances	Cedar Falls
Pillmore, Clara May	Warren, Ill.
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Shugart, Mary Orr	Cedar Falls

Art Education Diploma

Hartwig, Florence E.	Boone
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	

Manual Arts Education Diploma

Tisdale, J. R.	Zearing
Vestal, Paul Douglas	Emerson
Student, Iowa State Teachers College, Cedar Falls. 2109 Walnut St.	

Home Economics Education Diploma

Seager, Myra L.	Gilman
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Elementary Education Diploma for Teachers in the Upper Grades

Crawford, Ida	Winthrop
Science, Junior High School, West Liberty.	
Devine, Regina K.	LuVerne
Student, Iowa State Teachers College, Cedar Falls. 1906 College St.	
Goranson, Hazel M.	Emmetsburg
Manning, Genevieve	Sac City
Maynard, Mrs. Genevieve	Marshalltown
Pearce, Margery	Dubuque
305 Seminary St., Dubuque.	
Riley, Julia A.	McGregor
Wedel, Edna E.	Benton Harbor, Mich.

Elementary Education Diploma for Teachers in the Intermediate Grades

Cannon, Maude	Nora Springs
Nora Springs.	

Cooper, Lois Ellen	Garwin
Rural School, Tama. R. 3.	
Gamet, Bessie Elmyra	Orson
Rock Falls, Ill.	
Johnson, Mayona C.	Hawarden
Student, Iowa State Teachers College, Cedar Falls. Bartlett Hall.	
Swenson, Josie T.	Jewell

Primary Education Diploma

Duffus, Mrs. Ora Esther	Des Moines
Engebretson, Martha H.	Linn Grove
Third and Fourth Grades, Cornell.	
Goodwin, Besse Mildred	Oskaloosa
Junker, Elna M.	Harlan
Third Grade, Newton.	
Kimberley, Minnie Harriet	Collins
Second Grade, Waterloo. 201 Walnut Court.	
Pirie, Arlene B.	Springville
Scharlach, Stella S.	Corwith
Third Grade, Sioux City. 1510 W. Palmer Ave.	
Van Ness, Katherine C.	Algona

Kindergarten Education Diploma

Freeburg, Dorothy R.	Charles City
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Teacher of Rural Schools Diploma

Casson, Ruby Grace	Macedonia
Student, Iowa State Teachers College, 507 Shugart St., Shenandoah.	
Stewart, Mildred Ilo	Indianola
Indianola.	

SUMMARY OF STUDENTS

JUNE 1, 1927 TO JUNE 1, 1928

		1927-1928		
		Men	Women	Total
I.	Students with College Degrees	19	35	54
II.	Students on Four-Year College Curriculums			
	Seniors	143	287	430
	Juniors	182	430	612
	Sophomores	163	163	326
	Freshmen	183	162	345
	Total	671	1042	1713
III.	Students on Two-Year or Three-Year Diploma Curriculums.			
	1. Third Year			
	Public School Music	1	35	36
	2. Second Year			
	Art	1	13	14
	Commercial	10	45	55
	Consolidated School	3	18	21
	Elementary Education (Upper Grades)	11	211	222
	Elementary Education (Inter. Grades)		225	225
	Home Economics		46	46
	Kindergarten		36	36
	Manual Arts	26		26
	Primary		318	318
	Public School Music	2	30	32
	3. First Year			
	Art	1	18	19
	Commercial	30	66	96
	Elementary Education (Upper Grades)	14	200	214
	Elementary Education (Inter. Grades)	1	295	296
	Home Economics		66	66
	Kindergarten		34	34
	Manual Arts	30		30
	Primary		313	313
	Public School Music	7	49	56
	Total	137	2018	2155
IV.	One Year Rural Teacher Curriculum	9	123	132
V.	Twelve Weeks Normal Training (Collegiate)	21	247	268
VI.	Special Music (Piano, Organ, Voice, Violin and other Orchestral Instruments) not on other curriculums (Collegiate)	4	45	49
VII.	Special Students (Students past 21 years of age who do not have 15 units of entrance credit)	7	57	64
VIII.	Students in Collegiate Classes in Extension Summer Schools and not re-enrolled at the College during the year	57	948	1005
	Total in Resident Collegiate Work	925	4515	5440
IX.	Students in Non-Resident Collegiate Work			
	Extension Courses	44	415	459
	Correspondence Courses	41	150	191
	Total in Non-Resident Collegiate Work exclusive of duplicates	80	561	641
	Grand Total in Collegiate Work exclusive of duplicates	966	4924	5890
X.	Students in Sub-Collegiate Classes			
	1. At the College			
	Twelve Weeks Normal Training (Sub-Collegiate)	1	9	10
	Other Sub-Collegiate Students	9	29	38
	Special Music (Piano, Organ, Voice, Violin and other Orchestral Instruments) not on other curriculums (Sub-Collegiate)	5	6	11
	Visitors	6	39	45

		1927-1928		
		Men	Women	Total
2.	In Extension Summer Schools and not re-enrolled at the College during the year	25	88	113
	Visitors	3	56	59
3.	Pupils under 16 years of age taking private lessons in Music	5	16	21
	Total in Sub-Collegiate Work	54	243	297
	Net Grand Total exclusive of Training School	1020	5167	6187
A.	By Terms in Resident Work			
1.	Summer Term, 1927			
	Cedar Falls	341	2057	2398
	Albia	13	197	210
	Burlington	13	147	160
	Creston	17	289	306
	Harlan	17	154	171
	Ida Grove	8	132	140
	Spencer	17	169	186
	Ames	1	47	48
	Total for Summer Term	427	3192	3619
2.	Fall Term	522	1782	2304
3.	Winter Term	555	1730	2285
4.	Spring Term	499	1662	2161
5.	Different Students for Fall, Winter, and Spring Terms	658	2016	2674
	Net Grand Total in Residence exclusive of Training School	979	4758	5737
B.	Pupils in Training in Teaching Department			
1.	Campus Training School			395
2.	East Waterloo (Pupils in Classes Taught by Students) Lower Grades			92
3.	West Waterloo (Pupils in Classes Taught by Students) Lower Grades			121
4.	Cherokee (Pupils in Classes Taught by Students) Lower Grades			342
5.	Jesup (Pupils in Classes Taught by Students) Intermediate Grades			21
6.	Hudson (Pupils in Classes Taught by Students) Lower Grades			52
7.	Mason City (Pupils in Classes Taught by Students) Lower Grades			143
8.	Shenandoah (Pupils in Classes Taught by Students) Intermediate Grades			76
9.	Rural Demonstration Schools (Affiliated with the College)			133
10.	Consolidated Schools (Affiliated with the College)			
	a. Hudson			252
	b. Jesup			410
	Grand Total in Training Schools			1964
C.	Number Receiving Degrees, Diplomas, Department Certificates, and Statements of Proficiency:			
1.	Master of Didactics Degree (One Year of Special Work for College Graduates)		2	2
2.	Bachelor of Arts in Education Degree	56	131	187
3.	Bachelor of Science in Education Degree	28	12	40
4.	Collegiate Diplomas (Two and Three Year Curriculums of College Grade)			
	(a) Art		8	8
	(b) Commercial	8	24	32
	(c) Consolidated School		3	3
	(d) Elementary Education—Inter. Grades		81	81
	(e) Elementary Education—Upper Grades	4	47	51
	(f) Home Economics		31	31
	(g) Junior College	5	135	140
	(h) Kindergarten		26	26
	(i) Manual Arts	16		16
	(j) Primary		223	223
	(k) Public School Music		32	32
5.	Rural Teacher Diploma (One Year Collegiate Work)	3	41	44

SUMMARY OF STUDENTS

135

	1927-1928		
	Men	Women	Total
6. Special Music Diplomas			
(a) Piano		8	8
(b) Violin		1	1
(c) Voice		6	6
Total Graduates	120	811	931
7. Department Certificates			
Critic Teacher		9	9
8. Statement of Proficiency			
Swimming		2	2
Grand Total	120	822	942

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