

The
UNIVERSITY OF AKRON

AKRON, OHIO

JUNE, 1937

GENERAL CATALOG, 1937-38



PUBLISHED BY
THE UNIVERSITY OF AKRON, AKRON, OHIO

The
UNIVERSITY *of* AKRON

1937-38 General Catalog

PUBLISHED AT AKRON, OHIO, JUNE, 1937

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THE UNIVERSITY CALENDAR

1936

JUNE 18, THURSDAYRegistration for Summer Session.
 JULY 31, FRIDAYSummer Session Closed.
 AUGUST 17 TO SEPTEMBER 5Registration and classification of entering freshmen.
 SEPTEMBER 8, 9, AND 10Freshman Week.
 SEPTEMBER 11 AND 12Registration and classification of students in
 FRIDAY AND SATURDAYDay Session.
 SEPTEMBER 14, MONDAYClasses in Day Session began.
 SEPTEMBER 18 AND 19Registration and classification for Evening Session.
 SEPTEMBER 21, MONDAYClasses in Evening Session began.
 NOVEMBER 26, 27, AND 28Thanksgiving recess.
 THURSDAY, FRIDAY, AND SATURDAYAdvance classification for Day Session.
 DECEMBER 19, SATURDAY, NOON.....Christmas vacation began.

1937

JANUARY 4, MONDAYClasses resumed.
 JANUARY 11 TO 23Advance classification for Day Session.
 JANUARY 18, MONDAYFounders Day.
 JANUARY 25 TO 30 INCLUSIVESemester final examinations for Day and
 MONDAY TO SATURDAYEvening Sessions.
 FEBRUARY 3 AND 4Classification for second semester, Day Session.
 WEDNESDAY AND THURSDAY
 FEBRUARY 5 AND 6Classification for Evening Session.
 FEBRUARY 8, MONDAYClasses began for Day and Evening Sessions.
 FEBRUARY 22, MONDAYWashington's Birthday—a holiday.
 APRIL 5 TO 10 INCLUSIVESpring vacation.
 APRIL 12, MONDAYClasses resumed.
 MAY 8 AND 15Examinations for Graduate Students.
 SATURDAY AFTERNOONS
 MAY 13, THURSDAY AFTERNOON....General final examinations for Seniors, and
 qualifying examinations for prospective teachers.
 MAY 28, FRIDAYMay Day.
 MAY 31, MONDAYNo classes, in observance of Memorial Day.
 JUNE 1, 2, 3, 5, AND 7Semester final examinations for Evening
 TUESDAY-MONDAYSession.
 JUNE 7 TO 12 INCLUSIVESemester final examinations for Day
 MONDAY TO SATURDAYSession.
 JUNE 13, SUNDAYBaccalaureate service.
 JUNE 15, TUESDAYCommencement exercises.
 JUNE 21, MONDAYRegistration for Summer Session.
 JULY 30, FRIDAYSummer Session closes.
 AUGUST 16 TO SEPTEMBER 4Registration and classification of entering freshmen.
 SEPTEMBER 7, 8, AND 9Freshman Week.
 TUESDAY-THURSDAY

SEPTEMBER 10 AND 11 FRIDAY AND SATURDAY	Registration and classification of students in Day Session (Divisions A and B in co-operative engineering).
SEPTEMBER 13 MONDAY, 8:00 A. M.	Classes in Day Session begin. (Division A in co-operative engineering).
SEPTEMBER 17, 18 FRIDAY, 1:00-9:00 P. M. SATURDAY, 9:00 A. M.-9:00 P. M.	Registration and classification for Evening Session.
SEPTEMBER 20, MONDAY	Classes in Evening Session begin.
NOVEMBER 11 TO 13 INCLUSIVE	Final examinations for Division A in co-operative engineering.
NOVEMBER 15, MONDAY	Final classification for Division B in co-operative engineering.
NOVEMBER 16, TUESDAY	Classes begin for Division B in co-operative engineering.
NOVEMBER 25, 26, AND 27	Thanksgiving recess.
DECEMBER 18, SATURDAY, NOON	Christmas vacation begins.
1938	
JANUARY 3, MONDAY	Classes resume.
JANUARY 10 TO 22	Advance classification for Day Session.
JANUARY 18, TUESDAY	Founders Day.
JANUARY 24 TO 29 INCLUSIVE MONDAY TO SATURDAY	Semester final examinations for Day and Evening Sessions.
JANUARY 27 TO 29 INCLUSIVE	Final examinations for Division B in co-operative engineering.
FEBRUARY 3 AND 4 THURSDAY AND FRIDAY	Final classification of students in Day Session.
FEBRUARY 4 AND 5 FRIDAY, 5:00-9:00 P. M. SATURDAY, 9:00 A. M.-9:00 P. M.	Classification for Evening Session.
FEBRUARY 7, MONDAY	Classes for Day and Evening Sessions begin. (Division A in co-operative engineering).
FEBRUARY 22, TUESDAY	Washington's Birthday—a holiday.
APRIL 7, 8, AND 9	Final examinations for Division A in co-operative engineering.
APRIL 11 TO 16 INCLUSIVE MONDAY TO SATURDAY	Spring vacation.
APRIL 18, MONDAY	Classes resume.
APRIL 18, MONDAY	Final classification for Division B in co-operative engineering.
APRIL 19, TUESDAY	Classes begin for Division B in co-operative engineering.
MAY 7 AND 14	Examinations for Graduate Students.
MAY 12, THURSDAY AFTERNOON	General final examinations for Seniors, qualifying examinations for prospective teachers.
MAY 27, FRIDAY	May Day.
MAY 30, MONDAY	Memorial Day.
MAY 31, JUNE 1, 2, 3, 4 AND 6 TUESDAY, WEDNESDAY, THURSDAY, SATURDAY, AND MONDAY	Semester final examinations in Evening Session.
JUNE 6 TO 11 INCLUSIVE MONDAY TO SATURDAY	Semester final examinations in Day Session.
JUNE 9 TO 11 INCLUSIVE THURSDAY, FRIDAY, AND SATURDAY	Final examinations for Division B in co-operative engineering.
JUNE 12, SUNDAY	Baccalaureate Service.
JUNE 14, TUESDAY	Commencement Exercises.
JUNE 20, MONDAY	Registration for Summer Session.

UNIVERSITY FACULTY AND ASSISTANTS
1936-1937

Note: The date in parentheses indicates the beginning of service at Buchtel College or the University of Akron; unless otherwise stated, service began in the month of September.

- HEZZLETON E. SIMMONS, *President of the University* (1910)
B. S., Buchtel College; M. S., University of Pennsylvania; D. Sc., College of Wooster, 1934.
- PAUL ACQUARONE, *Assistant Professor of Botany and Geology* (1931)
B. S., Pennsylvania State College; Ph. D., Johns Hopkins, 1929.
- JOHN ADENDORFF, *Professor of Industrial Engineering* (1929)
M. E., Cornell University, 1907.
- JAMES W. AIKEN, *Director of Athletics* (1936)
B. S., Washington and Jefferson College.
- UDO ALBRECHT, *Instructor in Modern Languages* (1933)
A. B., University of Akron, 1934.
- DAVID E. ANDERSON, *Director of City Testing Laboratory and Assistant Professor of Chemistry* (1923)
A. B., Augustana College; M. S., University of Chicago, 1923.
- FREDERIC E. AYER, *Dean of the College of Engineering and Commerce* (1914)
C. E., Lafayette College, 1900.
- MRS. JANE S. BARNHARDT, *Assistant Professor of Art* (June, 1923)
B. E., M. Ed. 1930, University of Akron.
- HARRY A. BENDER, *Associate Professor of Mathematics* (1928)
A. B., Ohio University; A. M., Ph. D. 1923, University of Illinois.
- PAUL O. BIXLER, *Assistant Director of Athletics* (1936)
A. B., Mount Union College, 1929.
- MAXWELL P. BOGGS, *Treasurer of the University* (March, 1927)
A. B., Muskingum College.
- MERL L. BRODERICK, *Assistant Professor of Military Science and Tactics* (1925-1930) (1936)
Major, Infantry, U. S. A.
- WILLIAM E. BROWN, *Instructor in Military Science and Tactics* (December, 1936)
Staff Sergeant, Infantry, U. S. A.
- CHARLES BULGER, *Professor of Modern Languages, and Dean of Graduate Study* (February, 1910)
Ph. B., Buchtel College; A. M., Ph. D. 1925, University of Wisconsin.
- JOHN BULGER, *Associate Professor of Structural Engineering* (1918)
B. C. E., Ohio State University, 1918.
- RENA NANCY CABLE, *Instructor in Art* (1927)
B. E., M. Ed. 1931, University of Akron.
- JAMES M. CAMPBELL, *Special Teacher of Violin, and Director of the University Orchestra* (1933)
B. A., University of Akron, 1935.
- WALTER A. COOK, *Professor of Chemistry* (1926)
B. A., M. A., Ph. D. 1924, University of Cincinnati.
- RAYMOND D. COOL, *Assistant Professor of Chemistry* (1934)
B. S., Bridgewater College; M. S., Ph. D. 1928, University of Virginia.
- HOWARD I. CRAMER, *Assistant Professor of Chemistry* (1933)
B. S., University of Akron; M. S., Ph. D. 1929, University of Wisconsin.
- EARL W. CRECRAFT, *Professor of Political Science* (1919)
Ph. B., Franklin College; A. M., Ph. D. 1915, Columbia University; LL. D., Franklin College, 1934.
- HARMON O. DEGRAFF, *Professor of Sociology* (1930)
B. A., M. A., State University of Iowa; Ph. D., University of Chicago, 1926.

- HJALMER W. DISTAD, *Assistant Professor of Elementary Education* (1934)
B. S. Ed., M. A., Ph. D. 1926, University of Minnesota.
- HOWARD M. DOUTT, *Professor of Secretarial Science* (1926)
A. B., University of Akron; A. M., University of Chicago, 1934.
- SARAH DUNCKLEY DREISBACH, *Assistant Professor of Physical Education* (1921)
B. S., M. S. Ed. 1931, University of Akron.
- ROSS C. DURST, *Professor of Civil Engineering* (1917)
B. S. C. E., C. E. 1922, Ohio Northern University.
- MAXINE M. DYE, *Assistant Professor of Speech* (1930)
A. B., Penn College; M. A., University of Wisconsin, 1930.
- ELMER ENDE, *Assistant Professor of Music* (1930)
B. Mus., American Conservatory of Music, Chicago; M. A., Ohio State University, 1930.
- HOWARD R. EVANS, *Dean of the College of Education, and Professor of School Administration* (1929)
A. B., Indiana State Teachers College; M. A., Columbia, N. Y.; Ph. D., Northwestern University, 1930.
- MARGARET F. FANNING, *Assistant Professor of Modern Languages* (1927)
A. B., University of Akron; A. M., Radcliffe College, 1926.
- ELDORA FLINT, *Assistant Professor of Secretarial Science* (1929)
B. Ed., University of Akron; M. S. Ed., Syracuse University, 1935.
- CARROLL W. FORD, *Assistant Professor of Economics* (1936)
A. B., Cornell University, 1925; Ph. D., 1936.
- OMER R. FOUTS, *Assistant Professor of Physics* (1926)
A. B., Wittenberg College; A. M., Ohio State University, 1925.
- ROLLAND D. FOX, *Assistant Professor of Bacteriology (part-time)* (1921)
B. S., M. S. 1923, University of Akron.
- DONFRED H. GARDNER, *Professor of History, and Dean of Men* (1924)
A. B., A. M. 1923, Princeton University.
- BURTON A. GARLINGHOUSE, *Director of Glee Clubs* (1933)
A. B., University of Michigan, 1920.
- WALTER A. GILMOUR, *Professor of Co-ordination* (1922)
B. S. C. E., Norwich University, 1914.
- JAMES W. GLENNEN, *Instructor in Modern Languages* (1934)
A. B., University of Akron; A. M., Western Reserve University, 1934.
- ERNEST C. GODING, *Assistant Professor of Military Science and Tactics* (1931)
Major, Infantry, U. S. A.
- DWIGHT E. GRAY, *Assistant Professor of Physics* (1932)
A. B., Muskingum College; A. M., Ph. D. 1932, Ohio State University.
- FRED S. GRIFFIN, *Professor of Mechanical Engineering* (1921)
M. E., Ohio State University, 1911.
- JAMES M. GRIMES, *Instructor in History* (1936)
A. B., M. A. 1933, University of North Carolina.
- EUGENE GEORGE HAAS, *Assistant Professor of Chemistry* (January, 1929)
B. S., University of Akron; M. S., University of Toronto; Ph. D., University of Pittsburgh, 1935.
- LOUIS F. HAMPFEL, *Instructor in Commerce and Business Administration* (February, 1933)
B. S. in Commerce, University of Akron; M. B. A., Northwestern University, 1931.
- LESLIE P. HARDY, *Director of Adult Education* (1934)
B. S. Ed., Kent State University; M. S. Ed., University of Akron, 1935.
- WARREN S. HAUSER, *Instructor in Accounting* (1935)
A. B., M. B. A. 1935, Western Reserve University.
- GEORGE L. HAYES, *Professor of Psychology* (1921)
Ph. B., Ohio University; A. M., Ph. D. 1921, University of Pittsburgh.
- DONALD HAYWORTH, *Professor of Speech* (1928)
A. B., Grinnell College; A. M., University of Chicago; Ph. D., University of Wisconsin, 1929.

- THOMAS C. HILLIARD, *Instructor in Accounting* (1935)
A. B., Nebraska State Teachers College; M. A., University of Nebraska, 1935.
- FRED F. HOUSEHOLDER, *Professor of Physics* (1918)
B. A., M. A. 1916, University of Wisconsin.
- ROSSER L. HUNTER, *Professor of Military Science and Tactics* (1935)
LL. B., George Washington University, 1916; Infantry School, Fort Benning, Ga. 1920-24; Major, Infantry, U. S. A.
- EDGAR P. JONES, *Assistant Professor of Biology* (1932)
B. S., M. S., Ph. D. 1932, University of Pittsburgh.
- JOHN L. JONES, *Professor of Mathematics* (February, 1920)
Ph. B., Lafayette College; M. A., Ph. D. 1911, Yale University.
- DON A. KEISTER, *Instructor in English* (1931)
A. B., A. M. 1933, University of Akron.
- CLARA M. KEMLER, *Assistant Professor of Primary-Elementary Education* (1928)
A. B., A. M. 1926, Wittenberg College.
- DAVID KING, *Assistant Professor of Political Science* (1927)
A. B., Maryville College; A. M., University of Chicago, 1925.
- CHARLES M. KNIGHT, *Professor Emeritus of Chemistry*
A. M., Tufts College; D. Sc., Buchtel College, 1897.
- WALTER C. KRAATZ, *Professor of Biology* (1924)
B. A., University of Wisconsin; M. A., Ph. D. 1923, Ohio State University.
- EMERY L. KUHNES, *Professor of Education* (1923)
B. S., Upper Iowa University; Pd. M., Ph. D. 1915, New York University.
- EBBA LARSON, *Assistant Registrar* (August, 1926)
- ELIZABETH A. LATHROP, *Assistant Professor of Home Economics* (1927)
B. S., M. A. 1927, Columbia University.
- CHESTER LEBO, *Special Teacher of Band Instruments, and Director of the University Band* (1932)
Diploma, Conn National School of Music; B. M., Dana Musical Institute, 1934.
- WARREN W. LEIGH, *Professor of Commerce and Business Administration* (1926)
A. B., University of Utah; M. B. A., Ph. D. 1936, Northwestern University.
- MISS WILL LIPSCOMBE, *Assistant Professor of Mathematics* (1921)
B. S., Florida State College; M. S., Ohio State University, 1926.
- MABEL LOCKE, *Instructor in Physical Education* (1936)
B. S. Ed., Northwestern University; M. S., University of Wisconsin, 1936.
- PHIL LOFINK, *Instructor in Military Science and Tactics* (1935)
Sergeant, Infantry, U. S. A.
- CARITA McEBRIGHT, *Special Teacher of Speech* (1910)
A. B., Cornell University, 1887.
- HAROLD T. MCKEE, *Assistant Professor of Business Administration* (1929)
B. S., M. A. 1929, University of Pittsburgh.
- MARJORIE MITCHELL, *Associate Professor of English, and Dean of Women* (1923)
A. B., Western Reserve University; A. M., Radcliffe College, 1923.
- AUSTIN L. MOORE, *Instructor in History*
A. B., Oberlin College; A. M., Columbia University, 1924.
- JAY L. O'HARA, *Professor of Economics* (January 1, 1934)
A. B., University of Michigan; Ph. D., University of Minnesota, 1927.
- RAYMOND B. PEASE, *Professor of English* (1921)
B. A., University of Wisconsin; A. M., Harvard University; Ph. D., University of Wisconsin, 1921.
- MRS. RUTH PUTMAN, *Instructor in English* (1934)
A. B., Howard College, 1922.

- RUTH MARGUERITE RAW, *Assistant Professor of English* (1929)
A. B., A. M., Hiram College; A. M., Columbia University, 1924.
- KATHARINE M. REED, *Associate Professor of Modern Languages* (1918)
B. A., Newcomb College; M. A., Tulane University, 1903.
- JAMES M. RICE, *Instructor in Modern Languages* (1936)
B. A., Ohio State University; M. A., University of Michigan; Ph. D., Johns Hopkins University, 1935.
- GENEVIEVE RIDER, *Assistant Professor of Public School Music* (1928)
B. M. Ed., Northwestern University; M. A., Western Reserve University, 1935.
- EDGAR C. ROBERTS, *Assistant Professor of English* (1926)
B. S. Ed., M. A. 1924, Ohio State University.
- NEWTON OWEN SAPPINGTON, *Associate Professor of History* (1932)
A. B., Emory; M. A., University of North Carolina; Ph. D., University of Wisconsin, 1932.
- ERNEST F. SCHAEFER, *Assistant Professor of Vocational Education (Employee Training in Industry)* (1921)
B. E. M., Ohio State University, 1918.
- RICHARD H. SCHMIDT, *Registrar* (April, 1918)
A. B., Wesleyan University; M. A., Columbia University, 1915.
- FREDERICK S. SEFTON, *Professor of Physical Education* (1915)
B. S., Colgate; M. Ed., Harvard, 1925.
- SAMUEL SELBY, *Associate Professor of Mathematics* (1927)
A. B., A. M., University of Manitoba; Ph. D., University of Chicago, 1929.
- MRS. LUCY T. SELF, *Instructor in Secretarial Science* (1932)
A. B., Ohio Wesleyan University, 1920.
- ROY V. SHERMAN, *Associate Professor of Political Science* (1929)
A. B., A. M., Ph. D. 1927, State University of Iowa.
- HARRY A. SMITH, *Assistant Professor of Physical Education* (1928)
B. E., M. Ed. 1929, University of Akron.
- PAUL C. SMITH, *Assistant Professor of Electrical Engineering* (1925)
B. S. E. E., Purdue University, 1917.
- NELSON S. SNYDER, *Instructor in Education* (1927)
A. B., Mount Union College; A. M., University of Akron, 1927.
- ALBERT I. SPANTON, *Dean of Buchtel College of Liberal Arts, Vice President of the Faculty, and Professor of English* (1900)
A. B., Buchtel College; A. M., Harvard University, 1905.
- RCSS STAGNER, *Assistant Professor of Psychology* (1935)
A. B., Washington University, St. Louis; M. A., Ph. D. 1932, University of Wisconsin.
- JOHN F. STEIN, *Special Teacher of Voice* (1933)
Private instruction with Herbert Witherspoon, Enrico Rosati, Graham Reed of Chicago Musical College, and Maria Kurenko.
- CLIFFORD STICKNEY, *Instructor in English* (1927)
B. A., M. A. 1928, University of Illinois.
- MILDRED L. SWIFT, *Professor of Home Economics* (1936)
B. S., Russell Sage College; M. S., Cornell University.
- JOSEPH R. STROBEL, *Assistant Professor of Vocational Education (Teacher improvement for Trades and Industries)* (1936)
B. S., M. A., Western Reserve University.
- AUDRA TENNEY, *Instructor in Secretarial Science* (1926)
A. B., University of Akron; M. A., New York University, 1936.
- CLARENCE R. UPP, *Associate Professor of Mechanical Engineering* (1925)
M. E., Ohio State University, 1910.
- ULYSSES S. VANCE, *University Editor* (1923)
A. B., State University of Iowa, 1923.
- RALPH M. VAN METRE, *Assistant Professor of Commerce* (1929)
B. S. Bus. Admin., Ohio State University; M. A., University of Chicago, 1933.
- DONALD S. VARIAN, *Instructor in Speech* (1934)
A. B., A. M. 1934, University of Wisconsin.

- JOHN T. WALTHER, *Professor of Electrical Engineering* (1920)
B. S. E. E., University of Michigan, 1909.
- MRS. FLORENCE N. WHITNEY, *Part-time Instructor in English* (1936)
M. A., Columbia University.
- RENA WILLS, *Special Teacher of Piano* (1934)
New England Conservatory, Boston, Mass., three years; Leipsig, Germany, three years.
- EARL R. WILSON, *Assistant Professor of Engineering Drawing* (1929)
B. M. E., Ohio State University, 1916.
- JAMES WISHART, *Instructor in English* (1935)
A. B., College of Wooster; M. A., Princeton, 1932.
- CARY C. WOOD, *Professor of Philosophy* (1928)
B. S., Ohio University; A. M., Columbia University; Ph. D., University of Cincinnati, 1928.
- ARTHUR M. YOUNG, *Professor of Latin and Greek* (1930)
A. B., A. M., Ph. D. 1930, Harvard University.

LIBRARY STAFF

- JOSEPHINE A. CUSHMAN, *Librarian* (August, 1919)
Ph. B., University of Akron; B. L. S., University of Illinois, 1919.
- ETHEL S. KLAHRE, *Circulation Librarian* (1928)
A. B., University of Akron; B. L. S., Western Reserve University, 1928.
- VIVIEN MCCARTHY SUTTON, *Cataloger* (1927)
Certificate, Tuscarawas County Normal School; Diploma, Chautauqua School for Librarians, 1927.
- MARY GRACE HARRINGTON, *Circulation Assistant* (1932)
A. B., University of Akron, 1932.
- MARY ELIZABETH METZGER, *Assistant in charge of Reserve Room* (1935)
A. B., University of Akron, 1935.
- MARTHA BONNETT, *Assistant in charge of the General College Room* (1935)
A. B., Ohio State University; B. S. L. S., Western Reserve, 1934.
- LOUISE DUNFORD, *Assistant in charge of Reserve Room* (1936)
A. B., University of Akron; B. L. S., Western Reserve, 1935.
- ELSIE HENNIGAR, *Reserve Room Attendant* (1936)
A. B., University of Michigan; B. L. S., University of Illinois, 1936.

GRADUATE ASSISTANTS

- FRED H. GLENNY, *Graduate Assistant in Biology*
A. B., University of Akron, 1936.
- BEN KALMON, *Graduate Assistant in Physics*
B. S., University of Akron, 1936.

FELLOWS IN CHEMISTRY

- WILLIAM E. FORSTER, *Goodyear Tire and Rubber Company*
B. S. in Chem. Eng'g., Iowa State College, 1935.
- LELAND ONEACRE, *Firestone Tire and Rubber Company*
B. S., University of Akron, 1936.

UNIVERSITY HEALTH SERVICE

- WILBUR C. ROBERT, M. D. *University Physician*
- MRS. EMMA HENRY *Nurse*

THE DANIEL GUGGENHEIM AIRSHIP INSTITUTE

- THEODOR TRÖLLER, *Director*
Ph. D., Aachen Institute of Technology, Germany.
- THEODOR VON KARMAN, PH. D., *Technical Consultant*
On the staff of the California Institute of Technology.

PART-TIME INSTRUCTIONAL STAFF

(Not on the regular Day Session Staff)

SUMMER SESSION — 1936

- JAMES W. AIKEN, B. S. *Principles of Coaching*
Director of Athletics, University of Akron, effective September, 1936.
- FRANKLIN BOBBITT, PH. D. *Secondary School Administration*
University of Chicago.

C. J. BOWMAN, B. A., M. A.	<i>Secondary School Problems</i>
Principal of John R. Buchtel High School, Akron.	
MRS. MILDRED ETLING, B. ED., M. A.	<i>Nursery School</i>
Instructor at Fairlawn Kindergarten.	
MARY FINNEY, M. A. ED.	<i>Education</i>
Principal, Henry School, Akron.	
U. L. LIGHT, B. S., PH. B.	<i>Education</i>
Superintendent of Schools, Barberton, Ohio.	
LORETTA TISCH, B. ED.	<i>Education</i>
Teacher in Lincoln School, Akron.	
FRANK P. WHITNEY	<i>Secondary School Administration</i>
Principal, Collinwood High School, Cleveland, Ohio.	
ISABEL R. WILSON, B. S., M. A.	<i>Education</i>
Principal, Lincoln School, Akron.	
ARCH O. HECK, PH. D.	<i>Secondary School Administration</i>
Ohio State University.	
D. H. SUTTON, PH. D.	<i>Secondary School Administration</i>
State Department of Education.	
RALPH H. WATERHOUSE, B. S.	<i>Public School Administration</i>
Superintendent of Akron Public Schools.	
ANDREW KERR	<i>Coaching School, (one week)</i>
Coach, Colgate University, Hamilton, N. Y.	

Critic Teachers for 1936 Summer Session

Akron Public Schools		Barberton Public Schools
E. D. BATES	MOULTON OMEROID	L. L. EVERETT
MRS. BLANCHE G. BRADY	DORIS PITTENGER	RUTH CHAMBERLIN
MRS. LOIS CHANDLER	MARY SIMPSON	GEORGE J. FRENCH
H. M. HORST	AILENE SLATER	NORA SANTROCK
LOUISE KOEGEL	KATHRYN SNYDER	
GOLDO KUNKEL	MRS. BESS H. TUCKER	
WALTER W. LOOMIS	NORMA WILLIAMS	

EVENING SESSION—1936-1937

C. H. BETZ (Deceased, January, 1937)	<i>Aeronautics</i>
Akron Airways Pilot.	
PHILIP BORKAT	<i>Air Conditioning</i>
B. S. M. E., Case School of Applied Science.	
EDMUND BURROUGHS	<i>Real Estate Law</i>
A. B., Oberlin College; LL. D., Harvard University.	
RALPH C. BUSBEY	<i>Advertising</i>
Advertising and Merchandising Counselor, Akron.	
ANNABELLE CHALFANT	<i>French</i>
B. A., Ohio State University; M. A., Middlebury College.	
JEANNE E. COHEN	<i>Business English</i>
B. S. Sec. Sci., University of Akron, 1935.	
MRS. IRENE POOLE DAVIS	<i>Speech</i>
B. Ed., University of Akron; M. A. Ph. D. 1934, University of Michigan.	
LUCILLE DAVISON	<i>Home Economics</i>
B. Ed., University of Akron, 1933.	
MARTHA M. DODGE	<i>Secretarial Science</i>
B. Ed., Whitewater State Teachers College, Wisconsin.	
BEATRICE M. EARLEY	<i>Typewriting</i>
Class of 1938, University of Akron.	
WILLIS H. EDMUND	<i>Physical Education</i>
B. S., Ohio State University; M. A., New York University.	
L. ADRIAN FRENCH	<i>Art</i>
A. B., University of Akron, 1927; Graduate of Chicago Art Institute.	
HUBERT GROVE	<i>Metallurgy</i>
B. M. E., Ohio State University; M. S. 1932.	
CARL H. HAMBURGER	<i>Vocational Education</i>
B. S. Ed., Kent State University, 1933.	
MRS. HAZEL HINE	<i>Secretarial Science</i>
B. S. Sec. Sci., University of Akron, 1932.	
EUGENE M. HINTON	<i>Sociology</i>
A. B., Central College; M. A., University of Chicago, 1922.	

ARTHUR H. KRUSE	.....	Sociology
A. B., University of Akron; M. A., Syracuse University.		
MRS. NELLIE MILLER LEISY	.....	Secretarial Science
A. B., M. A. Ed., University of Akron.		
ANDREW D. MACLACHLEN	.....	Engineering
B. S., M. E., Massachusetts Institute of Technology.		
MRS. SARA LEWIS MILLER	.....	Botany
B. A., M. S. 1922, University of Iowa.		
FRANK C. MOORE	.....	Vocational Education
A. B., University of Michigan; M. A., Western Reserve, 1932.		
THOMAS M. POWERS	.....	Business Law
A. B., Cornell University; LL. B., Cleveland Law School.		
MARY B. REED	.....	Secretarial Science
A. B., Ohio Wesleyan; M. A., New York University, 1936.		
MARY RIBLETT	.....	Art
B. E., Cleveland School of Art, 1929.		
FRANK ROKUS	.....	Shop Mathematics
M. E., University of Akron, 1934.		
ERNEST R. STOTLER	.....	Engineering
B. S., Bradley Polytechnic Institute; M. A., Columbia University.		
ERNEST A. TABLER	.....	Mathematics
B. S., Kent State University; M. A., Western Reserve University, 1933.		
HONORA TOBIN	.....	Home Economics
B. S. in Home Economics, University of Akron; M. A., Columbia University.		
LEWIS C. TURNER	.....	Speech
A. B., Hiram; M. A., University of Akron, 1929.		
MARION VOGES	.....	Sociology
B. S., Ohio State University; M. A., University of Chicago, 1936.		
PAUL G. WAGNER	.....	Blue Print Reading
B. M. E., University of Akron, 1935.		

AKRON PUBLIC SCHOOL OFFICERS AND TEACHERS CO-OPERATING WITH THE COLLEGE OF EDUCATION

EXECUTIVE OFFICERS

RALPH H. WATERHOUSE, B. S.	.....	Superintendent of Schools
O. C. HATTON, M. A.	.....	Assistant Superintendent of Schools

CRITIC TEACHERS

MARGARET ALLEN, M. Ed.	.....	West High	A. D. LADD, M. A.	.....	Garfield High
ROSE AHERN, B. Ed.	.....	Forest Hill	ELLEN L. LEBOLD, B. Ed.	.....	Hill
FLORENCE BABB, M. A.	.....	Central High	VESTA LEIGHT	.....	Spicer
EDWIN BERGLIND, B. Ed.	.....	Henry	CHESTER LENO, B. M.	.....	Itinerant
MRS. BLANCHE BRADY, Ph. B.	.....	Central High	CARRIE LOMBARD	.....	Lincoln
MYRTLE CAVES, B. S.	.....	East High	DOROTHY LUNDELL, B. S.	.....	Hotchkiss
ANNABELLE CHALFANT, M. A.	.....	Central High	EMMA McDONNELL	.....	King
MARY LOUISE CLOSSEY	.....	South High	ROSE MARTIN	.....	Lincoln
ANN COCHRAN	.....	Bryan	ELIZABETH M. MERCER	.....	Miller
MRS. SARA COMPHER, M. A.	.....	Central High	GERTRUDE MEYER	.....	Howe
HELEN CORL, B. Ed.	.....	Goodrich	EMMA MITCHELL, B. S.	.....	Jennings
MARTHA DODGE, B. Ed.	.....	East High	MRS. MILDRED R. MOON	.....	Portage Path
CLARA ECKERT	.....	Mason	HELEN NOGAL, B. S. Ed.	.....	Grace
MRS. RUTH ERWIN	.....	Goodrich	MOULTON OMEROID	.....	Garfield High
EUNICE FACKLER, B. S. Ed.	.....	Lincoln	MRS. VYNITA C. PLANT	.....	Lincoln
NELLIE FISHER, M. S.	.....	North High	MRS. FLORENCE PORTER, B. A., B. Ed.	.....	Garfield High
MRS. MARGARET FLOWER, M. Ed.	.....	Howe	MRS. GRACE RICHARDSON, B. S.	.....	Central High
MABEL FRASE, B. E.	.....	Lincoln	L. D. RICKER, M. Ed.	.....	East High
ALICE GREEN, A. B., M. A. Ed.	.....	East High	CLIFFORD ROLL, B. A.	.....	Grace
GRACE HANSEN, B. Ed.	.....	Rankin	ROSE ROSENBERG, B. Ed.	.....	Henry
ADA HARTLINE	.....	Kent	MARTHA RYLANDER	.....	Portage Path
CALVIN HEINTZ, B. A.	.....	Kenmore High	MARJORIE SEARS, B. Ed.	.....	Henry
H. M. HORST, M. A. Ed.	.....	West High	MRS. HAZEL SELLERS, B. Ed.	.....	Portage Path
CYNTHIA HOUGH	.....	Portage Path	MRS. EVELYN SILLS	.....	Grace
KATHERINE JANDA	.....	Portage Path	LEORA STONEBURNER	.....	Buchtel High
OLGA JOHNSON	.....	East High	HONORA TOBIN, B. S., M. A.	.....	South High
NADINE JENNINGS, B. A.	.....	Garfield	BESS TUCKER, B. A.	.....	Central High
ELIZABETH KERR, B. Ed.	.....	Rankin	LUCY WHITNEY, Ph. B.	.....	Mason
FLORENCE KILLINAN	.....	West High	DAVID B. ZOOK, M. A. Ed.	.....	South High
ROSE KRAUS, B. Ed.	.....	Jackson			

COMMITTEES OF THE GENERAL FACULTY, 1936-37

EXECUTIVE—

SIMMONS, SPANTON, AYER, EVANS, C. BULGER, GARDNER, HARDY, WEEKS
(SEC.)

ADMISSIONS, CLASSIFICATION, AND ADVANCED STANDING—

Buchtel College of Liberal Arts..... REGISTRAR, SPANTON, AND HEADS OF
DEPARTMENTS
The College of Engineering..... REGISTRAR, AYER, GILMOUR AND HEADS
OF DEPARTMENTS
The College of Education..... REGISTRAR, EVANS, AND ALL MEMBERS OF
THE COLLEGE OF EDUCATION FACULTY
The General College..... REGISTRAR, GARDNER, MITCHELL
The Division of Adult Education..... REGISTRAR, HARDY, EVANS AND HEADS OF
DEPARTMENTS OF ALL COLLEGES

GRADUATE STUDY—

REGISTRAR, DEAN BULGER

THE ADMINISTRATION OF THE GENERAL COLLEGE—

GARDNER, SCHMIDT, MITCHELL

THE CURRICULUM AND FACULTY OF THE UNIVERSITY—

SPANTON, AYER, EVANS

ATHLETICS—

AYER, BOGGS, SEPTON, AIKEN, WITWER

LIBRARY—

CUSHMAN, SPANTON, AYER, EVANS, C. BULGER

IMPROVEMENT OF COLLEGE TEACHING—

EVANS, YOUNG, LEIGH, O'HARA

DISCIPLINE—

SIMMONS, SPANTON, AYER, EVANS, (*Members ex-officio*: GARDNER,
MITCHELL, PRESIDENT OF THE STUDENT COUNCIL, AND PRESIDENT OF THE
WOMEN'S LEAGUE)

EXTRA-CURRICULAR ACTIVITIES

MITCHELL, GARDNER, VANCE, HARDY, ROGERS, HAYWORTH, GARLINGHOUSE,
PRESIDENT OF THE STUDENT COUNCIL, PRESIDENT OF THE WOMEN'S LEAGUE

ADULT EDUCATION—ADVISORY—

HARDY, SPANTON, AYER, EVANS

METHODS OF TESTING IN THE GENERAL COLLEGE—

EVANS, SCHMIDT, SHERMAN, GARDNER, DISTAD, MITCHELL, STAGNER

THE UNIVERSITY OF AKRON

The University of Akron was created as a municipal institution by an ordinance of the Akron City Council, passed on August 25, 1913. This ordinance accepted in behalf of the city the offer of the Trustees of Buchtel College to give to the city the entire plant and endowment of the college as the nucleus of a municipal university, the Council promising in behalf of the city to support properly the new institution thus created. After the transfer of property had been completed by President Kolbe and Secretary Olin for the Trustees of Buchtel College, Mayor Rockwell on December 15, 1913, together with City Solicitor Taylor accepted the deeds of transfer in behalf of the city and appointed nine citizens of Akron as members of the Board of Directors of the Municipal University of Akron.

Buchtel College, the institution thus turned over to the city of Akron, was founded in 1870 by the Ohio Universalist Convention and took its name from its most generous benefactor, Hon. John R. Buchtel, who consecrated his life and his wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters and first opened its doors for the admission of students in September, 1872.

By the terms of transfer to the City of Akron, provision was made that Buchtel College retain its name and identity as Buchtel College of Liberal Arts of the Municipal University.

In September, 1926, by action of the Board of Directors, the name of the university was changed to The University of Akron.

The University of Akron, being supported in large part by public taxation, is entirely non-sectarian.

PRESIDENTS OF BUCHEL COLLEGE

*S. H. McCOLLESTER, D. D., LITT. D.	1872-1878
*E. L. REXFORD, D. D.	1878-1880
*ORELLO CONE, D. D.	1880-1896
CHARLES M. KNIGHT, Sc. D. (ad interim)	1896-1897
*IRA A. PRIEST, D. D.	1897-1901
*A. B. CHURCH, D. D., LL. D.	1901-1912
PARKE R. KOLBE, PH. D.	1913-1914

PRESIDENTS OF THE UNIVERSITY OF AKRON

PARKE R. KOLBE, PH. D.	1914-1925
GEORGE F. ZOOK, PH. D., LL. D.	1925-1933
HEZZLETON E. SIMMONS, D. Sc.	1933-

*Deceased.

STANDARDS AND EQUIPMENT

STANDARDS

The University of Akron maintains high academic standards and is accredited by the North Central Association of Colleges and the Ohio College Association. It is a member of the American Council on Education, the Association of American Colleges, the Association of Urban Universities, and the American Association of Teachers Colleges. It is included in the approved list of the Association of American Universities for admission of graduates to graduate and professional schools, and is approved for pre-medical work by the American Medical Association. Its women graduates with approved degrees (requiring at least two years or a minimum of sixty credit hours, of non-professional, non-technical work which would be credited toward an A. B. degree) are eligible to membership in the American Association of University Women.

BUILDINGS AND EQUIPMENT

The University campus lies at the head of College Street, only a short distance from the business center of the city.

Buildings on the campus include Buchtel Hall, in which are located the administration offices and ten classrooms; Carl F. Kolbe Hall, housing Bierce Library; Knight Chemical Laboratory; Crouse Gymnasium; R. O. T. C. Armory; Curtis Cottage, housing the department of home economics, including laboratories, and the Women's League Room; Phillips Hall, housing the art department; Olin Hall, at present occupied by the departments of biology and physics, with laboratories; and the central heating plant.

The Engineering Building, originally planned for engineering classes and laboratories, was remodeled during the past year and a building adjoining it was erected. This addition has a frontage of 140 feet on Carroll Street and 60 feet on Sumner Street. The Engineering Building now occupies the entire southwest corner of the campus. The new portion is three stories high. The ground floor, not yet completed, will be occupied by the Physics department and the offices of the Dean of the Engineering College. On the first floor, in addition to recitation rooms and offices, there is a large lecture room with a seating capacity of 300. The department of secretarial science and the department of commerce and business administration occupy the entire

second floor. There are now 27 offices, 20 recitation rooms, and 10 laboratories in the Engineering Building.

Through the courtesy of the Board of Education of the Akron Public Schools, the College of Education occupies a part of the nearby Spicer School Building for classroom and office purposes.

The athletic field and stadium are situated about two blocks from the campus.

BIERCE LIBRARY

The University Library, known as Bierce Library in recognition of a bequest received from General L. V. Bierce in 1874, occupies Carl F. Kolbe Hall.

The library contains 45,027 cataloged volumes, about 9,513 pamphlets, and a considerable amount of other material concerning the history of Buchtel College and the University of Akron not counted.

Departmental libraries are maintained in Olin Hall for the biology and physics departments, and in the Engineering Building for the department of engineering.

The facilities of Bierce Library are open to the citizens of Akron.

THE DANIEL GUGGENHEIM AIRSHIP INSTITUTE

The Guggenheim Foundation for the Promotion of Aeronautics, established in 1926, by the late Daniel Guggenheim, made a gift in October, 1929, to the University of Akron and the California Institute of Technology jointly for the study of lighter-than-air problems. This gift was supplemented by a contribution from the City of Akron, especially for the erection of a suitable building.

The Guggenheim Airship Institute building, completed in 1932, is four stories in height and about 75 feet square. It is located at the northwest corner of the Municipal Airport.

On October 19, 1934, the original contract expired. Upon agreement of the parties concerned, control of the institute was transferred to the University of Akron under the directorship of Dr. Theodor Troller. Dr. Theodor von Karman, who had served as Director for the five years is now Technical Consultant. In connection with the fundamental research carried on at the institute a certain amount of testing is done for industry for which a charge is made.

THE CITY TESTING LABORATORY

The City Testing Laboratory was created January 1, 1914, by a proposal made by the Board of Directors and accepted by the Akron City Council. Until November, 1930, it was known as the Bureau of City Tests. Much of the chemical and physical testing work of the city is done in the laboratory. The facilities of the Knight Chemical Laboratory and the Engineering Laboratory are available for this work.

ADMISSION

Students are admitted to the University by high school certificate, or honorable dismissal from other colleges and universities, or if over 21 years of age, as special students not in candidacy for a degree.

For a detailed statement, see under The General College.

ADMISSION FROM OTHER COLLEGES

Candidates for admission with advanced standing should have transcripts sent directly from the institution last attended to the University Registrar, together with an honorable dismissal.

For admission, the student must be eligible to re-enter the institution from which he desires to transfer, and must have a satisfactory scholastic quality of work.

In general, 16 credit hours per semester represent a full allowance of credit. Such evaluations and credit allowances are tentative, and depend upon satisfactory work being done at the University of Akron. Their validity also depends upon the completion of the course in the standard length of time.

A degree will not be granted a student entering with advanced standing from another college or university unless he spends a full year in residence and completes 32 credit hours of work, three-fourths of which must be done in the college granting the degree. It is expected that the student will do his last year's work at the University of Akron.

REQUIREMENTS FOR DEGREES

Students on the full-time basis must present 128 semester hours with necessary quality points. *Students on the co-operative basis must present 137 semester hours with the necessary quality points.

Candidates for a degree are required to file an application with the Registrar by March 1 of their senior year preceding graduation.

DEGREE WITH DISTINCTION

Students who have an average grade of 90 per cent. or better over all the work taken during the four undergraduate years shall be graduated with distinction. At least three of the four years of work must be done at the University of Akron. The words "with distinction" shall appear upon the diploma and upon the commencement program.

*For class graduating in 1940. For classes graduating in 1938 and 1939, follow the 1936 catalog.

GRADUATE STUDY AND THE MASTER'S DEGREE

In certain colleges and departments—especially in the College of Education—opportunity is offered properly qualified persons to study for the Master's degree.

EMPLOYMENT FOR STUDENTS

The Dean of Men and the Dean of Women endeavor to place students who are seeking part-time employment by keeping these students informed of opportunities which come to their offices.

The Dean of the College of Education is chairman of the Appointment Bureau for Teachers.

INTERCOLLEGIATE ATHLETICS

Intercollegiate sports are under the administration of a Faculty Committee on Athletics appointed by the President of the University.

INTRAMURAL SPORTS

All students may participate in intramural athletics. The sports are conducted for everyone with the aim of providing good wholesome recreation and physical exercise. To attain this end the department makes an effort to have each student in the University enroll in one or more of the scheduled activities.

ATHLETIC INJURIES

Students training for, or participating in, athletic competition, do so voluntarily and assume the risks incident thereto. The University assumes no legal responsibility or obligation to meet the expense of the treatment of injuries received by athletes while training for, or participating in, intercollegiate sports, unless the treatment is first authorized by the University medical officer for athletes.

GYMNASIUM LOCKERS

Gymnasium lockers are obtained by depositing \$1.00 at the office of the Treasurer of the University. The receipt therefor is presented to the officer in charge of locker assignments at the gymnasium.

THE UNIVERSITY HEALTH SERVICE

To provide for the student body necessary phases of health promotion not included in the field of physical education, the University Health Service has been established. Complete physical records and a follow-up system are maintained. The medical examinations conducted by the Health Service and the posture and physical efficiency tests conducted by the Department of Physical Education are combined. The University Physician is in his office at the gymnasium one hour each day, from 11 :00 a. m. to 12 :30 p. m.

MILITARY SCIENCE AND TACTICS

In 1919 the United States Government established at the University of Akron a unit of the Reserve Officers' Training Corps. All men students are required to take Military Science and Tactics unless exempted because of physical disability, age or other reasons.

FEES AND EXPENSES

All fees are payable at the Treasurer's office before the student enters classes.

SUMMARY STATEMENT

Tuition is free to citizens of Akron. Tuition charges for those not citizens of Akron are shown below.

A *Maintenance Fee* is paid by all students. The amount of the fee depends upon the number of credit hours taken.

A *Graduation Fee* in connection with the Bachelor's degree and Master's degree.

Student Activity Fee. Day Session: Charged all undergraduate students enrolled for eight credit hours or more. This includes a student athletic and dramatic ticket. *Evening Session:* A small fee charged each student enrolled.

Laboratory and Breakage Deposits are charged in some courses to cover the materials used.

Late Registration Fee.

Miscellaneous Fees.

Refunds.

TUITION

Citizens of the City of Akron shall not be charged tuition in any school or department of the University.

In applying this rule, the following persons, if citizens of the United States, shall be deemed to be citizens of Akron unless the circumstances of any particular case may show the fact to be otherwise, viz. :

1. Any unmarried person under 21 years of age living within the City of Akron with his parents, if Akron is the place of domicile of such parents.
2. An unmarried person over 21 years of age who has resided in the City of Akron continuously for one year or more immediately prior to registering in the University for any semester, and who has chosen Akron as the place of his domicile.
3. A husband living with his wife, or a wife living with her husband, within the City of Akron, when such husband and wife have chosen Akron as the place of their domicile.

In every other case the burden of proving citizenship in the City of Akron shall rest with the person claiming the right of free tuition.

Any person enjoying the right of free tuition shall forfeit the right upon abandoning the City of Akron as his place of domicile, but may regain the right upon re-establishing his domicile in Akron.

Any student who makes false statements of fact concerning his eligibility for admission or abatement of tuition charges is liable to immediate expulsion from the University.

Any person living outside of Akron but owning property within the City of Akron, which is taxed, may receive credit on tuition of his child or children during any semester to the extent of taxes actually paid by him for that half-year towards the University levy, by presenting receipted tax bill for that half year.

TUITION FEES

	Per Semester
Payable only by students who are not citizens of Akron:	
For 8 hours or more (18 week basis)	\$90.00
For less than 8 hours, per hour (18 week basis)	10.00
Cooperative Engineering students (alternating by 9 week periods)	60.00
Summer Session and Evening Session	Free

MAINTENANCE FEE

Payable by students in the Day Session (18 week basis):	
For 1 or 2 credit hours	\$12.00
For 3, 4, or 5 credit hours, per credit hour	6.00
For 6 credit hours or more	35.00
Cooperative Engineering students (alternating by 9 week periods)	25.00
Payable by resident students in the Evening Session:	
For 1 to 5 credit hours inclusive, per credit hour	6.00
For 6 credit hours or more	35.00
Payable by non-resident students in the Evening Session:	
For any number of credit hours, per credit hour	6.00
Payable by all students in the Evening Session:	
Registration Fee, per semester	1.00
Payable by all students in the Summer Session:	
For any number of credit hours, per credit hour	6.00

An advance deposit of \$5.00 is required of all freshmen when applying for admission for the fall semester. This sum is credited on the maintenance fee at entrance and is not subject to refund if the student takes part in Freshman Week.

GRADUATION FEE

(Payable at time of application for degree)

Bachelor's degree	\$ 5.00
Master's degree	10.00

STUDENT ACTIVITY FEE

Payable by all undergraduate students in the Day Session taking eight credit hours or more:	
First semester (including athletic and dramatic ticket)	\$ 7.00
Second semester students enrolled first semester	3.00
Second semester, new entrants (including athletic and dramatic ticket)	5.00
Payable by all Evening Session students, per semester .....	.50
Payable by all students in the Summer Session	1.00

MUSIC

Two private half-hour lessons per week, each semester, in Piano, Voice, Violin, Organ or Band Instruments	\$60.00
One private half-hour lesson per week, each semester, in Piano, Voice, Violin, Organ or Band Instruments	30.00
Organ rental by special arrangement.	

LATE REGISTRATION FEE

A fee of \$5.00 will be charged day students and \$1.00 for evening students, who have not completed registration, classification and payment of fees before the class work begins in the college in which they are registered.

The dates on which this fee will first be payable each semester, 1937-38, are as follows:

FIRST SEMESTER, 1937

Monday, September 13All Departments of the Day Session
Monday, September 20The Evening Session

SECOND SEMESTER, 1938

Monday, February 7All Departments of the Day Session
Monday, February 7The Evening Session

SUMMER SESSION, 1938

Tuesday, June 21

MISCELLANEOUS FEES

One free transcript of record is furnished a student. A fee of \$1.00 is charged for each additional copy.

After a student has been classified, a charge of \$1.00 is made for any change in his program which is not made at the instance of the University authorities.

A library fee of \$1.50 per semester is charged all students in the University taking eight hours or more of work in a semester.

A fee of \$2.00 is charged for each two-year or three-year certificate.

A fee of \$5.00 is charged for each examination in college work not taken in course.

All students graduating from the University are required to pay a graduation fee, payable at time of application for degree.

All graduate students presenting a thesis for a Master's degree are required to pay a thesis fee of \$10.00 and the cost of the thesis binding, which varies from \$1.40 to \$1.75.

Persons are permitted to audit classroom work. Auditors do not participate in class discussions or examinations, and do not receive credit. The fee is the same as for regular enrolment.

REFUNDS

Tuition and fees are not returnable except when withdrawal is caused by serious illness or causes entirely beyond the control of the student. Application for refund must be made before the end of the semester for which the fees have been paid.

No refund will be made on any of the following fees:

1. Advance deposit.
2. Change of course.
3. Late registration.
4. Special examination.
5. In case of students dropped for academic failure or discipline.

To be entitled to a refund in any case the student withdrawing must present to the Treasurer of the University in writing a "Withdrawal Request" setting forth the particulars as they apply to his case. Permission to withdraw does not imply that a refund will be made.

1. A statement from the dean of his college that the student is in good standing, is entitled to an honorable dismissal, and is withdrawing with the dean's permission, from the college or courses designated.
2. A statement from the military department, if he is a student in R. O. T. C., that his uniform account is clear.
3. If dropping a laboratory subject, he shall return his deposit card certified by the proper person, showing the amount of the refund due him.
4. If dropping an Evening Session or Summer Session subject, he shall present a statement from the Director stating that he is permitted to withdraw from the subject.

When above conditions have been complied with, the request will be ruled upon and refund, if due, will be made in accordance with the following plan:

Evening Session Fees: In full for courses advertised that may not actually be given due to insufficient enrolment.

Student Activity Fee: Upon return of the student athletic ticket, refund will be made on the same basis as other regular fees.

Other Regular Fees: The amount actually paid will be refunded less the proportion to be retained by the University as follows:

FIRST AND SECOND SEMESTERS

TIME OF WITHDRAWAL	AMOUNT RETAINED BY THE UNIVERSITY
After registration and before entering classes	\$1.00 of evening fees or \$5.00 of day school fees
During 1st week	\$5.00
During 2nd week	20% of semester charge
During 3rd and 4th weeks	40% of semester charge
During 5th and 6th weeks	60% of semester charge
During 7th and 8th weeks	80% of semester charge
After 8th week	Full amount of semester charge

SUMMER SESSION

Before entering classes	\$1.00
During 1st week	20% of term charge
During 2nd week	40% of term charge
During 3rd week	60% of term charge
During 4th week	80% of term charge
After 4th week	Full amount of term charge

Time of withdrawal is taken as the date certified by the dean or director.

LABORATORY FEES

	Per Semester
Biology 41, 42 (Geology)	\$ 2.50
Biology 51, 52 (Botany) 61, 62 (Zoology) 113, 114 (Field Botany)	4.00
Biology 135, 136, 235, 236 (Physiology)	4.00
Biology 144 (Entomology) 218 (Plant Anatomy and Histology)	4.00
Biology 107, 108 (Bacteriology)	7.50
*Biology 107, 108 (Bacteriology deposit for breakage)	5.00
Biology 146, 148 (Genetics)	1.00
Biology 155 (Vertebrate Anatomy)	10.00
Biology 215, 216 (Plant Physiology)	6.00
Biology 256 (Embryology)	7.50
Biology 267, 268 (Biological Problems) per credit hour	2.00
Chemistry 7, 8, 21, 22, 43, 44, 55, 56, 105, 106, 107, 209, 210	10.00
Chemistry 23, 24	5.00
Chemistry 131, 132 (Engineering)	5.00
Chemistry 133, 134 (Metallurgy)	7.50
Chemistry 207, 208, 213, 214, 303, 304	8.00
Chemistry 215, 216	15.00
Chemistry 315, 316 (per credit hour)	5.00
*Chemistry deposit for breakage	5.00
Concrete Laboratory, C. E. 112	1.00
Dictation 143, 144, 165, 166, 186	1.00
Elec. Laboratory E. E. 125, 126, 127, 128, 136, 143, 144	2.00
Elec. Laboratory E. E. 133, 138	3.00
Elec. Laboratory 141	4.00
*Engineering deposit for breakage	5.00
Figure Drawing 175, 176	1.25
Foods 45, 46	4.50
Foods 115, 116	4.00
Industrial Electricity 21, 22, 43, 44	2.00
Mechanical Laboratory M. E. 182, 183	2.00
Mental Tests 315	1.00
Nutrition 120	2.00
Physics 43, 44, 51, 52, 53, 145, 203, 204, 206, 214	2.00
Physics 21, 22, 209, 210	4.00
Plane Table Surveying	1.00
Play Materials 126	1.00
Play Production 161, 162	2.00
Principles of Radio 53, 54	1.50
Radio Communication E. E. 137	3.00
Radio Speaking 181	1.00
Research Problems 426, 436 (College of Education per credit hour)	5.00
**R. O. T. C., Basic Deposit	5.00
**R. O. T. C., Advanced Course	10.00
Route Surveying C. E. 108	2.00
Secretarial Training 73, 74	1.00
Shop Practice 49, 50	2.00
Special E. E. Problems E. E. 142	4.00
Special M. E. Problems M. E. 194	2.00
Strength of Materials C. E. 107	2.00
Surveying C. E. 21, 22, 101	2.00
Swimming 60, 114 (Men)	2.50
Swimming 60, 114 (Women)	5.00
Tests and Measurements 105, 312	2.00
Textiles 107, 108	2.00
Typewriting 31, 51, 83, 84, 85	1.00

*The unused portion of the breakage deposit will be returned to the student.

**This deposit is returnable at the end of the semester less charges for lost or damaged articles.

PRIZES, FELLOWSHIPS, SCHOLARSHIPS, HONORS, AND SPECIAL FUNDS

THE ASHTON PRIZES

A fund consisting of \$3000 was established in 1887 by Oliver C. Ashton of Bryan, Ohio, endowing the O. C. Ashton Prizes for excellence in reading and recitation. The annual income of this fund is paid, one-third to competitors of the senior class, one-third to competitors of the junior class, and one-third to competitors of the sophomore class, in a first and second prize to each class, in proportion of two to one. The direction of these contests is in the hands of a Faculty committee.

THE SENIOR ALUMNI PRIZE

A fund has been established by the Alumni Association for the purpose of awarding an annual cash prize of \$50 to that senior student who has completed the regular undergraduate curriculum with the highest average grade for the work taken, having carried an average load of 12 credit hours per semester.

THE DR. E. B. FOLTZ PRE-MEDICAL PRIZE

The Dr. E. B. Foltz Pre-Medical Prize of \$100 is awarded each year to that member of the graduating class who makes the highest average grade in all work taken in the four-year Pre-Medical Course and who plans to enter medical college the following year. The name of the winner is announced at Commencement but the actual award is not made until the winner has enrolled in medical college.

KAPPA DELTA PI PRIZES

Alpha Theta Chapter of Kappa Delta Pi has established two prizes of \$25 each in College of Education, one for freshmen and one for sophomores. To be eligible for the freshman award the student must have completed 32 semester hours of work, including required subjects for College of Education freshmen, and with no failing grades. The student must have entered the College of Education within three years after being graduated from high school. For the sophomore award, the student must have completed 64 semester hours of work, including required freshman and sophomore work, and with no failing grades. The student must also have entered the sophomore class within one year after completing the freshman year.

FELLOWSHIPS AND SCHOLARSHIPS

Fellowships in the Department of Chemistry are offered by the Firestone Tire and Rubber Company and the Goodyear Tire and Rubber Company for the study of the chemistry and the technology of rubber. These fellowships are open to graduates of standard American colleges and universities and are of the value of \$1000 per year, with remission of all University fees.

THE OHIO STATE UNIVERSITY GRADUATE SCHOLARSHIP

In the spring of 1935 a number of graduate scholarships were established by the Ohio State University, one to be assigned to each of the Ohio Colleges fully accredited by the North Central Association of Colleges and Secondary Schools. The scholarship entitles the student to the exemption of tuition and fees of all kinds except a matriculation fee. Selection is left to the individual colleges.

FRANK PIXLEY MEMORIAL FUND

The Frank Pixley Memorial Fund was established in 1931 by the will of Isabel McRoy Pixley, wife of Frank Pixley, class of 1887. The fund amounts to \$50,000, the income from which is used for the establishment of scholarships in drama, music and literature. The value of the scholarships varies annually to some degree, based upon the income available from the fund.

THE PIXLEY SCHOLARSHIPS

In accordance with the terms of the Pixley bequest, there are each semester awards for students of outstanding ability and promise in the fields of dramatics, literature, and music. To be eligible for one of these awards the student must be enrolled in the upper college or qualified to enter the upper college and must be a major in the department in which the scholarship is awarded or, if a divisional major, in the humanities division. The awarding of these scholarships is made by a committee of which the Registrar is the chairman. To be eligible for a Pixley scholarship in music a student must have a quality point ratio of at least 1.5 in all work taken; for scholarships in dramatics or literature a ratio of at least 2. is expected. Applicants for these scholarships should bring their applications to the attention of the chairman of the committee before June 1 for the first semester of the following academic year and before February 1 for the second semester. Re-entering or transfer students must apply on or before September 1 for consideration.

THE RUTH DUGAN AERONAUTIC SCHOLARSHIP

One of the accomplishments credited to the Women's Chapter of the National Aeronautic Association is the Ruth Dugan Aeronautic Scholarship of \$100 a year to be awarded to that student who shall be accepted by the scholarship committee of the Akron Women's Chapter upon his recommendation by the co-operating advisory committee of the University of Akron. Part of the work included in the course of study will be given at the University of Akron, and the necessary research will be carried on at the Daniel Guggenheim Airship Institute. The scholarship fund became available for the year 1936-37.

PHI SIGMA ALPHA

Phi Sigma Alpha is an honorary fraternity founded in 1910 to encourage high scholarship among the students of the Liberal Arts College. The requirements are as follows:

1. Only such courses as are taken in the Liberal Arts College or such courses as are regularly accredited in that college may be counted for standing in the fraternity.
2. A minimum of 112 hours for three and one-half years for those completing the regular four-year course, or of 80 hours for two and one-half years for students who have spent one year at another institution, are required.
3. Only scholarship hours are counted—not hours made for good attendance.
4. All seniors who have maintained an average grade of not less than 90% during their three and one-half years are eligible for membership, provided that at least two and one-half years have been taken in Buchtel College of Liberal Arts.
5. Juniors who have completed two and one-half years of work in Buchtel College of Liberal Arts with the average grade not less than 92% shall be eligible for membership.
6. Those seniors who may have entered the institution at mid-year as freshmen and who have remained three years in Buchtel College are also eligible, the required number of scholarship hours being 96.
7. Average scholarship is reckoned as a whole, not specialization.

BETA DELTA PSI

Beta Delta Psi is a commercial honorary fraternity founded in 1918 as Theta Phi and reorganized in 1925. Its purpose is to encourage high scholarship in commerce courses. Students who have an average of 85% or better in all subjects and at least 80 hours of credit are chosen in the second semester of the junior year.

PHI CHAPTER OF SIGMA TAU

Sigma Tau is a national honorary engineering fraternity. Phi Chapter was established at the University of Akron in December, 1924, the charter being granted to the local honorary fraternity O. H. M. which was founded in 1919. Sigma Tau elects its men on the basis of scholarship, sociability, and practicality. Any senior

or junior engineer is eligible whose scholastic average for all his previous college work ranks him in the upper third of the combined junior and senior students.

SIGMA PI EPSILON

Sigma Pi Epsilon is an honorary fraternity, founded for the purpose of promoting scholarship, citizenship and artisanship among the students of the College of Education. Candidates must earn an average grade of 89% during the three and a half years in that College, and their rank must place them in the upper 15 per cent. of the graduating class. Three semesters' work must be in the College of Education. The citizenship record is determined by a vote of the faculty of the College of Education, and the artisanship record by the student's practice teaching.

TAU KAPPA PHI

Delta Sigma Phi, honorary fraternity in Home Economics, active from 1921 until 1926, was reorganized in 1933 as Tau Kappa Phi. Students of junior rank in Home Economics who have been outstanding in scholarship, leadership, character, and personality are eligible to membership. An average of 85% during the first two years of college work is required; also completion of a problem along some line of Home Economics by the end of the first four weeks of the junior year, approved by the active members and the faculty advisers. Seniors who attain an average of 83% in their work may become members under the same requirements.

HARRIET PHILLIPS FUND

The Harriet Phillips Fund was created in 1930 by a bequest of \$18,000. The income from this fund is used for the care and maintenance of gifts of paintings, etchings, and other art treasures, together with an Art Library, which was given by Miss Phillips to the University in memory of her family. The building housing the Phillips Art Memorial Collection is known as Phillips Hall, named in honor of the donor and her generous gift to the University.

LOAN FUNDS

Applications for loans at the beginning of the fall semester must be made at the office of the Dean of Men or the Dean of Women at the time of registration.

THE KATHERINE CLAYPOLE LOAN FUND

This fund was established by a number of women's organizations of the city and dedicated as a memorial to Mrs. Katherine Claypole, wife of Dr. E. W. Claypole, former Professor of Natural Science at Buchtel College. The principal of the fund is lent to students "who in mid-semester, as often happens, find themselves without sufficient means to complete the year's work."

THE AKRON COLLEGE CLUB FUND

The Akron College Club maintains a loan fund known as the Elizabeth A. Thompson Scholarship Fund. Loans are made to deserving women students of the University.

EVENING SESSION LOAN FUND

By voluntary contributions each semester since February, 1933, the Evening students have accumulated this fund to aid Evening Session students. Loans are made for short periods to students who have attended this division of the University for at least one year.

MABEL JANE ROGERS MEMORIAL FUND

The Mabel Jane Rogers Memorial Fund, amounting to \$100, was given by the alumnae of the Flora Stone Mather College, Western Reserve University, Cleveland, Ohio, in memory of Miss Mabel Jane Rogers who was instructor in Spanish at the University of Akron for eight years. It is used for short emergency loans to women students.

THE THOMAS-LITCHFIELD LOAN FUND

This fund was established by two directors of the University, Mr. John W. Thomas and Mr. P. W. Litchfield, in 1932. From it money to pay fees is lent for short periods to juniors or seniors who are residents of Akron.

THE HARRIET HALE FUND

The money in this fund was given to the University by the trustee of the Harriet Hale estate to be used in the furtherance of education in music. Loans are made to students in the music department for the payment of fees.

GENERAL OBJECTIVES OF THE UNIVERSITY OF AKRON

The University of Akron is a municipal university supported in large measure by city taxes. It, therefore, aims to devote its efforts to the work of higher education especially for the people of Akron.

The University of Akron has as its aims :

To give students a survey of the chief fields of knowledge and thus acquaint them with the world of nature and human life; to develop their ability to make sound judgments and to profit from experience; to arouse their intellectual curiosity and stimulate their scholarly growth; to aid them to develop their physical well-being; to help them to appreciate beauty in all its forms and thus to furnish them with resources for enjoying their leisure hours.

To develop and strengthen in students a sense of social responsibility so that they have a proper regard for the rights of others; to prepare them for a sane and loyal family life and an active and intelligent citizenship.

To prepare students for greater social and individual effectiveness in public service, commerce and industry, and the professions; for the professions of teaching and engineering; for entering the professional schools of law, medicine, and dentistry, and for advanced study in other fields; for careers in art, music, home economics, and secretarial science.

In the attainment of these objectives, the University of Akron proposes to utilize its available resources to the utmost. Students who are admitted will be expected to have a satisfactory degree of intellectual maturity, and adequate scholastic preparation along with the necessary aptitudes and interests. It is also expected that their educational objectives will harmonize with those of the University.

The University has further aims :

To provide expert advice for various civic and educational agencies; to furnish a scientific testing service for commerce and industry; to offer educational programs for the dissemination of culture and knowledge.

THE ORGANIZATION OF THE UNIVERSITY

I. THE GENERAL COLLEGE

The purpose of the General College is two-fold: (a) to furnish a general cultural education for (1) students who plan to enter an Upper College and secure an academic degree, and (2) students who desire approximately two years of general education, but who do not desire or are unable to enter an Upper College; (b) to furnish pre-professional courses and terminal courses of an occupational nature for students who do not desire or are unable to enter an Upper College.

II. THE UPPER COLLEGES

After completion of the work in the General College, the student may begin work in his field of concentration in the Upper College.

BUCHTEL COLLEGE OF LIBERAL ARTS

The departments of the Liberal Arts College are grouped in three divisions as follows:

<i>Humanities</i>	<i>Social Sciences</i>	<i>Natural Sciences</i>
Art	Commerce	Biology
Languages	Economics	Chemistry
Literature	History	Mathematics
Music	Home Economics	Physics
Philosophy	Political Science	
Speech	Secretarial Science	
	Sociology	

THE COLLEGE OF ENGINEERING

The departments of the College of Engineering are:

Civil Engineering	Industrial Engineering
Electrical Engineering	Mechanical Engineering

THE COLLEGE OF EDUCATION

There are no divisions in the College of Education but preparatory courses are offered in a variety of fields of teaching:

Art	Home Economics	Physical Education
Commerce	Kindergarten	Psychology
Elementary	Music	Vocational Education
High School	Primary	

GRADUATE STUDY

In certain colleges and departments—especially in the College of Education—opportunity is offered properly qualified persons to study for the Master's degree. In some of the departments graduate courses given in connection with the work in Adult Education have been ar-

ranged on a rotating plan to enable candidates to meet the requirements for a major or a minor.

For details as to the colleges and departments which offer courses of graduate rank see the catalog material under the various colleges and departments.

ADMISSION

Admission to a particular Division of the Upper Colleges shall be determined by the administration of the General College, the administration of the Division, and the administration of the Upper College concerned.

DEGREES

For completion of his work in the Upper College a student is expected to have taken at least fifty per cent.—and it is desirable that he take not more than seventy-five per cent.—of his total work (outside the 36 to 42 hours of required work in general education) in the major division.

A statement of degrees conferred upon completion of courses of study is given under the descriptive matter of each college. To receive a second degree in course from the University of Akron, the student must complete all requirements for the degree with a minimum of 32 semester hours of work not counted for the first degree.

COMBINATION COURSES

To students wishing to enter the profession of law, the College of Liberal Arts offers the opportunity of a combination Arts-Law course with the Law School of Western Reserve University, and also holds itself ready to consider, in individual cases, similar combination courses with other high-grade professional schools which require at least three years of liberal arts work for entrance.

DIVISION OF ADULT EDUCATION

The Division of Adult Education is an integral part of the University organization. The Division serves three distinct groups of people:

THE EVENING SESSION

All colleges of the University offer courses in the evening. Credit is given toward a degree for regularly prescribed subjects. Full-time or part-time schedules are possible for new and former students in degree, diploma, and certificate courses. Candidates for a degree must satisfy the entrance requirements of the University.

THE SUMMER SESSION

A Summer Session of six weeks furnishes instruction to teachers and other persons who seek opportunities for training. Courses are offered to meet the needs of students in all colleges of the University.

INSTITUTES

Non-credit courses to meet the needs of many persons who already have a degree or desire practical training for a particular vocation or avocation are offered on a short term basis.

GENERAL REGULATIONS

THE SEMESTER HOUR—The unit of instruction is one hour per week for one semester. Three hours of laboratory work (including time for writing reports) shall be considered as equivalent to one recitation hour with preparation therefor. This unit is known as a "semester hour."

GRADING SYSTEM

93-100 inclusive	Excellent	A
85-92 inclusive	Good	B
77-84 inclusive	Fair	C
Below 70	Poor	D
70-76 inclusive	{ Conditioned	E
	{ Failed	F
Incomplete		I

The grade "*Conditioned*" may be given only for the first semester's work in a subject continuing through two or more semesters, such as first-year chemistry or first-year foreign language.

"*Conditioned*" means that although the semester's work is not of passing grade the deficiency may be made up without repeating the course in class. Failure to remove the deficiency satisfactorily by the close of the student's next semester in the University converts the grade to F. No higher grade than "D" is given for the removal of a "Condition."

"*Incomplete*" means that the student has done passing work in the course, but some part, for good reason, has not been completed.

Failure to make up the omitted work satisfactorily within the first nine weeks of the next semester in the University converts the grade to F.

QUALITY REQUIREMENT

For graduation from the University, the student must present 128 semester hours with a quality point ratio of 1 for all work taken. Quality points are given as follows:

- For each credit hour of A, 3 quality points.
- For each credit hour of B, 2 quality points.
- For each credit hour of C, 1 quality point.
- For each credit hour of D, 0 quality points.
- For each credit hour of F, -1 quality point.
- For each credit hour of F (second failure in same subject), -2 quality points.
- For each credit hour of F (third failure in same subject), -3 quality points.

No student is eligible for a degree unless he has the same ratio of quality points in his major subject as is required for graduation.

PROBATION AND FAILURE

In the General College a student who fails at any time to maintain a quality point ratio of 1 may be subject to change of courses, suspension, or some other form of academic discipline, by the Dean of Men for the men, and the Dean of Women for the women.

In an Upper College a student whose scholarship is unsatisfactory may be placed on probation, suspended for a definite period of time, or dropped from the University at any time by the Dean of the College in which the student is enrolled.

The readmission of students dropped under these rules shall be at the discretion of the Dean of the College from which the student was dropped, and the Dean of the College he desires to enter.

The load for every probationary student is determined by the Dean.

Students who have been dropped from the University for academic failure are eligible to register for non-credit courses in the Evening and Summer Sessions. Courses for college credit may be taken only with permission of the Dean of the college from which the student was dropped. No credit is granted for any work taken in the Evening or Summer Sessions in violation of this procedure.

CHANGES IN STUDENT'S PROGRAM

No Upper College student is allowed to drop a study after the opening of a semester, or in any way change his selection of studies for any semester, without permission of the Dean of the College in which he is registered. Students in the General College will secure the permission of their classifying officer, the Dean of Men or the Dean of Women.

Students who withdraw from a course *with the permission of the Dean* are given a grade for work at the time of withdrawal. This grade is used for statistical purposes.

If a student leaves a course *without the permission of the Dean*, or is dropped by the Dean for excessive absence, he is given a failing grade and negative quality points.

If a student is dropped or withdraws from a course with a failing grade at the mid-semester grade period, or at any time thereafter, he is given negative quality points.

No student is allowed to enter a course after the first week of the semester.

First-year students, whether regular or irregular, are not permitted to elect work above the freshman year except by special permission.

WITHDRAWAL

A student desiring to withdraw from the University is requested to notify the Dean of the college in which he is enrolled.

STUDENT LOAD

Sixteen hours a week are counted as full work for a student. No student is allowed to take more than 17 hours a week without the consent of the Dean of the college in which he is enrolled.

ABSENCE AND TARDINESS

Students are expected to be present at all meetings of classes for which they are registered, and may be dropped by the Dean from a course at any time for absence on recommendation of the instructor.

In case of prolonged absence, students may be reinstated in classes only by the Dean on recommendation of the instructor, and are required to make up the omitted work at the discretion of the instructor.

PROMOTION TO AN UPPER COLLEGE

For promotion to an Upper College the student must make a quality point ratio of 1 for the work taken in the General College and must complete at least 64 hours of work including all the required general courses. At the discretion of the Division a point ratio higher than this may be required. (It is understood that an exception is made in the operation of this ruling in the Engineering College where the curriculum permits certain courses in the General College to be taken in the third year.)

Admission to a particular Division of the Upper Colleges shall be determined by the administration of the General College, the administration of the Division, and the administration of the Upper College.

At the discretion of the Division, an examination over the courses preparatory to the work of that Division may be required.

GENERAL FINAL EXAMINATIONS

A general final examination covering the major field of study is required in many of the departments of instruction. In divisions and departments of the University which give a general final examination, the passing of that examination is a requirement for graduation.

The administration of these examinations is in the hands of a committee consisting of the Registrar as chairman, and one member from each college faculty appointed by the deans of the respective faculties.

In the College of Education the four-fold qualifying examinations at the close of the junior year are regarded as the general final examination.

SYSTEM OF NUMBERING

1-99. Courses given in the General College. (Numbers 1-19 are reserved for required courses in General Education.)

100-199. Courses of Upper College rank.

200-299. Undergraduate courses for which graduate credit may be obtained for a greater amount and a higher quality of work than that required of undergraduates.

300-399. Graduate courses to which a few undergraduates who have shown unusual ability may be admitted.

400-499. Graduate courses for which the prerequisite is a bachelor's degree.

THE GENERAL COLLEGE

Students are admitted by high school certificate, or honorable dismissal from other colleges or universities, or if over 21 years of age, as special students not in candidacy for a degree.

ENTRANCE REQUIREMENTS

1. Graduation from an accredited four-year high school or from an accredited senior high school.

2. The admission of any student will depend upon the evidences of his preparation and ability to do college work in a satisfactory manner. Among the most important of such evidences are: (1) The quality of work done in high school, (2) The standing in the psychological examination of Freshman Week, and (3) The standing in the high school achievement examinations of Freshman Week.

Any applicant whose average is below 80% (on a 70% passing basis) in his high school work and who makes a poor showing in the examinations of Freshman Week will not be admitted.

Any student taking Freshman English or Algebra who proves to be inadequately prepared, will be required to attend class two extra periods each week, without added credit, in order to review fundamentals.

Such college courses as Latin and mathematics cannot be taken until the prerequisites are met.

For admission to the engineering course at least 1½ units of high school algebra and 1 unit of plane geometry are required. It is recommended that each candidate desiring college training in technical and scientific lines include in his preparatory work an adequate high school training in mathematics and science.

SPECIAL STUDENTS

Students who have not fulfilled the entrance requirements, and who are 21 years of age or more, are known as special students. Such students are not admitted in candidacy for a degree, but may be permitted to enter classes for which they are prepared.

IRREGULAR STUDENTS

Students who have fulfilled the entrance requirements, but who are not pursuing a regular course in candidacy for a degree, are known as irregular students.

ADMISSION FROM OTHER COLLEGES

The student who wishes to enter the University of Akron with advanced standing should ask the Registrar of the institution from which he is transferring to send to the University Registrar a transcript of his record and an honorable dismissal.

No student will be received on transfer from another college or university who does not meet the scholastic requirements of the University of Akron, or who is ineligible to re-enter the institution from which he desires to transfer.

REGISTRATION AND CLASSIFICATION

A student who wishes to gain admission by certificate should ask his high school principal to mail a statement of high school record on a blank supplied by the University Registrar upon request. If the certificate is satisfactory, the applicant is notified, and is expected to present himself in person to register between August 16 and September 4. *Entering freshmen are not allowed to register after noon of September 4.* A \$5.00 deposit, required at the time of registration, is applied on semester fees.

FRESHMAN WEEK

To aid the freshman in adjusting himself to university life, the week preceding the opening of the regular session is devoted to a program consisting of a general assembly, test, physical examination, lectures, and payment of fees.

For the first semester 1937-38, all entering freshmen are *required* to report at 8 a. m. on Tuesday, September 7, and attend all sessions, Tuesday to Thursday, inclusive. Sessions of this program will occupy the time from 8 a. m. to 4 p. m. of the days specified.

REGISTRATION DAYS

The registration days for upper classmen (sophomores, juniors and seniors) for 1937-38 are: Day Session in all departments of the University, September 10 and 11, Friday and Saturday, 8:30 a. m. to 4:30 p. m. for the first semester; for the second semester, February 3 and 4.

Evening Session, September 17 and 18, 9:00 a. m. to 9:00 p. m. for the first semester; February 4 and 5, 9:00 a. m. to 9:00 p. m. for the second semester.

After these dates, a late registration fee of \$5.00 will be charged to day students, and a fee of \$1.00 to Evening Session students.

THE CURRICULUM OF THE GENERAL COLLEGE

Courses in the General College have been planned and organized with the utmost care, in scope, content, method of approach, and method of presentation, in order to attain as fully as possible the "General Objectives" of the University.

While there are no separate departmental divisions in the General College, the different divisions of the Upper Colleges, through their various departments, will offer, in addition to certain subjects required for students majoring in the department, other introductory courses, open to all students in the General College, but ordinarily not open to students of the Upper Colleges.

GENERAL EDUCATION

Ordinarily the work in the General College will cover two years; however, opportunity will be offered the abler student to shorten the time by taking examinations for credit. The required courses in general education are:

1. English, Oral and Written6 hours, first year
2. Hygiene and Physical Education6 hours, first year
3. Introduction to the Social Sciences6 hours, first year
4. Introduction to the Natural Sciences6 hours, first or second year
5. Introduction to the Humanities6 hours, first or second year
6. Mathematics, Accounting, or Foreign
Language6 or 8 hours, first or second year
7. Military Science and Tactics (for men)4 hours

(One from 4 and 5, and one from 6 must be taken the first year)

PRE-PROFESSIONAL AND TERMINAL COURSES

In addition to the work offered in general education, the General College offers certain pre-professional courses and terminal courses of an occupational nature for students who do not desire to remain longer at the University or who are unable to do so.

REQUIREMENTS FOR PROMOTION TO THE UPPER COLLEGE
COLLEGE OF LIBERAL ARTS

	DIVISION OF HUMANITIES				DIVISION OF SOCIAL SCIENCE Home Economics						DIVISION OF NATURAL SCIENCE										
	Latin and Greek	Art	English	Music	Philosophy-Psychology	Speech	Modern Language	Commerce	Economics	History	Foods and Nutrition	Textiles and Clothing	General Course	Political Science	Secretarial Science	Sociology	Biology	Chemistry	Mathematics	Physics	Pre-Medical
English (Fresh.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hygiene and Physical Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Int. Social Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Int. Humanities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Int. Natural Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military Science and Tactics	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Foreign Language	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
In Major Field	12	16	6	7	12	6	10	8	6	17	17	17	3	3	6	6	8	17	17	12	8
Psychology																					
Accounting								6													
Business Administration								3													
Selling and Advertising								3													
Economics								6													
Shorthand																					
Typewriting															6						
Zoology																					8
Botany																					8
Chemistry																					8
Mathematics										14								17		17	7

* All majors in the Humanities and Social Science divisions (except Commerce and Secretarial Science) are required for graduation to complete the second year of a foreign language on the college level with the grade of C or higher. Students failing to make a C grade must later pass an examination to show they have a working knowledge of the language.

Each student is required to take during his freshman year one of the following: Accounting, 6 hrs.; Mathematics, 8 hrs.; or Foreign Language, 6 or 8 hours.

** Two years of German required for graduation.

§ See below under special subjects.

† Two years of German or French required for graduation.

‡ Reading knowledge of one modern foreign language.

†† Two years of French required.

REQUIREMENTS FOR PROMOTION TO UPPER COLLEGE WORK

COLLEGE OF EDUCATION

	Kdgn.	Prim.	Elem.	H. & Ph. Ed.	High School	Music	Art	Junior High
English	6	6	6	6	6	6	6	6
Hygiene and Physical Education	6	6	6	6†	6	6	6	6
Int. Social Science	6	6	6	6	6	6	6	6
Int. Humanities	6	6	6	6	6	6	6	6
Int. Science	6	6	6	6	6	6	6	6
Mathematics	5	6	6	6	6	6	6	6
*Accounting	or	or	or	or	or	or	or	or
Foreign Language	8	3	8	8	8	8	8	8
**Military Science and Tactics ...	4	4	4	4	4	4	4	4
General Psychology	3	3	3	3	3	3	3	3
Educational Psychology	3	3	3	3	3	3	3	3
Int. Education	3	3	3	3	3	3	3	3
Literature	6	6	6	6	6	6	6	6
Educational Sociology	3	3						

COLLEGE OF ENGINEERING

Military Science and Tactics	4
Physics	16
Surveying	2
Mathematics	15
English	6
Int. Social Science	6
Hygiene & Physical Education	6
Int. to Humanities	6
Descriptive Geometry	3
Shop Practice	2
Drawing	4
Personnel Problems	1
—	
71	

* In some curricula Accounting may be chosen instead of Mathematics or Foreign Language.

** Required of men.

† Refer to description of Hygiene, Physical and Mental 3-4.

PREREQUISITES FOR THE UPPER COLLEGES

In addition to the required courses in general education, there are definite prerequisite and recommended studies in the General College for the various majors or fields of concentration in the Upper Colleges. Students should note the prerequisites carefully, as given below, and plan to take them during their first two years:

BUCHTEL COLLEGE OF LIBERAL ARTS

THE HUMANITIES DIVISION

ART: Required: Appreciation of Art 29, Structural Art 21, Design 22, Design 43, Drawing and Rendering 45-56, Modeling 59-60. Recommended: Psychology 41-42, Sociology 41, Shakspere 41.

ENGLISH: Required: English 43, Shakspere 41. Recommended: Philosophy 55-56, Typewriting 31, Social Science, especially Sociology 41-42.

LATIN AND GREEK: Required: Courses in Latin, both years. Recommended: Shakspere 41, Psychology 41-42.

***MODERN LANGUAGES:** Required: Modern foreign language, both years.

MUSIC: Required: General Theory 21, Appreciation of Music 22, Elementary Harmony 43-44. Recommended: Philosophy 55-56, Psychology 41-42, Shakspere 41.

PSYCHOLOGY AND PHILOSOPHY: Required: Philosophy 55-56, Psychology 41-42. Recommended: Sociology 41-42, Literature, especially Shakspere 41.

SPEECH: Required: Speech 41, Interpretation 51. Recommended: Political Science, Psychology 41-42, Shakspere 41, Word Study 42, News Writing 51-52, American History 41-42, European History 45-46, Economics 41-42, Sociology 41-42, Structural Art 21.

Since Upper College work in Speech embraces the fields of public speaking (including debate), dramatics, speech correction, interpretation, and radio, the student should elect such a program in General College as will apply most directly to those specific interests in the field of Speech which he proposes to follow in Upper College.

THE SOCIAL SCIENCE DIVISION

ECONOMICS: Required: Economics 41 and 42 or 44. Recommended: Accounting 21-22, Business Administration 61, Psychology 41-42, Mathematics 21-22, Sociology 41-42.

HISTORY: Required: None. Recommended: Social Science.

HOME ECONOMICS: Required: Textiles 21, Clothing 22, General Foods 45-46, Home Economics Survey 53; Chemistry 23-24 (Foods and Nutrition majors); French 43-44 (Textiles and Clothing majors); Foreign language, both years (General Home Economics majors and Foods and Nutrition majors); Consumer Economics 82.

* Two years of German are required for graduation from the Upper College in the case of Chemistry, Physics, Biology, and Pre-Medic majors, and two years of either French or German in the case of Mathematics majors.

In the Humanities and Social Science Divisions (except Commerce and Secretarial Science), the requirement is two years of a foreign language on the college level, ordinarily taken in the General College.

In all these cases students who fail to make a grade of C in the second-year of the language must later take an examination to show that they have a working knowledge of the language.

POLITICAL SCIENCE: Required, one of the following: American National Government 41, American State and Local Government 42, Comparative Government 43 or American Diplomacy 44. Recommended: Social Science.

SOCIOLOGY: Required: Sociology 41-42. Recommended: Psychology 41-42, Speech 41, English, Home Management Survey 53-54 (for women intending to enter social service).

COMMERCE: Required: Accounting 21-22, Business Administration 61, Selling and Advertising 81, Economics 41-42. Recommended: Analytical Accounting 43; Economic Geography 54; Typewriting 31; Sociology 41-42; Psychology 41, 62; Philosophy 55-56.

SECRETARIAL SCIENCE: Required: Shorthand Theory 41-42, Typewriting 51-52. Recommended: Accounting 21-22 or 41-42, Business Law 51, Business Administration 61, Economics 41-42, Secretarial Theory 21, Office Methods 26.

NATURAL SCIENCE DIVISION

BIOLOGY: Required: Zoology 61-62, Botany 51-52, Inorganic Chemistry 21-22.

PRE-MEDICAL: Required: Zoology 61-62, Inorganic Chemistry 21-22, Psychology 41, Algebra 21, Trigonometry 22, Qualitative Analysis 43, Introductory Organic Chemistry 44.

CHEMISTRY: Required: Inorganic Chemistry 21-22, Qualitative Analysis 43, Introductory Organic Chemistry 44, Algebra 21, Trigonometry 22, Analytics 43-44, Calculus 45-46.

PHYSICS: Required: Physics 21-22, Physics 43-44, Algebra 21, Trigonometry 22, Analytics 43-44, Calculus 45-46. But see page 42.

MATHEMATICS: Required: Algebra 21, Trigonometry 22, Analytics 43-44, Calculus 45-46.

THE COLLEGE OF ENGINEERING

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Science and Tactics	1	Military Science and Tactics	1
Hygiene and Physical Ed. 3	3	Hygiene and Physical Ed. 4	3
Physics 21 (Mechanics)	4	Physics 22 (Mechanics)	4
Mathematics 31 (Trigonometry) ...	3	Mathematics 32 (Algebra)	4
English Composition 21	3	English Composition 22	3
Drawing 21	2	Drawing 22	2
Surveying 21	1	Surveying 22	1

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Science and Tactics	1	Military Science and Tactics	1
Introduction to Social Sciences 5 ...	3	Introduction to Social Sciences 6 ...	3
Mathematics 55 (Calculus)	3	Mathematics 56 (Calculus)	3
Math. 33 (Analytic Geometry)	2	Descriptive Geometry 44	3
Physics 43 (Electricity and Heat) ..	4	Physics 44 (Elec. Light and Sound).	4
Shop Practice 49	1	Shop Practice 50	1
or		or	
Plane Table Surveying 41	1	Plane Table Surveying 42	1
Personnel Problems 21	1	Introduction to Humanities 8	3
Introduction to Humanities 7	3		

THE UNIVERSITY OF AKRON
THE COLLEGE OF EDUCATION

FRESHMAN YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Hygiene and Physical Ed. 3	3	Hygiene and Physical Ed. 4	3
Social Science	3	Social Science	3
Foreign Language, Mathematics, or Accounting	3 or 4	Foreign Language, Mathematics, or Accounting	3 or 4
Elective	3	Elective	3
	15 or 16		15 or 16

SOPHOMORE YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Introduction to Humanities	3	Introduction to Humanities	3
Introduction to Science	3	Introduction to Science	3
Literature 25	3	Literature 26	3
General Psychology	3	Educational Psychology	3
Introduction to Education	3	Elective	4
Elective	1		16
	16		16

COURSES OFFERED IN THE GENERAL COLLEGE

BUCHTEL COLLEGE OF LIBERAL ARTS

HUMANITIES DIVISION

<p>LATIN AND GREEK</p> <p>*Latin 21-22</p>	6	<p>MODERN LANGUAGES</p> <p>*French 21-22</p>	8
*Latin 43-44	6	*French 43-44	6
Greek 21-22	8	*German 21-22	8
		*German 43-44	6
		*Spanish 21-22	8
		*Spanish 43-44	6
<p>ART</p> <p>*Structural Art 21</p>	2	<p>MUSIC</p> <p>*General Theory 21</p>	1
*Design 22	2	*Appreciation of Music 22	2
*Design 43	2	*Elementary Harmony 43-44 ...	4
*Drawing and Rendering 45-46 ..	4	Glee Club, Orchestra, Voice, Instruments	
*Modeling 59-60	4		
*Appreciation of Art 29	2		
		<p>PHILOSOPHY</p> <p>*Introduction to Philosophy 55..</p>	3
		*The Field of Philosophy 56	3
<p>ENGLISH</p> <p>*English 1</p>	3	<p>SPEECH</p> <p>*Speech 41</p>	3
*English 2	3	Speech 42	3
*English 43	3	*Interpretation 51	3
§Shakespeare 41	3	Acting 63-64	6
American Literature 47-48	6	Debate 45-46	4
Contemporary Fiction 49	3		
Contemporary Drama 50	3		
Literature 45-46	6		
News Writing 51-52	6		
Word Study 42	3		

SOCIAL SCIENCE DIVISION		SECRETARIAL SCIENCE		Cr. Hrs.
***ECONOMICS	Cr. Hrs.	*Shorthand Theory 41-42	.....	6
Production, Prices and Income		**Shorthand 63-64	.....	6
41	3	*Typewriting 51-52	.....	4
Current Economic Problems	3	§Secretarial Training 73-74	.....	3
Development of Economic In-		§Secretarial Theory 21	.....	3
stitutions 44	3	§Office Methods 26	.....	3
		§Typewriting 31	.....	2
HISTORY		NATURAL SCIENCE DIVISION		
American History 41-42	6	BIOLOGY		
European History 45-46	6	*Zoology 61-62	.....	8
§POLITICAL SCIENCE		*Botany 51-52	.....	8
American National Government		Geology 41-42	.....	8
41	3	CHEMISTRY		
American State and Local Gov-		*Chemistry 21-22	.....	8
ernment 42	3	*Qual. Analysis 43	.....	5
Comparative Government 43	3	*Organic Chemistry 44	.....	4
American Diplomacy 44	3	§§Inorganic Chemistry 23-24	.....	6
SOCIOLOGY		§§Organic Chemistry 55	.....	4
*Sociology 41	3	§§Physiological Chemistry 56	.....	4
*Social Attitudes 42	3	MILITARY SCIENCE AND TACTICS		
Social Anthropology 45	3	Military Science and Tactics		
HOME ECONOMICS		11-12	.....	2
*Textiles 21	4	Military Science and Tactics		
*Clothing 22	4	43-44	.....	2
*General Foods 45-46	8	PHYSICS		
*Home Economics Survey 53-54.	6	*Physics 21-22	.....	8
COMMERCE		*Physica 43-44	.....	8
*Accounting 21-22	6	Physics 51-52, 53	.....	12
†Accounting 41-42	6	MATHEMATICS		
Intermediate Accounting 44	3	*Algebra 21	.....	4
*Business Administration 61	3	*Trigonometry 22	.....	3
*Selling and Advertising 81	3	*Analytical Geometry 43-44	.....	4
§Analytical Accounting 43	3	*Calculus 53-54	.....	6
§Economic Geography 54	3	Business Mathematics 58	.....	4
†Business Law 51	3			
Consumer Economics 82	3			

- * Required for majors.
- § Required of majors for graduation, but not for admission to the Upper College.
- † Especially for Secretarial Science students.
- ** Required in two-year course.
- §§ For students not majoring in Chemistry, and especially for Home Economics students specializing in Foods and Nutrition.
- *** Required for majors, 6 credits, including 41.
- ‡ 3 hours required for majors.

THE COLLEGE OF ENGINEERING

(All required in one course or another.)

Personnel Problems 21	1	Engineering Mathematics:	
Surveying 21-22	2	Trigonometry 22 (31)	3
Drawing 21-22	4	Algebra 21 (32)	4
Descriptive Geometry 44	3	Analytical Geometry 33	2
Shop Practice 49-50	2	English Composition 21-22	6
		American Literature 61	2
		English-Adv. Composition 62	3

THE COLLEGE OF EDUCATION

General Psychology 41	3	Principles of Geography 71	3
Educational Psychology 52	3	Geography of N. America 72	3
Applied Psychology 42	3	Geography of S. America 73	2
Business Psychology 62	3	Geography of Europe 74	3
Introd. to Education 55	3	Sight Singing 81-82	4
Educational Sociology 65	3		

GENERAL INTRODUCTORY COURSES

Freshman English 1-2	6	Introd. to Humanities 7-8	6
Hygiene and Phys. Educ. 3-4	6	Introd. to Natural Science 9-10	6
Introd. to Social Science 5-6	6		

SUBJECTS OF INSTRUCTION

I. REQUIRED COURSES IN GENERAL EDUCATION

1-2. ENGLISH, ORAL AND WRITTEN. 3 credits each semester.

Primarily expository writing correlated with the work of the general introductory courses. In the first semester a review of fundamentals in oral and written expression; training in the use of the library, the analysis of written material, the taking of notes, and the preparation of short papers. In the second semester, longer reports and papers.

Students in English 1 who prove to be inadequately prepared will be required to attend class two extra periods each week, without credit, in order to review fundamentals.

3-4. HYGIENE, PHYSICAL AND MENTAL. 3 credits each semester.

This course has three major objectives. The first is to assist the student to master certain knowledges and to develop attitudes, habits, and skills which will be effective in enabling him to live at a high level of physical efficiency. The second is to enable him to explore, analyze, and evaluate his abilities, interests, and needs as a sound basis upon which to make satisfactory adjustments of a personal and social character. The third purpose is to assist the student to improve his ability to do school work. The course is based upon two lectures per week, one discussion group, and two laboratory periods.

Students are required to enroll in one of the following sections each semester in connection with the Hygiene course. Students may be permitted to elect some of these beyond the two required. Students majoring in physical education must take all sections.

MEN

- Section A. Calisthenics (each semester) 1 credit.
- Section B. Tumbling, Stunts, and Apparatus (each semester) 1 credit.
- Section C. Swimming (each semester) 1 credit.
- Section D. Minor Sports—Speedball, Soccer, Volley Ball, Horseshoes, Tennis, etc. (each semester) 1 credit.
- Section E. Remedial Gymnastics (each semester) 1 credit.
- Section F. Athletics—Football, Basketball, Track (each semester) 1 credit.

WOMEN

- Section A. Folk and National Dancing (first semester) 1 credit.
- Section B. Clog and Tap Dancing (second semester) 1 credit.
- Section C. Danish Gymnastics (first semester) 1 credit.
- Section D. Tumbling, Stunts, Apparatus (second semester) 1 credit.
- Section E. Team Sports—Soccer or Hockey, Volley Ball, Basketball, Baseball (each semester) 1 credit.
- Section F. Beginning Swimming (first semester) 1 credit. (For those who cannot swim or those who wish to develop form in their strokes.)
- Section G. Advanced Swimming and Life Saving (second semester) 1 credit. (Permission of instructor.)
- Section H. Games of Low Organization—mass games and simple team games (second semester) 1 credit. (For majors only—men and women.)
- Section I. Individual and Leisure Time Sports—Archery, Badminton, Ping Pong, Paddle Tennis, Deck Tennis, Horseshoes, Tennis, etc. (each semester) 1 credit.
- Section J. Remedial Gymnastics (first semester) 1 credit. (For those who show marked postural defects at the time of the physical examination.)

5-6 INTRODUCTION TO THE SOCIAL SCIENCES. 3 credits each semester.

A study of the institutions of modern civilization from the point of view of change and adjustment. The course starts with a presentation of the thesis of social change by a study of human nature both from the inherited and from the cultural points of view, and the primary factors causing social change. The main institutions of social control are next presented, to give a general picture as to how individual and group actions are regulated. For the rest of the year the course presents important problems of modern civilization from the point of view of change and adjustment.

7-8. INTRODUCTION TO THE HUMANITIES. 3 credits each semester.

This course introduces the student to man's cultural achievements. In order to give a clear interpretation, first a general study is made of the various institutions developed by man, after which—against this institutional background of civilization—the various phases of man's intellectual activity through the course of the ages are considered, especially as expressed in literature, philosophy, religion, art and architecture, and music. The work is divided into certain periods: Ancient Oriental Empires; the Hellenic Age; the Hellenistic Period; the Roman Era; the Medieval Period; the Renaissance; the Reformation; the Expansion of Europe—the early modern period and the recent period.

9-10. INTRODUCTION TO THE NATURAL SCIENCES. 3 credits each semester.

A study of how the development of science has affected the course of human life and made modern civilization a possibility. The course begins with the study of man's placing himself in his universe. Many of the great discoveries in science which have liberated men from the limitations of time and distance as well as from superstitious fear are discussed. Illustrative material is drawn from the astronomical, biological, geological, and physical sciences. The aims of the course are: to encourage the habit of using objective methods of reasoning, and to develop an appreciation of the contributions made by the great scientists; to give the student a greater knowledge of the fundamental principles of science, and some ideas concerning the techniques, skills, and habits of thought which are a part of the scientific world.

II. COURSES OFFERED IN ADDITION TO THE REQUIRED
COURSES IN GENERAL EDUCATION

BUCHTEL COLLEGE OF LIBERAL ARTS

THE HUMANITIES DIVISION

ART

- 21. STRUCTURAL ART. Either semester. 2 credits.
- 22. DESIGN. Second semester. 2 credits. Prerequisite, 21.
- 30. APPRECIATION OF ART. Second semester. 2 credits.
- 43. ADVANCED DESIGN. First semester. 2 credits. Prerequisite, 22.
- 45-46. DRAWING AND RENDERING. 2 credits each semester.
Planned as a foundation for advanced work in Fine Arts. A necessary course for the student in Interior Decoration, Costume Design, and Commercial Art.
- 59. CLAY MODELING. First semester. 2 credits. Prerequisite, 22.
- 60. MODELING. Second semester. 2 credits.
Work in clay, plaster and wood. Prerequisite, 59.

ENGLISH

- 41. SHAKSPERE. First semester. 3 credits.
Required of English majors for graduation. Students planning to major in English should be sure to elect this course in the sophomore year.
- 42. WORD STUDY. Second semester. 2 credits.
- 43. CREATIVE WRITING. Second semester. 3 credits. Prerequisite, 1.
- 45. TYPES OF PROSE. Either semester. 3 credits.
- 46. TYPES OF POETRY. Either semester. 3 credits.
- 47-48. AMERICAN LITERATURE SINCE 1820. 3 credits each semester.
- 49. CONTEMPORARY FICTION. Either semester. 3 credits.
- 50. CONTEMPORARY DRAMA. Either semester. 3 credits.

JOURNALISM

- 51. NEWS WRITING. First semester. 3 credits.
The class meets two periods each week. The third credit hour is given for laboratory work on the student newspaper.
- 52. NEWS WRITING. Second semester. 3 credits.
A continuation of 51, but may be taken either before or after it.
- 55. NEWS WRITING AND EDITING. First semester. 2 credits.

LATIN AND GREEK

At least two units of high school Latin are required in order to enter freshman Latin. Students presenting four units for admission are expected to enroll in Course 43.

Credit toward graduation is not given for less than a full year's work in the first year of any foreign language.

LATIN

21. CAESAR AUGUSTUS: RES GESTAE, AND OVID: METAMORPHOSES. First semester. 3 credits.
22. CICERO: LETTERS, AND TERENCE: ANDRIA. Second semester. 3 credits. Prerequisite, 21.
43. NEPOS: LIVES, AND PLINY: LETTERS. First semester. 3 credits. Prerequisite, 22, or 4 high school credits.
44. PLAUTUS: MOSTELLARIA, AND APULEIUS: GOLDEN ASS. Second semester. 3 credits. Prerequisite, 43.

GREEK

- 21-22. ELEMENTARY GREEK. 4 credits each semester. 1936-37 and alternate years.
 ADVANCED GREEK will be given on sufficient demand.

MODERN LANGUAGES

Credit for college work in Modern Languages is indicated by the following table:

High School Credits	Course Entered in College	Credit Given
1 unit	Second year	Full credit
	First year	First semester, no credit Second semester, full credit
2 units	Second year	Full credit
	First year	No credit
	Third year	Full credit
3 units	Second year	Half credit
	First year	No credit
4 units	Third year	Full credit
	Second year	No credit

Credit toward graduation is not given for less than a full year's work in the first year of any foreign language.

FRENCH

- 21-22. FIRST YEAR FRENCH. 4 credits each semester.
- 43-44. SECOND YEAR FRENCH. 3 credits each semester. Prerequisite, 21-22.

GERMAN

- 21-22. FIRST YEAR GERMAN. 4 credits each semester.
- 43-44. SECOND YEAR GERMAN. 3 credits each semester. Prerequisite, 21-22.

SPANISH

- 21-22. FIRST YEAR SPANISH. 4 credits each semester.
- 43-44. SECOND YEAR SPANISH. 3 credits each semester. Prerequisite, 21-22.

MUSIC

21. **GENERAL THEORY.** Either semester. 1 credit.
A general introductory course required of all students taking applied music or the theory of music.
22. **APPRECIATION OF MUSIC.** Either semester. 2 credits.
- 43-44. **ELEMENTARY HARMONY.** 2 credits each semester. Prerequisite, the ability to play hymns on the piano.

APPLIED MUSIC

Credit for applied music in the College of Liberal Arts is allowed only on the basis of 2 credits in theory for 1 credit in applied music.

General Theory or Sight Singing Required: Students taking private lessons in Applied Music are required to take General Theory 21 concurrently during the first semester of study. Students taking class lessons will receive no credit until General Theory or Sight Singing is taken.

Students in Applied Music may be required from time to time to participate in recitals or appear before a committee selected for the purpose of judging their progress.

PRIVATE LESSONS

Two private half-hour lessons per week, 2 credits each semester, \$60. One private half-hour lesson per week, 1 credit each semester, \$30.
ORGAN. 1 or 2 credits each semester. (Organ rental by special arrangement.)

PIANO. 1 or 2 credits each semester.

VIOLIN. 1 or 2 credits each semester.

VOICE. 1 or 2 credits each semester.

WIND INSTRUMENTS. 1 or 2 credits each semester.

CLASS LESSONS

45. **VOICE CLASS.** Either semester. 2 credits.
46. **ADVANCED VOICE CLASS.** Either semester. 2 credits. Prerequisite, 45.

PHILOSOPHY

55. **INTRODUCTION TO PHILOSOPHY.** First semester. 3 credits.
56. **THE FIELD OF PHILOSOPHY.** Second semester. 3 credits. Prerequisite, 55.

SPEECH

- 41. PUBLIC SPEAKING. Either semester. 3 credits.
- 42. PUBLIC SPEAKING. Either semester. 3 credits. Prerequisite, 41.
- 45-46. ORAL ARGUMENT. 2 credits each semester.
Prerequisite, 41. No credit given toward graduation for less than the full year's work.
- 47. PUBLIC SPEAKING FOR BUSINESS MEN. Either semester.
2 credits.
- 48. ADVANCED PUBLIC SPEAKING FOR BUSINESS MEN. Either semester.
2 credits.
- 51. INTERPRETATION. First semester. 3 credits.
- 63-64. ACTING. 3 credits each semester.
No credit given toward graduation for less than the full year's work.

THE SOCIAL SCIENCE DIVISION

ECONOMICS

- 41. PRODUCTION, PRICES, AND INCOME. 3 credits.
- 42. CURRENT ECONOMIC PROBLEMS. 3 credits.
- 44. DEVELOPMENT OF ECONOMIC INSTITUTIONS. 3 credits.
A study of the origins and development of important institutions in our economic life. Emphasis will be given to those developments which have been of especial significance in the economic evolution of America.

HISTORY

- 41. AMERICAN HISTORY, THROUGH THE CIVIL WAR. First semester.
3 credits.
- 42. AMERICAN HISTORY SINCE THE CIVIL WAR. Second semester.
3 credits.
- 45-46. MODERN EUROPEAN HISTORY. 3 credits each semester.

HOME ECONOMICS

- 21. TEXTILES. First semester. 3 credits.
- 22. CLOTHING. Second semester. 3 credits.
- 45-46. GENERAL FOODS. 3 credits each semester.
Laboratory fee, \$4.50 per semester. Credit not given for less than the full year's work.
- 53. HOME ECONOMICS SURVEY. First semester. 3 credits.
Fee, \$1 per semester.

POLITICAL SCIENCE

- 41. AMERICAN NATIONAL GOVERNMENT. First semester. 3 credits.
- 42. AMERICAN STATE AND LOCAL GOVERNMENT. Second semester. 3 credits.
- 43. COMPARATIVE GOVERNMENT. Second semester. 3 credits.
- 44. AMERICAN DIPLOMACY. First semester. 3 credits.
American foreign relations from the political science viewpoint. Emphasis is on present policies, practices, and problems. Special topics in American relations with Latin America, Canada, and the British Empire as a whole, Near East and Far East are included.

SOCIOLOGY

- 41. INTRODUCTION TO SOCIOLOGY. First semester. 3 credits.
- 42. SOCIAL ATTITUDES. Second semester. 3 credits. Prerequisite, 41.
- 45. SOCIAL ANTHROPOLOGY. First semester. 3 credits.

COMMERCE

- 21-22. ACCOUNTING. 3 credits each semester. No credit is given toward graduation for less than the full year's work.
- 41-42. SECRETARIAL ACCOUNTING. 3 credits each semester.
A course designed especially for Secretarial Science students. However, such students may take either this course or Accounting 21-22.
- 43. ANALYTICAL ACCOUNTING. First semester. 3 credits. Prerequisite, 22.
- 44. INTERMEDIATE ACCOUNTING. Second semester. 3 credits. Prerequisite, Accounting 43.
- 51. BUSINESS LAW. First semester. 3 credits.
Designed especially for students in Secretarial Science. The work covers contracts, agency, and negotiable instruments.
- 54. ECONOMIC GEOGRAPHY. First semester. 3 credits.
- 61. BUSINESS ADMINISTRATION. Either semester. 3 credits.
- 81. SELLING AND ADVERTISING. First semester. 3 credits.
- 82. CONSUMER ECONOMICS. Second semester. 3 credits.
The economic principles of consumption, consumers' choice and its effects, population and consumption; purchasing power and consumption; advertising and selling and consumption, the establishment of consumer standards, standards of living, consumption and business cycles, and the consumer in a planned economy. A brief survey of personal finance and budgets.

SECRETARIAL SCIENCE

21. SECRETARIAL THEORY. First semester. 3 credits.
26. OFFICE METHODS. Either semester. 3 credits.
- 41-42. SHORTHAND THEORY. 3 credits each semester.
- 63-64. ADVANCED SHORTHAND. 3 credits each semester. Prerequisite, 42 or equivalent.
- 51-52. TYPEWRITING. 2 credits each semester. Fee, \$1 per semester.
- 73-74. SECRETARIAL TRAINING. 2 credits each semester. Prerequisite, 52. Fee, \$1 per semester.
31. TYPEWRITING. Either semester. 2 credits.
Open to engineering and commerce students with credit, and to all other students without credit. Fee, \$1 per semester.
23. SECRETARIAL THEORY. First semester. 2 credits.
35. BUSINESS ENGLISH. Either semester. 2 credits.
93. BUSINESS LETTERS. Either semester. 2 credits.
- 83-84. ADVANCED SHORTHAND AND TYPEWRITING. Three credits each semester. Prerequisite, 42 and 52, or equivalent of two years of high school instruction.
85. ADVANCED SHORTHAND AND TYPEWRITING. First semester. 2 credits. Prerequisite, Shorthand and Typewriting 84.

THE NATURAL SCIENCE DIVISION

BIOLOGY

No credit is given toward graduation for less than a full year's work in Courses 41-42, 51-52, and 61-62.

- 41-42. GENERAL GEOLOGY. 4 credits each semester. Laboratory fee, \$2.50 per semester.
- 51-52. GENERAL BOTANY. 4 credits each semester. Laboratory fee, \$4 per semester.
- 61-62. GENERAL ZOOLOGY. 4 credits each semester. Laboratory fee, \$4 per semester.
- 71-72. SANITATION. 3 credits each semester.

CHEMISTRY

- 21-22. GENERAL INORGANIC CHEMISTRY. 4 credits each semester. No credit given toward graduation for less than the full year's work. Laboratory fee, \$10 per semester.
43. QUALITATIVE ANALYSIS. First semester. 5 credits. Prerequisite, 22. Laboratory fee, \$10.
44. ELEMENTARY ORGANIC CHEMISTRY. Second semester. 4 credits. Prerequisite, 22. Laboratory fee, \$10.
- Courses 23-24, 55, and 56 are for students not majoring in chemistry, and especially for Home Economics students specializing in Foods and Nutrition.
- 23-24. INORGANIC CHEMISTRY. 3 credits each semester. Laboratory fee, \$5 per semester. 1936-37 and alternate years.
55. ORGANIC CHEMISTRY. First semester. 4 credits. A study of the general nature and classification of organic compounds which provide the necessary foundation for courses in elementary physiological chemistry, dietetics, foods, etc. Prerequisite, 24. Laboratory fee, \$10. 1937-38 and alternate years.
56. PHYSIOLOGICAL CHEMISTRY. Second semester. 4 credits. A study of the chemistry of carbohydrates, fats, proteins, the composition, digestion, absorption and assimilation of foods; metabolism, body tissues, blood and secretions. Prerequisite, 55 or its equivalent. Laboratory fee, \$10. 1937-38 and alternate years.

MATHEMATICS

21. COLLEGE ALGEBRA. Either semester. 4 credits. Students enrolled in Algebra who prove to be inadequately prepared will be required to attend class two extra periods each week, without credit, in order to review fundamentals.
22. TRIGONOMETRY. Second semester. 3 credits.
- 43-44. ANALYTIC GEOMETRY. 2 credits each semester. Prerequisite, 21 and 22.
45. DIFFERENTIAL CALCULUS. First semester. 3 credits. Prerequisite, 21 and 22. Course 43 must be taken either before or with Course 53.
46. INTEGRAL CALCULUS. Second semester. 3 credits. Prerequisite, 53.
58. BUSINESS MATHEMATICS. Either semester. 3 credits. Prerequisite, 21.
- 59-60. BUSINESS MATHEMATICS. 2 credits each semester. Prerequisite, 21.

PHYSICS

21-22. MECHANICS. 4 credits each semester.

An intensive study of the fundamental principles of Statics and Kinetics with emphasis on their applications. Required of all students who plan to enter the Engineering College or major in Applied Physics. Students in this course must have completed the freshman mathematics courses or be taking them. Two recitation and two laboratory periods per week. Laboratory fee, \$4 each semester.

51-52. GENERAL PHYSICS. 4 credits each semester.

Three lectures and one laboratory period per week. The laboratory work may be omitted with corresponding loss of credit. Laboratory fee, \$2 each semester.

53. OPTICS. First semester. 4 credits.

Three lectures and one laboratory period per week. Laboratory fee, \$2.

43-44. HEAT, MAGNETISM, ELECTRICITY, SOUND AND LIGHT.

A continuation of 21-22 with emphasis on the applications. Required of all students who plan to enter Engineering College or major in Applied Physics. Prerequisites: Algebra, Trigonometry, and Physics 21-22. The student should also be taking sophomore mathematics. Three recitations and one laboratory period per week. Laboratory fee, \$2 each semester.

THE COLLEGE OF ENGINEERING

21-22. SURVEYING. 1 credit each semester.

41-42. PLANE TABLE SURVEYING. 1 credit each semester.

21-22. ENGINEERING DRAWING. Each semester. 2 credits.

44. DESCRIPTIVE GEOMETRY. Second semester. 3 credits.

49-50. SHOP PRACTICE. Each semester. 1 credit.

21. PERSONNEL PROBLEMS. Either semester. 1 credit.

22. TRIGONOMETRY. First semester. 3 credits. Prerequisite, 1½ units of high school algebra.

21. ALGEBRA. Second semester. 4 credits. Prerequisite, 1½ units of high school algebra.

53. ANALYTIC GEOMETRY. First semester. 2 credits.

55. DIFFERENTIAL CALCULUS. First semester. 3 credits.

56. INTEGRAL CALCULUS. Second semester. 3 credits.

1-2. ENGLISH COMPOSITION. Each semester. 3 credits.

61. AMERICAN LITERATURE. First semester. 2 credits.

62. ADVANCED COMPOSITION. Second semester. 3 credits.

THE COLLEGE OF EDUCATION

The following courses except 81-82 and 62 may also count toward the A. B. or B. S. degree.

- 65. EDUCATIONAL SOCIOLOGY. Either semester. 3 credits.
- 55. INTRODUCTION TO EDUCATION. Either semester. 3 credits.

GEOGRAPHY

- 71. PRINCIPLES OF GEOGRAPHY. First semester. 3 credits.
- 72. GEOGRAPHY OF NORTH AMERICA. First semester. 3 credits.
- 73. GEOGRAPHY OF SOUTH AMERICA. Second semester. 2 credits.
- 74. GEOGRAPHY OF EUROPE. Second semester. 3 credits.

SCHOOL MUSIC

81-82. SIGHT SINGING AND EAR TRAINING. 2 credits each semester. Taken for credit by students in Elementary Education. Music majors who need to take this course must take it without credit.

PSYCHOLOGY

- 41. GENERAL PSYCHOLOGY. Either semester. 3 credits.
- 42. APPLIED PSYCHOLOGY. Second semester. 3 credits.
- 52. EDUCATIONAL PSYCHOLOGY. Either semester. 3 credits. Prerequisite, 1.
- 62. BUSINESS PSYCHOLOGY. Second semester. 3 credits.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

In 1919 the United States Government established at the University of Akron a unit of the Reserve Officers' Training Corps. This unit is of the same sort as those established at practically all of the large universities and colleges throughout the country with the idea of producing trained men for the Officers' Reserve Corps. The instruction is divided into two parts: the basic course of the first two years, required of all freshman and sophomore men who are physically fit; and the advanced course of the last two years, elective for the men who have completed satisfactorily the basic course and the first two years of scholastic work.

BASIC COURSE

The basic course in R. O. T. C. is required of all men during the freshman and sophomore years, with the following exceptions:

- a. Aliens.
- b. Men physically disqualified.
- c. Men who have been in the military or naval service more than one year.
- d. Men who are taking short professional or pre-professional courses not leading to degrees.
- e. Men carrying less than eight hours of work.
- f. Men who present a certificate of having completed forty-eight semester hours of work from another accredited college or university.
- g. Men above the age of twenty-six.
- h. Men who make written declaration of religious or conscientious objections to military service similar to those in effect during the late war entitling one to exemption from combat service.

The work is given three hours per week for the first two years. One hour of credit is given each semester for this course.

During this basic course no compensation is paid the student by the government, but uniforms (except shoes) and equipment are issued for his use. Each student is held responsible for loss or damage to government property issued to him. Each student is required to provide one pair of russet shoes, of approved military pattern, for use with the uniform. Uniforms must be turned in at the completion of each year, or at the time of leaving; they are replaced at the beginning of the next academic year.

Students entering this institution from other colleges or universities and claiming credit for previous military instruction, will confer with the military department at the beginning of the semester and ascertain the amount of credit which can be given them on account of such previous military instruction. This will enable such new students to arrange their programs promptly and satisfactorily.

BASIC COURSE

First Year Basic	Hours	Second Year Basic	Hours
Military Fundamentals	13	Military History	4
Military Discipline and Courtesies ..	4	Leadership	36
Military Sanitation and First Aid ..	6	Infantry Weapons	14
Military Organization	6	Combat Training	42
Map Reading	16		
Leadership	36		96
Rifle Marksmanship	15		
	<u>96</u>		

PRE-PROFESSIONAL AND TERMINAL COURSES

SECRETARIAL SCIENCE

SPECIAL TWO-YEAR CERTIFICATE COURSE

The following special two-year course in Secretarial Science is offered. Students completing the course are granted a certificate provided they have made a quality point ratio of not less than one and have passed, during their last semester, the certificate examination.

This curriculum may be modified in the case of students who have had commercial courses prior to entering the University.

FIRST YEAR

First Semester		Second Semester	
	Cr. Hrs.		Cr. Hrs.
Shorthand Theory 41	3	Shorthand Theory 42	3
Typewriting 51	2	Typewriting 52	2
English, Oral and Written 1	3	English, Oral and Written 2	3
Hygiene and Physical Ed. 3	3	Hygiene and Physical Ed. 4	3
Introduction to Social Sciences 5	3	Introduction to Social Sciences 6	3
*Introduction to Humanities 7	3	Introduction to Humanities 8	3

SECOND YEAR

First Semester		Second Semester	
	Cr. Hrs.		Cr. Hrs.
*Introduction to Natural Science 9	3	Introduction to Natural Science 10	3
Accounting 21 or 41	3	Accounting 22 or 42	3
Advanced Shorthand 63	3	Advanced Shorthand 64	3
Secretarial Training 73	2	Secretarial Training 74	2
Secretarial Theory 21	3	Office Methods 26	3
Business Law 51	3		

* May be interchanged.

EDUCATION

TWO-YEAR ELEMENTARY
COURSE

Courses	Cr. Hrs.
English	6
Introduction to Social Science	6
Introduction to Natural Science	6
Introduction to Humanities	6
Hygiene and Physical Ed.	6
Introduction to Education	3
Art	2
Music	3
Story Telling	2
Tests and Measurements	2
Reading Content and Method	3
Arithmetic Content and Method	2
Select 2 of the following 3:	
Language Content and Method	2
Science Content and Method	2
Social Science Content and Method	2
School Administration	2
General and Educational Psychology	6
Principles of Teaching	3
Student Teaching	4
Total	66

TWO-YEAR NURSERY SCHOOL
COURSE

Courses	Cr. Hrs.
Introduction to Humanities	6
Introduction to Social Science	6
Introduction to Natural Science	6
Hygiene and Physical Education	6
English	6
Nursery-Kindergarten Education	6
Child Care	3
Psychology { General	6
{ Child	
Story Telling	6
Music { Sight Singing	6
{ Kindergarten-Primary Music	
Principles of Teaching	3
Play Materials	2
Practice Teaching	4
School Management	2
Elective in Education	2
Total	70

THE UPPER COLLEGES

BUCHTEL COLLEGE OF LIBERAL ARTS

A. I. SPANTON, A. M., *Dean*

Buchtel College was founded as a College of Liberal Arts in 1870 by the Ohio Universalist Convention in co-operation with the Honorable John R. Buchtel. It became a part of the Municipal University of Akron (now the University of Akron) December 15, 1913, and is known as Buchtel College of Liberal Arts.

OBJECTIVES OF THE LIBERAL ARTS COLLEGE WITH REFERENCE TO ITS STUDENTS

1. To acquaint them with the world of nature and human life by giving them a survey of the chief fields of knowledge.
2. To train them in the scientific method, and help them form habits of clear thinking.
3. To arouse their intellectual curiosity and stimulate their scholarly growth.
4. To give them the necessary general preparation for postgraduate study; for entering schools of law, medicine, dentistry, and other professions; or for careers in art, music, and other cultural fields.
5. To help them appreciate beauty in all its forms, and thus furnish them with resources for enjoying their leisure hours.
6. To develop and strengthen in them a sense of social responsibility in order that they may have a proper regard for the rights of others, and to prepare them for an active and intelligent citizenship.
7. To help them acquire good manners and develop a moral strength adequate to cope with the various situations in which they find themselves.

DIVISIONS OF THE LIBERAL ARTS COLLEGE

Buchtel College of Liberal Arts includes three Divisions: Humanities, Social Sciences, and Natural Sciences.

The allocation of departments and particular fields of study to the several colleges does not mean that election of courses is restricted to students enrolled in a particular college. The student may cross college lines, under proper supervision, should this be necessary to enable him to select the courses best suited to his needs.

SUBJECTS OF INSTRUCTION IN THE DIVISIONS

The departments and subjects of instruction are grouped under the Divisions as follows:

HUMANITIES	SOCIAL SCIENCES	NATURAL SCIENCES
Art	Commerce	Biology
Languages	Economics	Chemistry
Literature	History	Mathematics
Music	Home Economics	Physics
Philosophy	Political Science	
Speech	Secretarial Science	
	Sociology	

ENTRANCE REQUIREMENTS

In order to be enrolled, the student must have completed 64 semester hours in the General College (including the required courses in general education) with a quality point ratio of one, and such prerequisites as may be prescribed for his major, or field of concentration.

Admission to a Division is determined by the administration of the General College, the chairman of the Division, and the Dean of the college.

MAJORS, OR FIELDS OF CONCENTRATION

Each student chooses some major, or field of concentration, within the Division. These fields of concentration vary, depending upon the student's preparation, interests, and objectives. The chief aim is to have the student pursue, under the guidance of the department head and the divisional chairman, that program of studies which most adequately meets his individual needs. The emphasis is not on any prescribed and inflexible program which all students must take, but rather on the individual student himself and what will best prepare him for his future work.

DIVISIONAL MAJORS

For students who do not desire any narrower field of concentration than the Division itself, the following divisional majors are provided:

In Humanities, at least 36 semester hours in the Division.

In Social Science, at least 9 hours in each of four departments.

In Natural Science, two year-courses in each of the four departments.

Students choosing divisional majors, in the Divisions of the Humanities and the Social Sciences, are required to pass a General Final Examination in the second semester of the senior year.

REQUIREMENTS FOR GRADUATION

1. A minimum of 128 semester hours, including the work in the General College.
2. A minimum quality point ratio of one.
3. The recommendation of the student's major professor and the chairman of the Division.
4. Except in Commerce and Secretarial Science, completion of the second year of a foreign language, on the university level, with a grade of C. Students with a grade lower than C will not be recommended for a degree until they pass an examination showing they have a working knowledge of the language.
5. Exclusive of the required courses in general education in the General College, students are expected to take at least fifty per cent—and it is desirable that they take not more than seventy-five per cent—of their total work for graduation in their major Division.

DEGREES

The following degrees are granted in the Divisions:

The Humanities: A. B.; B. S. in Applied Art.

The Social Sciences: A. B.; B. S. in Business Administration;
B. S. in Secretarial Science.

The Natural Sciences: B. S. (However, at the discretion of the divisional chairman, students majoring in mathematics may be granted the A. B. degree if much of their work is in the Humanities or Social Sciences.)

PREPARATION FOR HIGH SCHOOL TEACHING

All Liberal Arts students who wish to prepare for high school teaching must register with the Dean of the College of Education two years prior to the time at which they expect to begin teaching.

Each prospective high school teacher is expected to be prepared to teach in one major and two minor fields, according to the grouping of subjects by the State Department of Education.

Each student will be required to pass the qualifying examination before entering upon Practice Teaching.

For additional information concerning requirements see College of Education.

Professional requirements and their sequence:

SECOND YEAR GENERAL COLLEGE

First Semester	Second Semester
General Psychology	Educational Psychology
Introduction to Education (first or second semester)	

FIRST YEAR UPPER COLLEGE

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Methods	3	Tests and Measurements	2

SECOND YEAR UPPER COLLEGE

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Educational Problems	3	Student Teaching	6
		School Administration	2
OR			
Student Teaching	6	Educational Problems	3
School Administration	2		

COMBINATION COURSES

1. AT THE UNIVERSITY OF AKRON

The Arts-Teachers Combination Course

A five-year combination Liberal Arts-Education program, leading to the degree Bachelor of Arts and the degree Bachelor of Arts in Education, is offered students preparing for teaching. Students interested in taking such a combination course should confer with the Dean of the College of Education before entering the Upper College.

2. WITH WESTERN RESERVE UNIVERSITY

The Arts-Law Combination Course

This course comprises a total of six years, three at the University of Akron and three at the Law School of Western Reserve University. At the end of four years the Bachelor's degree is conferred by the University of Akron for the satisfactory completion of 128 semester hours of work. At the end of six years the student may become a candidate for the degree Bachelor of Laws at Western Reserve University.

The requirements in Buchtel College of Liberal Arts for the A. B. degree under this plan are: three years' residence; 101 semester hours completed at the University of Akron toward the A. B. degree, with an average grade of at least 85%; a minimum of 43 semester hours completed in the student's major Division; and sufficient credit from the Law School of Western Reserve University to make a total of 128 semester hours.

3. WITH OTHER PROFESSIONAL OR TECHNICAL SCHOOLS

The University of Akron is also willing to give the opportunity for combination courses with other approved professional or technical schools requiring at least three years of Liberal Arts work for entrance. The approval of such courses rests with the dean of Buchtel College and the chairman of the Division. In making such combinations, the University of Akron will insist on the fulfillment of the general requirements of three years' residence at Akron; the completion of 96 semester hours at the University of Akron; and the completion of a total of 128 semester hours for graduation.

Students are warned against haphazard work in the University of Akron with the idea that a course chosen at random may be combined with any professional school to which their inclination may later direct them. The choice of the school with which the combination is desired should not be delayed beyond the close of the sophomore year. To be considered a candidate for a degree under the plan of combination courses, a student must make all arrangements with the dean of Buchtel College before entering the Upper College. The dean and the chairmen of the Divisions are at all times ready to assist students in making combinations with reputable professional and technical schools.

THE HUMANITIES DIVISION

OBJECTIVES OF THE HUMANITIES DIVISION

1. To develop in the student an awareness of, and appreciation for, man's cultural heritage in literature, art, music, and philosophy, together with an understanding of the necessity for its preservation and enrichment.
2. To send out into the world men and women who not only can do things but also can understand things; who view the present in its proper relation to the past; who remain hopeful because they have enjoyed an ennobling acquaintance with the aspirations and achievements of the world's great creative artists; who are better citizens because they are thoughtful citizens; who are happier human beings because they can enjoy the use of their own minds.
3. To aid the student in his efforts to express himself clearly and forcefully in his mother tongue.
4. To motivate the student toward independent study so that he may continue to pursue his aesthetic and philosophical interests after he has finished his college work.
5. To offer the student such training in the individual subject fields that he may be able to pursue his chosen study beyond his undergraduate work.
6. To encourage the student to develop latent creative ability.

ART

ASSISTANT PROFESSOR BARNHARDT, MISS CABLE, MRS. YOUNG,
MR. FRENCH, MISS RIBLETT

Prerequisites in the General College: To enter Art as a field of concentration, students should have completed in the General College the following courses in addition to the required courses in General Education: Structural Art, 2 credits; Art Appreciation, 2 credits; Design, 4 credits; Drawing and Rendering, 4 credits; Modeling, 4 credits; and two years of a foreign language. Courses recommended but not required: Psychology 41-42, Sociology 41, Shakspeare 41.

General Final Examination: Students majoring in Art will be required, in the second semester of the senior year, to pass a general final examination in the subject.

Required Courses in the Upper College:

	Cr. Hrs.
History of Art	6
Commercial Art	4
Still Life	4
Graphic Arts	4
Crafts	4
Weaving	4
Costume	6
Interior Decoration	6
Illustration	4
Figure Drawing	4
Classical Archaeology	3
Electives	15
	—
	64

Suggested Electives: Ancient and Medieval History, 12 credits; Greek Masterpieces, 6 credits; Drama, 6 credits.

101. CRAFTS. APPLIED DESIGN. First semester. 2 credits. Prerequisite, 43.
102. CRAFTS. APPLIED DESIGN. Second semester. 2 credits. Prerequisite, 101.
104. GRAPHIC ARTS: DRY-POINT ETCHING, BLOCK PRINTING. Second semester. 2 credits. Prerequisite, 46.
105. GRAPHIC ARTS: ACID ETCHING, STENCIL, PROVINCETOWN PRINT. First semester. 2 credits. Prerequisite, 104.
106. WEAVING. Second semester. 2 credits. Prerequisite, 43.
107. WEAVING. First semester. 2 credits. Prerequisite, 106.
111. STILL LIFE. First semester. 2 credits. Prerequisite, 46.
112. STILL LIFE. Second semester. 2 credits. Prerequisite, 111.
131. COMMERCIAL. First semester. 2 credits. Prerequisites, 22, 45. 1936-37 and alternate years.
132. COMMERCIAL. Second semester. 2 credits. Prerequisite, 131. 1936-37 and alternate years.
141. ADVANCED COMMERCIAL. First semester. 2 credits. Prerequisite, 132.
142. ADVANCED COMMERCIAL. Second semester. 2 credits. Prerequisite, 141.
151. COSTUME. First semester. 3 credits. Prerequisite, 43. 1937-38 and alternate years.
152. STAGE COSTUME. Second semester. 3 credits. Prerequisite, 151. 1937-38 and alternate years.
171. INTERIOR DECORATION. First semester. 3 credits. Prerequisite, 43. 1936-37 and alternate years.
172. INTERIOR DECORATION. Second semester. 3 credits. Prerequisite, 171. 1936-37 and alternate years.
175. FIGURE DRAWING. First semester. 2 credits. Prerequisite, 112. Fee, \$1.25.
176. FIGURE DRAWING. Second semester. 2 credits. Prerequisite, 175. Fee, \$1.25.
179. ILLUSTRATION. First semester. 2 credits. Prerequisite, 176. 1937-38 and alternate years.
180. ILLUSTRATION. Second semester. 2 credits. Prerequisite, 179. 1937-38 and alternate years.
201. HISTORY OF ART. First semester. 3 credits.
202. HISTORY OF ART. Second semester. 3 credits. Prerequisite, 201.

For other courses in Art, see the College of Education section.

ENGLISH

DEAN SPANTON, PROFESSOR PEASE, ASSOCIATE PROFESSOR MITCHELL, MR. VANCE, ASSISTANT PROFESSOR ROBERTS, MR. STICKNEY, MR. KEISTER, ASSISTANT PROFESSOR RAW, MRS. PUTMAN, MR. WISHART, MRS. WHITNEY

Required Courses: Students who emphasize English in their field of concentration are not required to take any prescribed number of hours in English, since each student's program is determined principally by his own interests and objectives. However, such students should have taken in the General College Courses 41 and 43, and will take in the Upper College not less than 24 hours in the department, exclusive of courses in Journalism, and including courses 201 and 162; also Greek Masterpieces in Translation, Latin Masterpieces in Translation, and English History.

General College courses recommended but not required: Philosophy 55-56; Typewriting 31; Social Science, especially Sociology 41-42.

102. SIXTEENTH CENTURY LITERATURE. Second semester. 3 credits. 1936-37 and alternate years.

103. SEVENTEENTH CENTURY LITERATURE. First semester. 3 credits. A survey of the period 1600-1700. The major literary figures, Bacon, Donne, Milton, and Dryden, as well as many of the less important writers, are considered in relation to the significant tendencies of the century. Jacobean and Restoration drama are not included in the course. 1937-38 and alternate years.

104. EIGHTEENTH CENTURY LITERATURE. Second semester. 3 credits.

The various literary trends and movements of the century, as expressed in the literature, are studied: classicism, political and social criticism, sentimentalism, pre-romanticism, etc. The work of Pope and Johnson, as the dominating literary figures of the century, is emphasized. 1937-38 and alternate years.

105-106. NINETEENTH CENTURY LITERATURE. 3 credits each semester. 1936-37 and alternate years.

112. TENNYSON AND BROWNING. First semester. 3 credits. 1937-38 and alternate years.

114. THE ENGLISH BIBLE AS LITERATURE. Second semester. 3 credits. 1936-37 and alternate years.

116. AMERICAN LITERATURE (1620-1820). Second semester. 3 credits. 1937-38 and alternate years.

117. CONTEMPORARY BRITISH POETRY. First semester. 3 credits. Not offered 1936-37.

118. CONTEMPORARY AMERICAN POETRY. Second semester. 3 credits. Not offered 1936-37.

- 121-122. ENGLISH FICTION: DEVELOPMENT OF THE NOVEL.
3 credits each semester. 1937-38 and alternate years.
131. SEMINAR. First semester. 2 credits.
Required of senior English majors.
132. SEMINAR. Second semester. 2 credits.
Required of senior English majors.
- 143-144. SHORT STORY WRITING. 2 credits each semester. 1936-37
and alternate years.
162. HISTORY OF THE ENGLISH LANGUAGE. Second semester.
3 credits. 1937-38 and alternate years.
201. CHAUCER. First semester. 3 credits. 1937-38 and alternate
years.
- 203-204. THE DRAMA. 3 credits each semester. 1936-37 and alter-
nate years.
- 205-206. ANGLO-SAXON. 3 credits each semester.
All English majors intending to teach should take this course. 1937-38
and alternate years. No credit given toward graduation for less than
the full year's work.
- 207-208. MIDDLE ENGLISH. 3 credits each semester.
No credit given toward graduation for less than the full year's work.
1936-37 and alternate years.
210. SHAKSPERE. First semester. 3 credits.
An intensive study of three or four of the more important plays.
1937-38 and alternate years.

JOURNALISM

MR. VANCE

- 153-154. EDITING. 2 credits each semester. Prerequisite, News
Writing 51-52 or the equivalent.
155. HISTORY OF JOURNALISM. First semester. 2 credits. 1937-38
and alternate years.
157. EDITORIAL WRITING. First semester. 2 credits. 1936-37 and
alternate years.
156. FEATURE WRITING. Second semester. 2 credits.

LATIN AND GREEK

PROFESSOR YOUNG

Required courses for majors in the General College: Latin 21-22 and 43-44; in the Upper College: Latin and Greek Masterpieces.

General College courses recommended but not required: Shakspeare 41, Psychology 41-42.

Major: Twenty-four hours of Latin.

General Final Examination: Students majoring in this department are subject to general final examination in their senior year to test their achievement in their chosen field of study.

LATIN

105. HORACE: ODES. First semester. 3 credits. Prerequisite, 44. 1937-38 and alternate years.
106. VERGIL: AENEID, AND JUVENAL: SATIRES. Second semester. 3 credits. Prerequisite, 44. 1937-38 and alternate years.
107. VERGIL: GEORGICS, AND Suetonius: LIVES OF CAESARS. First semester. 3 credits. Prerequisite, 44. 1936-37 and alternate years.
108. CATULLUS, AND LATIN EPIGRAPHY. Second semester. 3 credits. Prerequisite, 44. 1936-37 and alternate years.
- 109-110. LATIN PROSE COMPOSITION. 1 credit each semester. Prerequisite, 44. 1936-37 and alternate years.
Indispensable for prospective graduate students and candidates for teaching positions.
112. CLASSICAL SEMINAR. Second semester. 1 credit. Prerequisite, senior. Required for majors.
Reports and problems designed to integrate and synthesize the field of classical literature.
152. LATIN MASTERPIECES IN ENGLISH TRANSLATIONS. Second semester. 3 credits. 1937-38 and alternate years. Required for majors.

GREEK

113. CLASSICAL ARCHAEOLOGY. First semester. 3 credits. 1937-38 and alternate years.
- 149-150. GREEK MASTERPIECES IN ENGLISH TRANSLATIONS. 2 credits each semester. 1937-38 and alternate years. Required for majors.

MODERN LANGUAGES

PROFESSOR BULGER, ASSOCIATE PROFESSOR REED, ASSISTANT
PROFESSOR FANNING, MR. ALBRECHT, MR. GLENNEN, MR. RICE

Students who concentrate on foreign languages at the upper level are required to take, toward the end of the senior year, a general final examination in the language particularly emphasized.

The student must take at least 14 hours of work at or above the 100 level. This work may be done in one or two languages. If two languages are chosen, one may be Latin.

FRENCH

ASSOCIATE PROFESSOR REED, ASSISTANT PROFESSOR FANNING, MR. GLENNEN

101-102. THIRD YEAR FRENCH: THE FRENCH NOVEL. 2 credits each semester. Prerequisite, 44.

103-104. FRENCH COMPOSITION. 2 credits each semester. Prerequisite, 44.

105. FRENCH PHONETICS. Either semester. 1 credit.

207-214. ADVANCED FRENCH. 2 credits each semester. Prerequisite, 102 or 104.

Two of the following courses are given each year:

207-208. FRENCH DRAMA OF THE SEVENTEENTH CENTURY.

209-210. MODERN FRENCH LITERATURE.

211-212. SURVEY OF FRENCH LITERATURE.

213-214. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY.

SPANISH

MR. RICE, MR. ALBRECHT

Two of the following courses are offered each year:

103-104. APPLIED SPANISH AND SPANISH COMPOSITION. 2 credits each semester. Prerequisite, 44.

207-208. SPANISH LITERATURE OF THE NINETEENTH AND TWENTIETH CENTURIES (1800-1930). 2 credits each semester. Prerequisite, 44.

209-210. SPANISH LITERATURE OF THE GOLDEN AGE AND EIGHTEENTH CENTURY (1550-1800). 2 credits each semester. Prerequisite, 44.

211-212. SURVEY OF SPANISH LITERATURE TO 1550 (MIDDLE AGES AND RENAISSANCE). 2 credits each semester. Prerequisite, 44.

GERMAN

PROFESSOR BULGER, ASSOCIATE PROFESSOR REED, MR. ALBRECHT

- 101-102. GERMAN DAILY LIFE. 2 credits each semester. Prerequisite, 44.
- 103-104. GERMAN COMPOSITION. 2 credits each semester. Prerequisite, 44.
- 207-218. ADVANCED GERMAN. 2 credits each semester. Prerequisite, 102 or 104.

Two of the following courses are offered each year :

- 207-208. SCHILLER.
- 209-210. GOETHE.
- 211-212. SURVEY OF GERMAN LITERATURE.
- 213-214. MODERN GERMAN DRAMA.
- 215-216. FAUST.
- 217-218. SHORT STORY.

MUSIC

ASSISTANT PROFESSORS ENDE AND RIDER; MR. GARLINGHOUSE, GLEE CLUBS; MR. LEBO, BAND; MR. CAMPBELL, ORCHESTRA AND VIOLIN; MR. STEIN, VOICE; MISS WILLS, PIANO

The work in Music is open to election by all students of the University who are properly qualified to take the courses offered, and may be included in certain fields of concentration in the Humanities Division and in the College of Education. All theory courses may be taken for credit, but not more than 8 credits of Instruments or Voice and 4 credits of Glee Club, Orchestra, or Band may be counted toward a degree except in the School Music course. Those desiring instruction in Music must arrange for it on registration days as part of their regular assignment of work for the semester. Students who desire to take no studies except Music must fulfill the regular requirements for college entrance.

Prerequisites for Majors: To enter Music as a field of concentration, the student must have credit in the General College for General Theory 21, Appreciation of Music 22, and Elementary Harmony 43-44. Other General College courses, recommended but not required, are: Psychology 41-42, Philosophy 55-56, and Shakspeare 41.

General Final Examination: Majors in Music will be required, in the second semester of the senior year, to pass a general final examination in the theory and history of music.

Requirements: The requirements for a Music major leading to the A. B. degree are 41 credits in Music in addition to the general requirements for a degree. Of this number 29 credits must be in theory and 12 credits in Applied Music. The requirements in Applied Music are 8 credits of Instruments or Voice and 4 credits of Glee Club or Orchestra.

COURSES IN THEORY

ASSISTANT PROFESSOR ENDE

- 101-102. ADVANCED HARMONY. 2 credits each semester. Prerequisite, 44.
- 103-104. COUNTERPOINT. 2 credits each semester. Prerequisite, 44. 1936-37 and alternate years.
- 105-106. HISTORY OF MUSIC. 2 credits each semester. Prerequisite, 22. 1937-38 and alternate years.

108. FORM AND ANALYSIS. Second semester. 3 credits. Prerequisites, 101 and 103.
109. KEYBOARD HARMONY. First semester. 2 credits. Prerequisite, 102.
111. COMPOSITION. First semester. 2 credits. Prerequisites, 102 and 108.
113. CONDUCTING. First semester. 1 credit. Prerequisite, permission of the instructor.
114. ORCHESTRATION. Second semester. 3 credits. Prerequisite, 102.

COURSES IN APPLIED MUSIC

Credit for applied music in the College of Liberal Arts is allowed only on the basis of 2 credits in theory for 1 credit in applied music.

115. BRASS AND WOOD WIND INSTRUMENTS. Either semester. 1 credit.
45. VOICE CLASS. Either semester. 2 credits.
46. ADVANCED VOICE CLASS. Either semester. 2 credits. Prerequisite, 45.

PRIVATE LESSONS

See under Music in General College section.

MUSICAL ORGANIZATIONS

- MEN'S GLEE CLUB. 1 credit each semester.
- WOMEN'S GLEE CLUB. 1 credit each semester.
- ORCHESTRA. 1 credit each semester.
- BAND. 1 credit each semester.

PIXLEY SCHOLARSHIPS IN MUSIC

See section on Scholarships and Prizes.

PHILOSOPHY

PROFESSOR WOOD

Students may choose a combination of Philosophy and Psychology as a field of concentration, but not Philosophy or Psychology alone. Prerequisites in the General College are Philosophy 55, 56 and Psychology 41, 42; Sociology 41-42 and Shakspeare 41 are recommended.

Required Upper College courses: All the courses offered in Philosophy, and, ordinarily, the following courses in Psychology (see page 115): Child Psychology, Mental Hygiene, Abnormal Psychology, Experimental Psychology, Social Psychology, Genetic Psychology, and Psychology of Adolescence.

General Final Examination: Students majoring in Philosophy and Psychology will be required to pass a general final examination the second semester of the senior year.

103. HISTORY OF PHILOSOPHY. First semester. 3 credits. Prerequisite, 56. 1936-37 and alternate years.
104. LOGIC. Second semester. 3 credits. 1936-37 and alternate years.

105. ETHICS. First semester. 3 credits.
1937-38 and alternate years.

106. PHILOSOPHY OF RELIGION. Second semester. 3 credits.
1937-38 and alternate years. This course attempts to develop an understanding of the religious impulse in man and its relationship to the conservation of human values. Considerable attention is given to the matter of religion and its relation to the self, and to the place of religion in reality.

SPEECH

PROFESSOR HAYWORTH, ASSISTANT PROFESSOR McEBRIGHT,
ASSISTANT PROFESSOR DYE, MR. VARIAN, MR. TURNER

Prerequisites: To enter Speech as a field of concentration the student must have credit in the General College for Speech 41 and Interpretation 51. For General College courses recommended but not required see General College section under requirements for promotion.

General Final Examination: Students majoring in Speech are required, in the second semester of the senior year, to take a general final examination covering the field.

Students emphasizing Speech in their field of concentration will be guided in formulating a program of Speech courses which, in the judgment of the Speech staff, will best fulfill their needs.

143. ADVANCED PUBLIC SPEAKING. First semester. 3 credits.
1936-37 and alternate years.

144. FORMS OF PUBLIC ADDRESS. First semester. 3 credits.
1937-38 and alternate years.

152. ADVANCED INTERPRETATION. Second semester. 3 credits.

153. VOICE TRAINING. First semester. 1 credit.

161-162. PLAY PRODUCTION. 3 credits each semester. 1937-38 and alternate years. No credit given toward graduation for less than the full year's work. Fee \$2.00 each semester.

172. INTRODUCTION TO VOICE SCIENCE. Second semester. 3 credits.

173. SPEECH CORRECTION. Second semester. 2 credits.
1937-38 and alternate years.

181. RADIO SPEAKING. Either semester. 3 credits. Fee \$1.00.

191. SEMINAR. First semester. 2 credits.

192. SURVEY OF THE LITERATURE OF SPEECH. Second semester.
2 credits. 1936-37 and alternate years.

205. PHONETICS: THE SCIENCE OF SPEECH SOUNDS. 3 credits.

THE SOCIAL SCIENCE DIVISION

OBJECTIVES OF THE SOCIAL SCIENCE DIVISION

To give students cultural and useful information in the fields of commerce, economics, history, home economics, secretarial science, sociology, and political science.

To prepare students for graduate study in the professions, in public service, and in business; and in so doing to emphasize sound methods of inquiry, fair criticism, and love of truth.

To inculcate in students a sense of social responsibility, and a respect for the opinions and the rights of others; to equip them with a knowledge of human relationships and with qualities of leadership so that they may function worthily in, and seek to improve, our social order; and to enable them to enjoy human fellowship and to maintain a saving sense of humor in the process of social adjustment.

To supply the local community with expert service in the field of social science.

COMMERCE

PROFESSOR LEIGH, ASSISTANT PROFESSORS MCKEE AND VAN METRE,
MR. HAMPEL, MR. HAUSER, MR. HILLIARD, MR. POWERS,
MR. BUSBEY, MR. BURROUGHS

The Department of Commerce offers professional training to young men and women who plan to enter the fields of industry, trade, or transportation. The course in Business Administration aims to develop and apply those general fundamentals of economics and administration which are common to all businesses. The University of Akron, being situated in a great industrial and trade area, is particularly qualified to offer training in the fields of accounting, finance, management, marketing, advertising, and merchandising. By means of lectures, inspection trips, and problems, the student is kept in touch with the actual developments in these various departments of commerce.

REQUIREMENTS FOR ADMISSION

In addition to the 34 hours specified in the General College requirements, the following specific requirements should be met for admission to the Commerce Department: Accounting 21-22, 6 credits; Business Administration 61, 3 credits; Selling and Advertising 83, 3 credits; Economics 41-42, 6 credits. For General College courses recommended but not required, see General College section.

For a degree in Business Administration, the following additional requirements must be taken during the second or third year: Analytical Accounting 43, 3 credits; Economic Geography 54, 3 credits; Typewriting 31, 2 credits.

GRADUATION AND DEGREE

Candidates for graduation must present, in addition to the required number of credit hours and quality points, a senior thesis upon some specially assigned subject or business problem which will be developed in the seminar course which each senior takes in the field of his major interest.

Beginning with the class of June, 1938, students majoring in Commerce will be required, in the second semester of the senior year, to pass a general final examination on the field covered.

The degree of Bachelor of Science in Business Administration will be granted to those students who satisfactorily complete the prescribed course in Business Administration.

THE BUSINESS ADMINISTRATION COURSE

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Business Law 141	3	Business Law 142	3
Marketing 183	3	Business Management 162 or	} 3
Business Finance 171	3	Advertising 185	
Social Science	3	Statistics 147	4
		Social Science	3

Majors in Management and Accounting should take Business Management; majors in Finance and Marketing should take Advertising; majors in General Business must take Business Management and Advertising.

Electives are of two kinds: General electives and electives in Major. Courses of both types are suggested below.

Business Correspondence is particularly recommended as the first semester elective.

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Electives in Majors	6	Electives in Majors	6
Seminar	1	Business Policy 268	3
		Seminar	1

SUGGESTED GENERAL ELECTIVES

**Economics*

Money and Banking
Labor Problems
Public Finance

**History*

History of England
History of Modern Europe

Art

Commercial Art

Mathematics

Algebra
Mathematics of Finance

**Political Science*

Government and Business
American Government
Comparative Government
Public Administration
Political Theory

**Sociology*

General Sociology
Sociology of the Crowd
Leadership

**Psychology*

General
Business Psychology

**Secretarial Science*

Typewriting 52
Business Correspondence

*Courses in these fields will meet the "Social Science" requirement.

OPTIONAL MAJORS IN COMMERCE

Five fields of specialization are available to the students in Commerce; namely, Accounting, Finance, General Business, Management, and Marketing and Advertising. The courses required for or creditable toward each major are outlined below. Each student will select 14 hours of credit, including two credit hours for Seminar, from one of the listed majors. Starred subjects (*) required.

ACCOUNTING

Courses	Cr. Hrs.	Prerequisites
*Accounting 124	3	Accounting 43
*Cost Accounting 127	3	Accounting 22
Advanced Cost Accounting 128	3	Cost Accounting 127
Auditing 129	3	Accounting 124
Advanced Accounting 130	3	Accounting 124
Specialized Accounting Problems 131 and 132	6	Advanced Accounting 130
Income Tax 133	3	Consent of Instructor
Accounting Systems 135	3	Consent of Instructor
Accounting Seminar 140	2	

FINANCE

Courses	Cr. Hrs.	Prerequisites
*Money and Banking 103	3	Economics 42
Security Market 174	3	{ Money and Banking 103
*Investments 172	3	{ Business Finance 171
Public Finance 108	3	Business Finance 171
Risk Bearing and Insurance 157	3	Economics 42
Banking Practice and Management 176	3	{ Money and Banking 103
Problems in Finance 178	3	{ Money and Banking 103
Finance Seminar 180	2	{ Business Finance 171

ADVERTISING AND MARKETING

Courses	Cr. Hrs.	Prerequisites
*Advertising 185	3	
*Sales Administration 190	3	Marketing 183
Retailing 192	2	Marketing 183
Advanced Advertising 186	3	Advertising 185
Market Analysis 196	3	Marketing 183
Commercial Art	4	
Advertising and Marketing Seminar 198 ...	2	
Problems in Marketing 294	3	

MANAGEMENT

Courses	Cr. Hrs.	Prerequisites
*Cost Accounting 127	3	9 hours of Accounting
*Sales Administration 190	3	Marketing 183
Purchasing 189	2	Business Administration 61
Personnel Administration I. E. 154	3	Business Administration 61
Personnel Management 164	3	Business Administration 61
Industrial Management Problems I. E. 156. 3	3	Personnel Administration I. E. 154
Management Seminar 170	2	

GENERAL BUSINESS

Courses	Cr. Hrs.	Prerequisites
*Advertising 185	3	
Cost Accounting 127	3	9 hours Accounting
Purchasing 189	2	Economics 42
Problems in Finance 178	3	Business Finance 171
*Sales Administration 190	3	Marketing 183
Personnel Management 164	3	Business Administration 61
Transportation 155	3	Economics 42
General Business Seminar 160	2	

- 125-126. ENGINEERING ACCOUNTING. 3 credits each semester. 1937-38 and alternate years.
127. COST ACCOUNTING. First semester. 3 credits. Prerequisite, 43.
228. ADVANCED COST ACCOUNTING. Second semester. 3 credits. Prerequisite, 127. 1937-38 and alternate years.
229. AUDITING. First semester. 3 credits. Prerequisite, 44. 1936-37 and alternate years.
230. ADVANCED ACCOUNTING. Second semester. 3 credits. Prerequisite, 44 or equivalent.
- 231-232. SPECIALIZED ACCOUNTING PROBLEMS. 3 credits each semester. Prerequisite, 230. Open to Accounting Majors and by permission of the instructor.
233. INCOME TAX. 3 credits. Prerequisite, 44. Given in alternate years.
234. ADVANCED INCOME TAX. 3 credits. Prerequisite, 233.
235. ACCOUNTING SYSTEMS. 3 credits. Prerequisite, 230. Given only when demand warrants.
- 141-142. BUSINESS LAW. 3 credits each semester.
144. LAW OF CREDIT AND COLLECTIONS. Second semester. 2 credits.
146. REAL ESTATE LAW. Second semester. 2 credits.
147. STATISTICS. Either semester. 4 credits. Prerequisite, Economics 42.

248. ADVANCED STATISTICS. 3 credits. Prerequisite, 147. Given only when demand warrants.
155. TRANSPORTATION. First semester. 3 credits. Prerequisite, Economics 42.
156. FOREIGN TRADE. Second semester. 3 credits. Prerequisite, Economics 42.
157. RISK BEARING AND INSURANCE. First semester. 3 credits. Prerequisite, Economics 42.
162. BUSINESS MANAGEMENT. Second semester. 3 credits. Prerequisite, Business Administration 61.
164. PERSONNEL MANAGEMENT. 3 credits. Prerequisite, Business Administration 61. Given only when demand warrants.
268. BUSINESS POLICY. Second semester. 3 credits. Required of all Commerce seniors.
171. BUSINESS FINANCE. First semester. 3 credits. Prerequisite, Money and Banking 103.
172. INVESTMENTS. Second semester. 3 credits. Prerequisite, 171.
274. SECURITY MARKETS. Second semester. 3 credits. Prerequisite, 171.
176. BANKING PRACTICE AND MANAGEMENT. 3 credits. Prerequisite, Money and Banking 103. Given only when demand warrants.
278. PROBLEMS IN FINANCE. Second semester. 3 credits. Prerequisite 171.
183. MARKETING. First semester. 3 credits. Open to juniors. Prerequisite, Economics 42.
185. PRINCIPLES OF ADVERTISING. Either semester. 3 credits.
186. ADVANCED ADVERTISING. Second semester. 3 credits. Prerequisite, 185.
189. PURCHASING. 2 credits. Given only when demand warrants.
190. SALES ADMINISTRATION. Second semester. 3 credits. Prerequisite, 183.
192. RETAILING. Second semester. 3 credits. Prerequisite, junior standing or consent of instructor.
294. PROBLEMS IN MARKETING. Second semester. 3 credits. Prerequisite, 183. Given in alternate years.
296. MARKET ANALYSIS. Second semester. 3 credits. Prerequisite, 190, or equivalent.
- 297-298. SEMINAR. A year course. 2 credits.

ECONOMICS

PROFESSOR O'HARA, ASSISTANT PROFESSOR FORD

Students emphasizing Economics in their field of concentration (formerly known as economics majors) are expected to take at least 24 hours of work in the field of Economics. The courses included in this requirement are determined by the needs and interests of the individual student. In order to insure the best possible sequence of courses to meet the objectives of the student, it is important: (1) that the student select his field of concentration as early as possible in his course, and (2) that he consult the head of his department promptly and arrange his tentative program for the remaining years of his course.

The following courses are accepted in meeting the requirements for a degree in Economics. Except as indicated, all have as prerequisites Economics 41 and 42 or 44 (offered in the General College). In special cases, these prerequisites may be modified. Courses 147, 155, 156, 171 and 183 are given in the Commerce Department.

For General College courses recommended but not required, see General College section.

103. MONEY AND BANKING. First semester. 3 credits.

106. LABOR PROBLEMS. Second semester. 3 credits.

108. PUBLIC FINANCE. Second semester. 3 credits.

141. ANALYTICAL ECONOMICS. First semester. 3 credits.

An intensive and critical study of the leading principles of value and distribution.

147. STATISTICS. Either semester. 4 credits.

155. TRANSPORTATION. First semester. 3 credits.

156. FOREIGN TRADE. Second semester. 3 credits.

171. BUSINESS FINANCE. First semester. 3 credits. Prerequisite, 103.

183. MARKETING. First semester. 3 credits.

Courses 147, 155, 156, 171, 183 are given in the Commerce Department.

204. MONETARY AND BANKING POLICY. Second semester. 3 credits. Prerequisite, 103.

291. ECONOMIC CYCLES. First semester. 3 credits.

293. DEVELOPMENT OF ECONOMIC THOUGHT. First semester. 3 credits.

294. CONTEMPORARY ECONOMIC THOUGHT. Second semester. 3 credits. Prerequisite, 293.

A critical study of recent and contemporary economic ideas as they are found in the works of leading economists in the United States and Europe.

298. SEMINAR IN ECONOMICS. Second semester. 1 credit.

The seminar is for the purpose of coordinating and synthesizing the work in the major field. Required of all candidates for the degree in Economics.

HISTORY

PROFESSOR GARDNER, ASSOCIATE PROFESSOR SAPPINGTON,
MR. MOORE, MR. GRIMES

General Final Examination: In order to be recommended for a degree, students emphasizing History in the Division of Social Sciences will be required to pass a general final examination covering Historiography and four of the following fields: Ancient, Medieval European, Modern European, American, American Colonial.

111. ORIENTAL AND GREEK CIVILIZATION. First semester. 3 credits.

112. ROMAN CIVILIZATION. Second semester. 3 credits.

125. AMERICAN FRONTIER. First semester. 3 credits.
A study of the motives which have influenced the frontier movements in the United States; the expansion of the American frontier and its effect upon American civilization. 1937-38 and alternate years.

145. EUROPE 1870-1914. First semester. 3 credits. 1936-37 and alternate years.

146. RECENT EUROPE. Second semester. 3 credits.

151-152. ENGLISH HISTORY. 3 credits each semester. 1937-38 and alternate years. No credit toward graduation given unless 152 is completed.

217. EARLY MEDIEVAL CIVILIZATION. First semester. 3 credits. 1936-37 and alternate years.

218. LATER MEDIEVAL CIVILIZATION. Second semester. 3 credits. 1936-37 and alternate years.

221. AMERICAN COLONIAL HISTORY. First semester. 3 credits. 1936-37 and alternate years.

222. FOUNDATIONS OF AMERICAN NATIONALITY. Second semester. 3 credits. 1936-37 and alternate years.

223. UNITED STATES IN THE NINETEENTH CENTURY. First semester. 3 credits.

The pre-Civil War period and the Reconstruction will be studied intensively, followed by a detailed consideration of certain primary problems in American development in the latter part of the nineteenth century, such as finance, the Granger Movement, the tariff, civil service, labor and populism, industrial control, etc. 1937-38 and alternate years.

224. RECENT UNITED STATES. Second semester. 3 credits.
The twentieth century in the United States will be studied intensively, with special attention to such matters as the progressive movement, advance of social reform, the World War, post-war debts and reparations, the "golden age," and the "New Deal." 1937-38 and alternate years.
241. FRENCH REVOLUTION. First semester. 3 credits.
242. HISTORIOGRAPHY. Second semester. 3 credits.

HOME ECONOMICS

PROFESSOR SWIFT, ASSISTANT PROFESSOR LATHROP

Home Economics is a program of studies based on sound fundamental training in the physical, biological, and social sciences, with the application of this to living; and this involves living with others.

For subjects that Home Economics majors must take in the General College, see General College section.

Three majors in Home Economics are offered:

Foods and Nutrition Major, planned for those students whose professional interest may point to such commercial work as that of food analyst, nutritionist, camp director, or demonstrator, or whose interest may be in the many individual feeding idiosyncrasies. The field is rich for both men and women.

Clothing or Textile Major, for students who wish to prepare themselves to follow some line of clothing work in the commercial field. Students may begin work on this major in the freshman year.

General Home Economics Major, a non-professional major planned for students who wish a broad cultural background with the emphasis on effective home living.

Following are the Home Economics subjects required in the Upper College for the respective majors:

FOODS AND NUTRITION

Third Year

	Cr. Hrs.		Cr. Hrs.
Advanced Foods 115	3	Advanced Foods 116	3
Nutrition 119	3	Nutrition 120	3
		Clothing 22	4

Fourth Year

Child Development	3
Home Economics Education	3

TEXTILES AND CLOTHING

Third Year

	Cr. Hrs.		Cr. Hrs.
Advanced Clothing 105	3	Advanced Clothing 106	3
		Home Management 122	3

Fourth Year

Advanced Textiles 107	3	Advanced Textiles 108	3
Child Development 125	3		
Historic Costume 117	3		
Selection of House Furnishings 113	3		

GENERAL COURSE

Third Year

	Cr. Hrs.		
Nutrition 119	3	Nutrition 120	3
Advanced Foods 115	3	Advanced Foods 116	3
		Home Management 122	3

Fourth Year

Child Development 125	3
Selection of House Furnishings 113	3

105-106. ADVANCED CLOTHING. 3 credits each semester.

107-108. ADVANCED TEXTILES. 3 credits each semester.

115-116. ADVANCED FOODS. 3 credits each semester. Prerequisite, 45-46. 1937-38 and alternate years. Fee, \$4 each semester.

117. HISTORIC COSTUME. First semester. 3 credits.

This course aims to develop an appreciation of the relation of the development of costume to present-day designing and consumption. It also presents source material for designing costumes for school plays and pageants.

113. SELECTION OF HOUSE FURNISHINGS. First semester. 3 credits. An analysis of factors influencing the choice of home furnishings in relation to quality, design, and cost.

119-120. NUTRITION. 3 credits each semester. 1937-38 and alternate years. Credit not given for less than the full year's work.

122. HOME MANAGEMENT. Second semester. 3 credits.

125. CHILD DEVELOPMENT. First semester. 3 credits.

151. HOME ECONOMICS EDUCATION. 3 credits.

Placement, content and emphasis of Home Economics in school to meet the changing conditions of family life and the social order. Direction in observation.

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSOCIATE PROFESSOR SHERMAN,
ASSISTANT PROFESSOR KING

Students emphasizing political science in their field of concentration are expected to have at least 24 hours in the field of political science.

Prerequisites: At least three hours of political science in the General College are required. These three hours may be selected from four courses, any one of which will satisfy the requirement: American National Government 41, American State and Local Government 42, Comparative Government 43, and American Diplomacy 44.

101. MUNICIPAL GOVERNMENT. First semester. 3 credits.

102. MUNICIPAL ADMINISTRATION. Second semester. 3 credits.

103. POLITICAL PARTIES. First semester. 3 credits.

104. POLITICAL THEORY. Second semester. 3 credits.

107. MUNICIPAL FINANCE. Second semester. 3 credits.

108. PARLIAMENTARY AND LEGISLATIVE PROCEDURE. Second semester. 3 credits.
109. GOVERNMENT AND SOCIAL WELFARE. First semester. 3 credits.
110. GOVERNMENT AND BUSINESS. Second semester. 3 credits.
111. INTERNATIONAL RELATIONS. First semester. 3 credits.
112. INTERNATIONAL LAW. Second semester. 3 credits.
113. PUBLIC ADMINISTRATION. First semester. 3 credits.
205. CONSTITUTIONAL LAW. First semester. 3 credits.
206. MUNICIPAL CORPORATIONS. Second semester. 3 credits.
214. SEMINAR. Second semester. 3 credits.

SECRETARIAL SCIENCE

PROFESSOR DOUTT, ASSISTANT PROFESSOR FLINT, MISS TENNEY,
 MRS. SELF, MISS COHEN, MRS. LEISY, MRS. HINE,
 MISS REED, MISS DODGE

Students interested in preparing themselves for the higher grade secretarial and office positions may choose between two programs offered in Secretarial Science: a two-year certificate course, listed in the General College, and a four-year course which is essentially a combination of the technical work required in business and the broad cultural education needed for effective living. Considerable latitude is allowed for the planning of each individual's program to meet his particular needs.

Admission: Admission to the department is open to all who have satisfactorily met the requirements of the Division of Social Sciences and who have completed one year of Shorthand and Typewriting (Courses 41-42 and 51-52 or equivalent). However, it is advisable to elect in the General College the following courses also: Secretarial Theory 21, Office Methods 26, and Accounting 41-42 or 21-22.

Requirements for Graduation: In addition to the regular requirements of the University for graduation, students must pass a general final examination (field of specialization only) in the senior year, and must complete satisfactorily the following courses: Secretarial Science 21, 26, 41-42, 51-52, 133, 143-144 (or 63-64 and 73-74) 165-166, 293, 296; Commerce 41-42 (or 21-22), 61, and 51 (or 141-142); and Economics 41-42.

Shorthand and Typewriting: Those who have had Shorthand and Typewriting before entrance will begin these courses in college at such point as their degree of proficiency permits, and approved electives, preferably academic subjects, will be taken in place of the Shorthand and Typewriting omitted in the college course.

Credit for college work in either Shorthand or Typewriting is indicated by the following table:

High School Credits	Course Entered in College	Credit Given
1 year	Second semester	Full credit
	First semester	No credit
2 years	Second year	Full credit
	First year	No credit

FOUR YEAR PROGRAM

A program for students specializing in this field should include:

GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Secretarial Theory 21	3	Office Methods 26	3

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Shorthand Theory 41	3	Shorthand Theory 42	3
Typewriting 51	2	Typewriting 52	2
Accounting 41 or 21	3	Accounting 42 or 22	3

UPPER COLLEGE

THIRD YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Intermediate Dictation 143	4	Intermediate Dictation 144	4
Economics 41	3	Economics 42	3
Business Law 51	3	Business Administration 61	3
Business Correspondence 133	3		

FOURTH YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Advanced Dictation 165	4	Advanced Dictation 166	4
Office Practice 193	3	Office Organization and Management 196	3

133. BUSINESS CORRESPONDENCE. Either semester. 3 credits. Prerequisite, English 2.
- 143-144. INTERMEDIATE DICTATION. 4 credits each semester. Prerequisite, 42 and 52 or equivalent.
- 165-166. ADVANCED DICTATION. 4 credits each semester. Prerequisite, 144 (or 63-64 and 73-74 with only 8 hours credit allowed) or equivalent.
186. ADVANCED DICTATION. Second semester. 2 credits. Prerequisite, 85 or equivalent.
- 187-188. ADVANCED DICTATION. 3 credits each semester. Prerequisite, 186 or equivalent.
293. OFFICE PRACTICE. First semester. 3 credits. Prerequisites, 26, 42, and 52. Not offered in 1936-37.
296. OFFICE ORGANIZATION AND MANAGEMENT. Second semester. 3 credits. Prerequisites, 21, 26, and Commerce 61.

SOCIOLOGY

PROFESSOR DEGRAFF, MISS VOGES, MR. KRUSE

For General College courses recommended but not required, see General College sections.

Students emphasizing Sociology in their field of concentration (formerly known as Sociology majors) are expected to take 24 hours in the field of Sociology. The courses in this requirement are selected with special reference to the needs of the individual student. In special cases, either more or less than the 24 hours may be required.

Students emphasizing Social Welfare work as their field of concentration are required to take Field Work, 111-112; Technique of Social Case Work 251-252; Theory of Social Work, 221; Government and Social Welfare, 109; Sanitation, 103-104; Community Organization, 206; Child Welfare, 117. Specific courses in Economics, Home Economics, and Biology are also recommended.

Students may do their supervised field work with the Summit County Children's Home, the Family Service Society, the Juvenile Court, or the City Hospital.

A course in Statistics is recommended for all students.

The following courses count toward the 24-hour requirement. The courses all have Sociology 41 and 42 (offered in the General College) as a prerequisite. However, with permission of the head of the department, the prerequisite may be taken collaterally with these courses.

Courses 251-252, 221, and 117 are planned to meet the needs of both University students and field workers in social agencies and institutions in the city.

COURSES OFFERED EACH YEAR

- 109-110. SEMINAR AND THESIS. 2 credits each semester. For seniors only. Required.
- 251-252. TECHNIQUE OF SOCIAL CASE WORK. 2 credits.
- 111-112. FIELD WORK. 3 credits for 150 hours of work. For seniors only.

COURSES OFFERED 1937-38 AND ALTERNATE YEARS

- 213. THE JUVENILE DELINQUENT. First semester. 3 credits.
- 113. URBAN-RURAL SOCIOLOGY. First semester. 2 credits.
- 45. SOCIAL ANTHROPOLOGY. First semester. 3 credits.
- 117. CHILD WELFARE. First semester. 3 credits.
- 217. RACE RELATIONS. First semester. 3 credits.
A study of race from the biological, psychological, and sociological points of view with special reference to the negro.
- 204. THE FAMILY. Second semester. 3 credits.
- 104. LEADERSHIP. Second semester. 2 credits.
- 206. COMMUNITY ORGANIZATION. Second semester. 3 credits.

COURSES OFFERED 1938-39 AND ALTERNATE YEARS

- 205. THE SOCIOLOGY OF LEISURE TIME. First semester. 3 credits.
- 207. SOCIAL THEORY. First semester. 2 credits.
- 221. THEORY OF SOCIAL WORK. First semester. 3 credits.
- 114. CRIMINOLOGY. Second semester. 3 credits.
- 208. SOCIAL ORIGINS. Second semester. 2 credits.
- 210. POPULATION MOVEMENTS. Second semester. 3 credits.

THE NATURAL SCIENCE DIVISION

OBJECTIVES OF THE NATURAL SCIENCE DIVISION

1. To acquaint the student with the various fields of science as an aspect of world culture.
2. To prepare the student for further training in the graduate, professional, and technical schools.
3. To provide that still larger group who either do not desire or are unable to continue their academic training, with such knowledge, techniques, and skills as will enable them to become competent citizens.
4. To make technical service and information available to the city and its industries through the libraries and laboratories of the Division.

BIOLOGY

PROFESSOR KRAATZ, ASSISTANT PROFESSORS FOX, ACQUARONE,
AND JONES

Students selecting Biological Science as their field of concentration must secure a minimum of 36 credits, though often 40 to 44 credits may be advisable.

Students who expect to enter the medical school must take the Pre-Medical course, which includes 32 credits of certain biological courses.

The student concentrating in the biological field must include General Zoology and General Botany, which are both in the General College. Either can be taken in the freshman year, and the other in the sophomore year, or both in the sophomore year. If one of these is deferred until the junior year, it will be impossible to work in a sequence of advanced courses in that science in the remaining year.

The trend in this field of biological sciences in the Upper College may be in three directions: (1) General Biological, which may include any combination of Upper College biology courses, but including Biology Seminar; (2) Zoological, which must include Biology Seminar, General Genetics, Human Physiology (unless the Pre-Medical course in General Physiology is preferred) and at least two of the following: Entomology, Vertebrate Anatomy, Vertebrate Embryology, and Organic Evolution; (3) Botanical, which must include Biology Seminar, Field Botany, Plant Physiology, and either General Genetics or at least one semester of Bacteriology.

Biological Problems, one or more credits a semester, is open to seniors who desire to work on some definite problem, a type of minor research. Such credit is ordinarily beyond the minimum of 36.

The course in Geology in the General College is not counted in the biology major, but is advised as an elective.

Required work in other departments of the Science Division comprises 2 years or 16 credits of Chemistry. This includes Chemistry 21-22, and either the combination of Organic Chemistry 44 and 107 or Organic Chemistry 55 and Physiological Chemistry 56. Required outside of the division are: 2 years of German, one semester of Psychology, and one semester of Sociology. Recommended are a year of Physics and a year of Mathematics.

General Final Examination: All students making Biology their field of concentration, and also those taking the Pre-Medical course, are required to pass a general final examination covering in a comprehensive way all work taken in the department.

107-108. BACTERIOLOGY. 4 credits each semester. Prerequisite 61-62 or 51-52, or the consent of the instructor.

The laboratory work in 61-62 or 51-52 is not required in the case of advanced home economics and chemistry majors, nurses, etc. Some knowledge of chemistry is essential. Required of Pre-Medical students. Laboratory fee, \$7.50 per semester; breakage fee, \$5 per semester.

113-114. FIELD BOTANY. 3 credits each semester.

May be taken to follow course 51-52, or with consent of instructor without 51-52 prerequisite. 1936-37 and alternate years. Laboratory fee, \$4.00 per semester.

215-216. PLANT PHYSIOLOGY. 4 credits each semester.

Prerequisite, 51-52 and knowledge of general chemistry and preferably also organic chemistry. 1937-38, and alternate years. Fee, \$6.00 per semester.

218. PLANT ANATOMY. Second semester. 4 credits.

Prerequisite, 51-52. Not given in 1937-1938. Laboratory fee, \$4.00.

135-136. HUMAN PHYSIOLOGY. 3 credits each semester.

This course meets the requirement for physiology in the Home Economics course, and is also open to biology majors. 1937-38 and alternate years. Two class periods and one laboratory period per week. Laboratory fee, \$4.00 per semester.

235-236. GENERAL PHYSIOLOGY. 3 credits each semester.

Required of Pre-Medical students. Prerequisite, General Zoology 61-62, General Chemistry, and Organic Chemistry. 1936-37 and alternate years. Two class periods and one 3-hour laboratory per week. Laboratory fee, \$4.00 per semester.

144. GENERAL ENTOMOLOGY. Second semester. 4 credits.

Prerequisite, 61-62. 1937-38 and alternate years. Laboratory fee, \$4.00.

146. GENERAL GENETICS. Second semester. 3 credits.

For biology majors. 1937-38 and alternate years. May be taken by advanced sociology majors and certain others with consent of the instructor without the departmental laboratory science requirement. Fee \$1.00.

148. HUMAN GENETICS. Second semester. 2 credits.

For Pre-Medical students. 1936-37 and alternate years. May be taken by advanced sociology majors and certain others with the consent of the instructor without the departmental laboratory science requirement. Fee \$1.00.

151. ORGANIC EVOLUTION. First semester. 3 credits.
Prerequisite, 61-62 or 51-52, preferably 61-62, as the course is primarily animal evolution. 1937-38 and alternate years.

155. VERTEBRATE ANATOMY. First semester. 4 credits.
Required of Pre-Medical students. Prerequisites, 61-62. Laboratory fee, \$10.00.

256. EMBRYOLOGY OF VERTEBRATES. Second semester. 4 credits.
Required of Pre-Medical students. Prerequisite, 155. 1936-37 and alternate years. Laboratory fee, \$7.50.

265. BIOLOGY SEMINAR. First semester. 3 credits.
Required of all biology major seniors; not required of Pre-Medical students in 1937 or thereafter.

267-268. BIOLOGICAL PROBLEMS. 1 or more credits each semester.
Two continuous semesters are advisable. Open to seniors. Laboratory fee, \$2.00 per credit.

PRE-MEDICAL COURSE

For prerequisites, see General College section.

GENERAL COLLEGE

FIRST YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
English 1	3		English 2	3	
Hygiene and Physical Education 3	3		Hygiene and Physical Education 4	3	
Introd. to Social Science 5	3		Introd. to Social Science 6	3	
Mathematics 21	4		Mathematics 22	3	
Inorganic Chemistry 21	4		Inorganic Chemistry 22	4	
R. O. T. C. (men)	1		R. O. T. C. (men)	1	
17 or 18			16 or 17		

SECOND YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
Introd. to Natural Science 9	3		Introd. to Natural Science 10	3	
General Zoology 61	4		General Zoology 62	4	
Qualitative Analysis 43	5		Organic Chemistry (Elem.) 44	4	
Introduction to Humanities 7	3		Introduction to Humanities 8	3	
R. O. T. C. (men)	1		Psychology 41	3	
15 or 16			17 or 18		

UPPER COLLEGE

THIRD YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
Vertebrate Anatomy 155	4		Vertebrate Embryology 256	4	
Organic Chemistry (Int.) 107	4		Elective	3 or 4	
Physics 51	4		Physics 52	4	
German 21	4		German 22	4	
16			15 or 16		

FOURTH YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
Physiology 235	3		Physiology 236	3	
Bacteriology 107	4		Bacteriology 108	4	
Physics (Light) 53	4		Human Genetics 148	2	
Quantitative Analysis 105	4		Quantitative Analysis 106	4	
German 43	3		German 44	3	
18			16		

CHEMISTRY

PROFESSOR COOK, ASSISTANT PROFESSORS CRAMER, COOL,
HAAS, AND ANDERSON

Fellows in Rubber Chemistry: MR. ONEACRE (Firestone) AND
MR. FORSTER (Goodyear)

In order that a student be properly qualified for admission to the prescribed work (listed below) in the Upper College, he must have completed in the General College the required courses in general education and in addition the following or their equivalent: Algebra and Trigonometry, 7 hours; Analytics and Calculus, 10 hours; Chemistry 21-22, 8 hours; Chemistry 43, 5 hours; Chemistry 44, 4 hours.

Fees: In addition to laboratory fees, a deposit of \$5.00 for breakage is required in each course.

The following program goes into effect 1937-38:

THIRD YEAR	Cr. Hrs.	FOURTH YEAR	Cr. Hrs.
Introductory Physics 51-52	8	Advanced Physics 53 and elective ...	8
Intermediate Organic 107	4	Physical Chemistry 213-214	8
Advanced Organic 108	4	Special Topics 209	3
Quantitative Analysis 105-106	8	Industrial Chemistry	2
Chemical Calculations 118	2	Scientific German	4
German 21-22	8		

- 105-106. QUANTITATIVE ANALYSIS. 4 credits each semester. Prerequisite, 43-44. Laboratory fee, \$10 per semester.
107. INTERMEDIATE ORGANIC CHEMISTRY. First semester. 4 credits. Prerequisite, 44. Laboratory fee, \$10 per semester.
108. ADVANCED ORGANIC CHEMISTRY. Second semester. 4 credits. Prerequisite, 107. Laboratory fee, \$10.
118. CHEMICAL CALCULATIONS. Second semester. 2 credits. Prerequisite, 43-44.
- 131-132. ENGINEERING CHEMISTRY. See Engineering College.
- 133-134. METALLURGY. See Engineering College.
- 209-210. ADVANCED ORGANIC CHEMISTRY. 3 credits each semester. Prerequisite, 8. Laboratory fee, \$8 per semester. Discontinued after 1937-38.
- 213-214. PHYSICAL CHEMISTRY. 5 credits each semester. Prerequisites, 106-107 and Physics 51-52. Laboratory fee, \$8 per semester.
- 215-216. CHEMISTRY OF RUBBER TECHNOLOGY. 4 credits each semester. Prerequisites, 106-107. Laboratory fee, \$15 per semester.

- 307-308. ORGANIC ANALYSIS, QUALITATIVE OR QUANTITATIVE. 2 credits each semester. Prerequisites, 106 and 108. Laboratory fee, \$8 per semester.
- 313-314. CHEMICAL THERMODYNAMICS. 2 credits each semester. Prerequisites, 214 and Calculus.
- 315-316. RESEARCH. 3 credits each semester. The fee varies according to the number of hours elected. Open to properly qualified students.
- 321-322. ADVANCED INORGANIC PREPARATIONS. 2 credits each semester. Prerequisites, 106-107, 214. Laboratory fee, \$8 per semester.
324. COLLOID CHEMISTRY. Second semester. 2 credits. Prerequisites, 108 and 214.

Courses 313-314, 321-322, and 324 are offered only when the demand warrants.

The following courses will be offered beginning 1938-39.

209. SPECIAL TOPICS (ORGANIC). First semester. 3 credits.
250. INDUSTRIAL CHEMISTRY. Second semester. 2 credits.

MATHEMATICS

PROFESSOR JONES, ASSOCIATE PROFESSORS BENDER AND SELBY,
ASSISTANT PROFESSOR LIPSCOMBE

All students whose work of concentration lies in the Division of Natural Science, except those in the Biological Sciences, must have taken in the General College Mathematics 21, 22, 43-44, 45-46.

Students preparing to teach Mathematics, or who expect to take some engineering courses, must take Physics.

104. HISTORY OF MATHEMATICS. Second semester. 3 credits. Prerequisite, 21-22 or 31-32. 1936-37 and alternate years.
105. HISTORY OF MATHEMATICS. Summer session. 2 credits. Prerequisite, 21-22 or 31-32.
114. PRACTICAL MATHEMATICS. Second semester. 3 credits. Prerequisite, 46 or 56. 1937-38 and alternate years.

121. MATHEMATICS OF INSURANCE. First semester. 3 credits. Prerequisite, 58 or 59. 1936-37 and alternate years.
- 125-126. ASTRONOMY. 2 credits each semester. Prerequisite, 21-22 or 31-32. 1937-38 and alternate years.
- 201-202. ADVANCED CALCULUS. 2 credits each semester. Prerequisite, 46 or 56. 1937-38 and alternate years.
- 203-204. DIFFERENTIAL EQUATIONS. 2 credits each semester. Prerequisite, 46 or 56. 1936-37 and alternate years.
205. THEORY OF EQUATIONS. First semester. 3 credits. Prerequisite, 46 or 56. 1937-38 and alternate years.
206. HIGHER GEOMETRY. Second semester. 3 credits. Prerequisite, 46 or 56. 1936-37 and alternate years.
207. HIGHER ALGEBRA. First semester. 3 credits. Prerequisite, 46 or 56. 1936-37 and alternate years.

PHYSICS

PROFESSOR HOUSEHOLDER,
ASSISTANT PROFESSORS FOUTS AND GRAY

Students who desire to elect Physics as their field of concentration should elect at least eight hours of Mathematics and eight hours of Physics in the General College. In addition to this it will be necessary to have another year of each unless they have removed part of the requirement in Chemistry or in German. Students who plan to continue their academic training in the graduate school should elect Physics 51, 52, 53, and Mathematics through the Calculus. Students who are more interested in the applications of Physics would find courses 21-22-43 and 44 more suited to their needs. They should also elect two years of Mathematics in the General College. Such students may substitute Engineering courses for the German. A total of 35 hours of Physics including the courses offered in General College and Physics 145, 203, 209-210 and 221-222, together with Chemistry 21, 22, 43 and 44 and the Calculus, are required. No student may be admitted unconditionally into the Upper Division, who has not satisfied all of the requirements of the General College.

The following schedule is suggested in order to facilitate the better sequence of courses: Third year—Physics 145 and 206; Chemistry 21 and 22; either German or Engineering 125 and 126, or 188 and 190; and electives. Fourth year—Physics 209, 210 and 221, 222; Chemistry 43-44, Analysis and Elementary Organic; Scientific German, or Engineering 105, 106, or 185, 186; and electives.

145. APPLIED MECHANICS. First semester. 3 credits. Prerequisites, Physics 44, Calculus.
- 203-304. ADVANCED ELECTRICITY AND MAGNETISM. 4 credits each semester. Prerequisites, Physics 44 (or 52) and Calculus. Laboratory fee, \$2 per semester.

- 209-210. ADVANCED PHYSICAL MEASUREMENTS. 2 credits each semester. A thesis course. Laboratory fee, \$4 per semester.
- 221-222. COLLOQUIUM. 1 credit each semester.
302. THEORETICAL MECHANICS. Second semester. 3 credits. Prerequisites, Physics 145 and Differential Equations.
306. PHYSICAL OPTICS. Second semester. 4 credits. Prerequisites, Physics 203, 204, and Calculus. Laboratory fee, \$2 per semester.
- 307-308. ATOMIC STRUCTURE. 3 credits each semester. Prerequisites, Physics 203-304.
- 311-312. THERMODYNAMICS. 3 credits each semester.
314. X-RAYS. 4 credits. Prerequisites, Physics 53 and 203, and Calculus. Three lectures and one laboratory period per week. Laboratory fee, \$2.

MILITARY SCIENCE AND TACTICS

RESERVE OFFICERS' TRAINING CORPS

MAJOR ROSSER L. HUNTER, INFANTRY, PROFESSOR; MAJOR ERNEST C. GODING, INFANTRY, ASSISTANT PROFESSOR; MAJOR MERL L. BRODERICK, INFANTRY, ASSISTANT PROFESSOR; STAFF SERGEANT WILLIAM E. BROWN, DEML, INSTRUCTOR; SERGEANT PHIL LOFINK, DEML, INSTRUCTOR

ADVANCED COURSE

This course consists of five hours per week (three hours' credit per semester) during the junior and senior years. It is open to all students who have satisfactorily completed the basic course, provided they have been selected by the President of the University and the Professor of Military Science and Tactics. A deposit of \$10 is required, which is returned to the student when he has United States pay credits sufficient to cover the cost of his uniform. During this course the government not only furnishes uniforms and equipment, but also allows commutation of subsistence, which varies from time to time. On the satisfactory completion of the advanced course, if twenty-one years of age, the student is commissioned in the Army of the United States as a second lieutenant, Infantry Reserve. Promotions thereafter are made in accordance with Army Regulations governing the Organized Reserve.

The advanced course, once entered upon, must be completed as a prerequisite for graduation.

Instruction consists of theoretical class room work with proper preparation of subjects for recitations, and practical work either indoors or out, putting into execution the lessons learned in the class room.

SUMMER CAMPS

Attendance at one advanced R. O. T. C. camp of six weeks' duration, is required of all members of the advanced course. This camp should normally be attended between the first and second years of the advanced course. Mileage at the rate of 5 cents per mile is allowed for the journey to and from the camp, and pay at the rate of 70 cents per day, while in attendance at the camp, is allowed. Clothing, equipment, medical attention, and food are furnished at the camp.

In addition to the drills, target practice, maneuvers, etc., athletics, dances, and other social amusements play a part in the camp life.

FIRST YEAR ADVANCED		SECOND YEAR ADVANCED	
	Hours		Hours
Aerial Photograph Reading	12	Military History and Policy	30
Leadership	36	Military Law	14
Infantry Weapons	52	Company Administration	18
Combat Training	60	Officers Reserve Corps Regulations..	2
		Leadership	36
		Weapons	6
	160	Combat Training	54
			160

THE COLLEGE OF ENGINEERING

FRED E. AYER, C. E., *Dean*

GENERAL INFORMATION

The Directors of the University of Akron established the College of Engineering in 1914, and adopted the five-year co-operative course patterned after the "Cincinnati Plan."

THE CO-OPERATIVE PLAN

The essential features of co-operative education in any field are:

First, the underlying science is acquired in an educational institution under trained teachers.

Second, practical experience is acquired by working under commercial, competitive conditions.

Third, the acquisition of theory and practice proceeds concurrently. This means that the student must do his outside work while he is in college and not before he comes or after he leaves.

It follows from the foregoing that there are many types of truly co-operative plans in operation. They vary in the relative amounts of college and outside work, time of commencing practice, kinds of experience required and accepted, length of alternating periods, and many other details, and yet all include the three essential features.

Moreover, strict adherence to the fundamentals still leaves room for flexibility with which to meet changing industrial conditions. For example, the prevalence of the 24 to 36 hour week in Akron together with the four-shift plan made it both possible and desirable for students to work and attend college at the same time. Of course, their classroom load was adjusted correspondingly.

Employment conditions are now such that the alternating plan is preferable. Therefore, beginning in September, 1937, third year engineering students will alternate between work and school by nine-week periods.

While a student is at work he is subject to all rules and regulations imposed by his employer upon the other employees. All existing labor laws and conditions, including those pertaining to liability for accident, apply to the student in the same way as to any other employee.

ENGINEERING OPPORTUNITIES

The erroneous impression prevails in many quarters that an engineering graduate must practice his profession. The number of such graduates successfully pursuing other occupations indicates that engineering training adds to earning power in almost any field of endeavor.

Also, the profession itself offers a diversity of opportunities for those of widely variant inclinations. The sales engineer must be able to recommend the particular type and size of equipment which his customers' needs require. The production engineer must be able to understand and handle personnel and management problems. Design, development, research, and appraisal are some of the other subdivisions which are found in nearly every branch of engineering.

In order to conduct a co-operative course, the college must be located in or near an industrial center, and, while there are nearly a thousand colleges and universities in the United States, yet comparatively few of them are so located that such a course is practicable. Akron is essentially a manufacturing center, and this type of vocational education was selected as being the latest and the one best adapted to the city's needs; therefore no other courses in Engineering are offered.

OUTSIDE WORK

The Department of Co-ordination and the employer endeavor so to plan the work that the student gets a carefully graded training, beginning with work requiring no skill or experience and ending with actual professional work. This work is required and begins with the students' admission to the Upper College. The alternation is by nine-week periods until the last semester of the senior year, the whole of which is spent in college.

Each student's work assignment is an individual problem. Scholastic records, work reports, conferences, and shop visits are all utilized by co-ordinators in an effort to give each student the type of practical experience which best suits his particular needs. Weekly work reports are prepared in diary form and contain a daily account of the student's practical experience. These reports provide a constant check upon the student's progress in his outside employment.

The outside work, properly co-ordinated with the University training, furnishes a large part of the technical detail required in professional subjects.

WAGES

The object of requiring outside work is to give the student practical experience, not to enable him to earn money. The student's earnings are not sufficient to pay his expenses and he is frequently called upon to change practice jobs where the change means a decrease in salary.

Engineering students are paid for their outside work the same as other employees. Beginners are paid a little more than apprentices and are increased according to a rate agreed upon by the employer and the Department of Co-ordination. Students are paid only for the time actually employed, and receive their wages directly from their employer.

DEGREES

The degrees of Bachelor of Civil Engineering, Bachelor of Mechanical Engineering, Bachelor of Electrical Engineering, and Bachelor of Industrial Engineering, will be granted to those students who satisfactorily complete the required work of the respective courses of study. In addition to his diploma, each co-operative student will receive a certificate showing in detail his practical experience.

MILITARY SCIENCE AND TACTICS

Military training under the direct supervision of the United States Government is required of all male students physically fit. Men entering the College of Engineering are required to take the two-year basic course. All freshmen are urged to attend the basic camp at the end of the freshman year.

Students pursuing advanced R. O. T. C. are allowed to substitute military training (not over six hours of credit) for courses in the curriculum. These courses shall be selected by a committee composed of the Dean, head of the department in which the student is classified, and the professor of co-ordination.

PROMOTION

Students are promoted to Upper College work in the College of Engineering after satisfactory completion of two years of work in the General College as indicated in the program outlined on the next page. A minimum of 64 semester hours and 64 quality points is required for promotion.

ESTIMATED EXPENSE OF FIRST YEAR

FIRST SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 90.00
Fees	\$59.00	59.00
Books and Drawing Instruments	40.00	40.00
Total	\$99.00	\$189.00

SECOND SEMESTER

	Resident	Non-Resident
Tuition	Free	\$ 90.00
Fees	\$45.00	45.00
Books	8.00	8.00
Total	\$53.00	\$143.00

THE UNIVERSITY OF AKRON
 OUTLINE OF REQUIRED COURSES
 THE GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Science and Tactics	1	Military Science and Tactics	1
Hygiene and Physical Education 3..	3	Hygiene and Physical Education 4..	3
Physics 21 (Mechanics)	4	Physics 22 (Mechanics)	4
Math. 22 (Trigonometry)	3	Math. 21 (Algebra)	4
English Composition 21	3	English Composition 22	3
Drawing 21	2	Drawing 22	2
Surveying 21	1	Surveying 22	1

SECOND YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Military Science and Tactics	1	Military Science and Tactics	1
Intr. to Social Science 5	3	Intr. to Social Science 6	3
Math. 33 (Analytic Geometry)	2	Descriptive Geometry 44	3
Math. 55 (Diff. Calculus)	3	Math. 56 (Intg. Calculus)	3
Physics 43 (Electricity and Heat) ..	4	Physics 44 (Electricity, Light and Sound)	4
Personnel Problems 21	1	Shop Practice 50 or Plane Table Surveying 42	1
Shop Practice 49 or Plane Table Surveying 41	1	Introduction to Humanities 8	3
Introduction to Humanities 7	3		

THE COLLEGE OF ENGINEERING

PRE-JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Physics 145 (Applied Mechanics) ..	1½	Physics 146 (Applied Mechanics) ..	1½
Strength of Materials CE 105	1½	Strength of Materials CE 106	1½
Engineering Chemistry 131	3	Engineering Chemistry 132	3
Direct Current Circuits EE 127 ...	2	Direct Current Machinery EE 128 ..	2½
Industrial Engineering IE 147	1½	Industrial Engineering IE 148	1½
Introduction to Natural Sciences 9..	3	Introduction to Natural Sciences 10	3

JUNIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Strength of Materials CE 107	3	See the curriculum as listed in the various engineering departments.	
Hydraulics ME 184	2½		
Alternating Current Circuits EE 143	2		
Highways and Airports CE 109	1½		
Concrete Laboratory CE 112	1		

The first two years the student is enrolled in the General College, and attends classes full time. The third year, and thereafter, he enrolls in the Engineering College. During the third and fourth years, and the first semester of the fifth year, he attends classes one-half of each semester and works in industry the other half. The last semester of the senior year, he attends classes full time.

All of the above credit hours are on the full-time basis.

Fourth and fifth year students on the full-time plan will follow the curriculum listed in the 1936-37 catalog.

CIVIL ENGINEERING

PROFESSOR DURST, ASSOCIATE PROFESSOR BULGER

OUTLINE OF COURSES

JUNIOR YEAR

First Semester	Second Semester	Cr. Hrs.
See curriculum as outlined on page 92.	Roofs and Bridges CE 104	3
	Surveying CE 101	3
	Engineering Geology CE 110	2
	Elective	1½

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Structural Design CE 119	4½	Structural Design CE 120	9
Sanitary Engineering CE 115	3	Sanitary Engineering CE 116	3
Elective	1	Route Surveying CE 108	3
		Elective	2

All credit hours are based on an eighteen-week period.

The Junior and Senior years are on the co-operative basis with the exception of the second semester of the Senior year when the students are in school full time.

The above courses are required for the degree of Bachelor of Civil Engineering. In no case, however, will a degree be awarded until the student has passed, with necessary quality points, a minimum of 137 credit hours.

Fourth and fifth year students on the full-time plan will follow the curriculum listed in the 1936-37 catalog.

CIVIL ENGINEERING COURSES

101. SURVEYING. Second semester. 3 credits.
Prerequisites, Surveying 21 and 22. Laboratory fee \$2.00.
MR. DURST AND MR. BULGER
102. STRUCTURAL DRAWING. Second semester. 2 credits.
An elective course. MR. GRIFFIN
104. (103-104) ROOFS AND BRIDGES. Second semester. 3 credits.
MR. BULGER
- 105-106-107. (105-106) STRENGTH OF MATERIALS AND LABORATORY.
1½ credits each first and second semesters. 3 credits third
semester (Lab.) 9 weeks basis.
Prerequisites, Physics and Calculus. Laboratory (107) fee \$2.00.
MR. BULGER
108. ROUTE SURVEYING. Second semester. 3 credits.
Prerequisites, Surveying 101. Laboratory fee \$2.00. MR. DURST
109. (107) HIGHWAYS AND AIRPORTS. First semester. 1½ credits.
MR. DURST
110. ENGINEERING GEOLOGY. Second semester. 2 credits.
MR. DURST
112. CONCRETE LABORATORY. First semester. 1 credit.
Laboratory fee \$1.00. MR. DURST
115. SANITARY ENGINEERING (Water Supply). First semester.
3 credits.
Prerequisite, Hydraulics. MR. DURST

116. SANITARY ENGINEERING (Sewerage). Second semester.
3 credits.
Prerequisite, Hydraulics. MR. DURST
119. (114) STRUCTURAL ENGINEERING (Design of Steel Structures). First semester. $4\frac{1}{2}$ credits.
Prerequisites, CE105-106-107. MR. BULGER
120. (113-117-118). STRUCTURAL ENGINEERING (Design of Engineering Structures). Second semester. 9 credits.
Prerequisites, CE119. MR. BULGER

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, ASSISTANT PROFESSOR SMITH

OUTLINE OF COURSES

JUNIOR YEAR

First Semester	Second Semester	Cr. Hrs.
See curriculum as outlined on page 92.	Machine Drawing ME 176	2
	Alternating Current Machinery	
	EE 144	$2\frac{1}{2}$
	Steam Power Plants ME 185	2
	Advanced Direct Current Circuits	
	EE 138	$3\frac{1}{2}$

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Advanced Direct Current Machinery		Advanced Alternating Current Machinery and Power Transmission	
EE 133	4	EE 140	5
Advanced Alternating Circuits and Equipment EE 139	3	Radio Communication EE 137	4
Advanced Alternating Circuits and Equipment EE 141	3	Special Electrical Engineering Problems EE 142	6
		Elective	3

All credit hours are based on an eighteen-week period.

The Junior and Senior years are on the co-operative basis with the exception of the second semester of the Senior year when the students are in school full time.

The above courses are required for the degree of Bachelor of Electrical Engineering. In no case, however, will a degree be awarded until the student has passed, with necessary quality points, a minimum of 137 credit hours.

Fourth and fifth year students on the full time plan will follow the curriculum listed in the 1936-37 catalog.

ELECTRICAL ENGINEERING COURSES

127. (129) DIRECT CURRENT CIRCUITS. First semester. 2 credits.
Three recitations and one three-hour laboratory period.
Prerequisite, Physics 43. Laboratory fee \$2.00. MR. WALTHER
128. (131) DIRECT CURRENT MACHINERY. Second semester.
 $2\frac{1}{2}$ credits.
Three recitations and one four-hour laboratory period.
Prerequisite, EE127. Laboratory fee \$2.00. MR. WALTHER

143. (130) ALTERNATING CURRENT CIRCUITS. First semester.
2 credits.
Three recitations and one three-hour laboratory period.
Prerequisite, EE128. Laboratory fee \$2.00. MR. SMITH
144. (132) ALTERNATING CURRENT MACHINERY. Second semester.
 $2\frac{1}{2}$ credits.
Three recitations and one four-hour laboratory period.
Prerequisite, EE143. Laboratory fee \$2.00. MR. SMITH
138. (134) ADVANCED DIRECT CURRENT CIRCUITS. Second semester.
 $3\frac{1}{2}$ credits.
Four recitations and two three-hour laboratory periods.
Prerequisite, EE128. Laboratory fee \$3.00. MR. WALTHER, MR. SMITH
133. (136) ADVANCED DIRECT CURRENT MACHINERY. First semester.
4 credits.
Four recitations and two four-hour laboratory periods.
Prerequisite, EE138. Laboratory fee \$3.00. MR. SMITH
137. RADIO COMMUNICATION. Second semester. 4 credits.
Two recitations, one four-hour laboratory period.
Prerequisite, Advanced Alternating Current Circuits and Equipment 139. Laboratory fee \$3.00. MR. SMITH
139. ADVANCED ALTERNATING CURRENT CIRCUITS AND EQUIPMENT. First semester. 3 credits.
Prerequisite, Alternating Current Machinery 144. Concurrent with 141. MR. WALTHER
140. (142) ALTERNATING CURRENT MACHINERY AND POWER TRANSMISSION. Second semester. 5 credits.
Prerequisite, Advanced Alternating Current Circuits and Equipment 139. Concurrent with 142. MR. WALTHER
141. ADVANCED ALTERNATING CURRENT LABORATORY. First semester. 3 credits.
Concurrent with EE139. Laboratory fee \$4.00. MR. WALTHER
142. SPECIAL ELECTRICAL ENGINEERING PROBLEMS. Second semester. 6 credits.
Concurrent with EE140. Laboratory fee \$4.00. MR. WALTHER
- 21-22. INDUSTRIAL ELECTRICITY. 4 credits each semester.
Includes one two-hour laboratory period.
Prerequisite, High School Algebra. Laboratory fee \$2.00.
MR. WALTHER AND MR. SMITH
- 53-54. PRINCIPLES OF RADIO. 2 credits each semester.
Prerequisite, Industrial Electricity 22. MR. SMITH
- 43-44. ADVANCED INDUSTRIAL ELECTRICITY. 2 credits each semester.
Includes one two-hour laboratory period.
Prerequisite 22. Laboratory fee \$2.00. MR. WALTHER

THE UNIVERSITY OF AKRON
INDUSTRIAL ENGINEERING
PROFESSOR ADENDORFF

OUTLINE OF COURSES

JUNIOR YEAR

First Semester	Second Semester	Cr. Hrs.
See curriculum as outlined on page 92.	Machine Drawing ME 176	2
	Alternating Current Machinery EE 144	2½
	Electives	4

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Human Engineering IE 153	2½	Rubber Production Methods IE 150.	3
Industrial Production Problems IE 155	2	Production Methods (Foundry and Machine Shop) IE 152	3
Time and Motion Study IE 157 ...	1	Personnel Administration IE 154...	3
Electives	4½	Industrial Management Problems IE 156	3
		Seminar (Rubber Production Prob- lems) IE 158	2
		Electives	4

All credit hours are based on an eighteen-week period.

The Junior and Senior years are on the co-operative basis with the exception of the second semester of the Senior year when the students are in school full time.

The above courses are required for the degree of Bachelor of Industrial Engineering. In no case, however, will a degree be awarded until the student has passed, with necessary quality points, a minimum of 137 credit hours.

Fourth and fifth year students on the full time plan will follow the curriculum listed in the 1936-37 catalog.

INDUSTRIAL ENGINEERING COURSES

150. RUBBER PRODUCTION METHODS. Second semester. 3 credits.
MR. ADENDORFF
- 147-148. INDUSTRIAL ENGINEERING. 1½ credits each semester.
9 weeks basis. MR. ADENDORFF
152. PRODUCTION METHODS. (PATTERN SHOP, FOUNDRY AND MA-
CHINE SHOP.) Second semester. 3 credits. MR. ADENDORFF
153. HUMAN ENGINEERING. First semester. 3 credits.
MR. ADENDORFF
154. PERSONNEL ADMINISTRATION. Second semester. 3 credits.
155. INDUSTRIAL PRODUCTION PROBLEMS. First semester. 3 credits.
MR. ADENDORFF
156. INDUSTRIAL MANAGEMENT PROBLEMS. Second semester.
3 credits. MR. ADENDORFF
157. TIME AND MOTION STUDY. First semester. 1 credit.
MR. ADENDORFF
158. SEMINAR. Second semester. 2 credits. MR. ADENDORFF

MECHANICAL ENGINEERING
 PROFESSOR GRIFFIN, ASSOCIATE PROFESSOR UPP,
 ASSISTANT PROFESSOR WILSON

OUTLINE OF COURSES

JUNIOR YEAR

First Semester	Second Semester	Cr. Hrs.
See curriculum as outlined on page 92.	Machine Drawing ME 176	2
	Mechanism ME 172	2½
	Mechanism Drawing ME 174	1
	Alternating Current Machinery EE 144	2½
	Steam Power Plants ME 185	2

SENIOR YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Machine Design ME 178	2½	Machine Design ME 179	3
Thermodynamics ME 189	2½	Gas and Oil Engines ME 190 or Refrigeration ME 192	3
Mechanical Engineering Laboratory ME 182	2	Mechanical Engineering Laboratory ME 183	2
Steam Power Plants ME 186	2½	Heating and Ventilating ME 187 ...	3
		Special Mechanical Engineering Problems ME 194	2
		Inspection Trips ME 196	1
		Metallurgy 133	4

All credit hours are based on an eighteen-week period.

The Junior and Senior years are on the co-operative basis with the exception of the second semester of the Senior year when the students are in school full time.

The above courses are required for the degree of Bachelor of Mechanical Engineering. In no case, however, will a degree be awarded until the student has passed, with necessary quality points, a minimum of 137 credit hours.

Fourth and fifth year students on the full time plan will follow the curriculum listed in the 1936-37 catalog.

MECHANICAL ENGINEERING COURSES

172. (177) MECHANISM. Second semester. 2½ credits. MR. WILSON
174. (177) MECHANISM DRAWING. Second semester. 1 credit.
MR. WILSON
176. MACHINE DRAWING. Second semester. 2 credits. MR. WILSON
- 178-179. MACHINE DESIGN. First semester, 2½ credits; second semester, 3 credits.
Prerequisite, Strength of Materials 105-106.
MR. GRIFFIN, MR. WILSON
180. MACHINE DESIGN. 2 credits.
An elective course. MR. GRIFFIN
- 182-183. MECHANICAL ENGINEERING LABORATORY. 2 credits each semester. Laboratory fee \$2.00. MR. UPP
184. HYDRAULICS. First semester. 2½ credits. MR. GRIFFIN
- 185-186. STEAM POWER PLANTS. First semester, 2½ credits; second semester, 2 credits. MR. UPP

187. HEATING AND VENTILATING. Second semester. 3 credits.
MR. GRIFFIN
189. THERMODYNAMICS. First semester. 2½ credits. MR. UPP
190. GAS AND OIL ENGINES. Second semester. 3 credits.
Prerequisite, Thermodynamics 189. MR. UPP
192. REFRIGERATION. Second semester. 3 credits.
Prerequisite, Thermodynamics 189. Systems of refrigeration, prop-
erties of refrigerants, household refrigeration, artificial ice and cold
storage. MR. UPP
194. SPECIAL MECHANICAL ENGINEERING PROBLEMS. Second se-
mester. 2 credits. Laboratory fee \$2.00. MR. UPP
196. INSPECTION TRIPS. Second semester. 1 credit. MR. GRIFFIN

GENERAL COURSES FOR ENGINEERING STUDENTS

BIOLOGY

ASSISTANT PROFESSOR FOX

180. BACTERIOLOGY AND SANITATION. Second semester. 3 credits.

CHEMISTRY

ASSISTANT PROFESSOR ANDERSON

131. ENGINEERING CHEMISTRY. First semester. 3 credits. Labor-
atory fee \$5.00. 9 weeks basis.
132. ENGINEERING CHEMISTRY. Second semester. 3 credits. Labor-
atory fee \$5.00. 9 weeks basis.
133. METALLURGY OF IRON AND STEEL. Second semester. 4 credits.
Laboratory fee \$7.50.
134. METALLURGY (ADVANCED). Second semester. 3 credits. Lab-
oratory fee \$7.50.

PHYSICS

ASSOCIATE PROFESSOR BULGER

145. PHYSICS. (APPLIED MECHANICS). First semester. 3 credits.
9 weeks basis.

THE COLLEGE OF EDUCATION

HOWARD R. EVANS, PH. D., *Dean*

GENERAL INFORMATION

The Teachers College, now known as the College of Education, was established in 1921 in co-operation with the Akron Board of Education, replacing the former Perkins Normal School of Akron. Teachers College, until the close of the academic year 1930-31, was supported by both educational systems. For its faculty it draws upon the teaching staff of both the Public Schools and the University. Along with the reorganization plan which was placed into effect September, 1935, the name was changed to the College of Education.

The University of Akron is so organized that students in any college may take courses in other colleges. This enables the College of Education to use the facilities of the whole University in the preparation of teachers. The College of Education has for its first major purpose the professional preparation of teachers. Attention will be given, however, to the development of characteristics and qualities which are equally important, such as a broad and liberal education, strong and pleasing personality, and desirable character. All of the facilities of the University will be used for strengthening the academic, professional, and personal fitness of those desiring to teach.

Particular emphasis is placed upon the preparation of teachers for the city of Akron. However, graduation does not insure appointment to a teaching position in the city. Selection is made on the basis of excellence in scholarship, professional training, personality, and character.

In the preparation of teachers there is a related function, that of the improvement of teachers in service. In order to satisfy this need, evening, Saturday, and Summer Session courses are offered. These courses are designed to strengthen the academic preparation, to improve professional mastery, and to inspire and lead teachers to a clearer conception of their responsibilities and privileges.

The third purpose is to bring teacher training into closer contact with the instructional, supervisory, and administrative forces of the city. The real, vital problems of education may thus be studied by all who represent these forces. In this way the vigorous progressive phases of school work in the city will be reflected in the training courses, and research on these problems by the College of Education will bring suggestions for new forms of training and for various modifications of school work.

COURSES OF STUDY AND DEGREES

The College of Education offers curricula in the following fields: high school teaching, all regular academic subjects, and special fields such as physical education, music, art, social science, commerce, home economics; intermediate classes; junior high school; the elementary grades; kindergarten-primary; and nursery school.

Each student is required to pass a qualifying examination before entering upon Practice Teaching, or before graduation if his Practice Teaching requirement has been satisfied before enrolling at the University of Akron.

The Department of Psychology is allocated to the College of Education and is open to students in the Arts College or the College of Education who wish to make Psychology their field of concentration. The College of Liberal Arts also offers a combined major in Philosophy and Psychology.

The State of Ohio permits teaching in the elementary schools following a two-year diploma program. Such a course is offered for those who feel that they cannot give more than two years at the beginning to preparation. Most students plan to take four years or more. Four years are required for high school teaching, and five years are desirable. The first two years of the student's preparation are given over to general education in the General College. During the second year, however, if the student anticipates entering the College of Education he should plan to take certain definite prerequisite courses.

Any student in the University who is not enrolled in the College of Education and who wishes to enter the teaching profession should register with the Dean of the College of Education at least two years prior to the time at which he expects to be eligible to teach.

Students who complete a prescribed four-year curriculum of 128 semester hours and have the required quality of work are entitled to receive the Bachelor of Arts in Education or the Bachelor of Science in Education degree.

Graduate courses are open to any student who holds a Bachelor's degree from an accredited institution and who has the necessary background for advanced study. The Master's degree is granted upon the completion of 30 semester hours of study.

The College of Education offers graduate courses leading to the following degrees: Master of Arts in Education (to candidates holding the A. B. degree) and Master of Science in Education (to candidates holding the B. S. degree, the B. S. in Education degree, or the B. E. degree).

A more complete description of the requirements for graduate degrees will be found in the section headed Graduate Study.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF EDUCATION

1. Each student must have secured a quality point ratio of one in all work carried.
2. Each student is required to pass an examination on the introductory courses in the General College.
3. Each student must pass an examination in written English.
4. Each student is required to meet a satisfactory standard with respect to personality. This rating is made by instructors conducting the courses in Education in the General College, or by a standardized rating, or by both.
5. Students planning to major in special fields (Physical Education, Music, etc.) must take an examination planned by the special department.
6. Each prospective high school teacher must be prepared for certification in three subjects, one major and two minors. The teaching majors and minors are defined on the next page.
7. Each prospective high school teacher must be prepared to enter upper college courses in at least two teaching fields.

REQUIREMENTS FOR DEGREES FOR THE A. B. IN EDUCATION

1. General education required of all students as outlined in the General College section:

Men	40-42 credit hours
Women	36-38 credit hours

2. Additional requirements in the General College:

	Cr. Hrs.
General Psychology	3
Literature	6
Introduction to Education	3
	12

3. Professional Courses:

	Cr. Hrs.
Educational Psychology	3
Special Methods	3
Tests and Measurements	2
Educational Problems	3
Student Teaching	6
School Administration	2
	19

One major and two minors.

TOTAL128 Semester Hours

Minors for high school teaching may be elected from the special fields such as Music, Art, Home Economics, Physical Education, and Commerce, as well as the regular academic subjects.

Students planning to teach in the high schools of the city of Akron are advised to complete a 5-year program. From the standpoint of assurance of a position it is strongly recommended that this program combine preparation for both elementary and high school teaching.

Each student expecting to receive the Bachelor of Arts in Education degree is required to have one major and two minors according to the following definitions, in addition to the statements 1, 2, and 3 under Requirements for a Degree.

COURSE	H. S. Units as a Prerequisite	MAJOR	MINOR
*English	3	36 Cr. Hrs.	20 Cr. Hrs.
		Composition	6
		Literature	15
		Speech	3
History	2	30	18
		History	24
		Government	6
*Social Science	1	30	18
		Economics	9
		Sociology	6
		Philosophy	6
		Geography	3
Mathematics	2	20	14
		College Algebra	
		Trigonometry	
		Analytical Geometry	
		Calculus	
		Statistics	
		Commercial Arithmetic	
Biological Science	1	24	18
		Zoology	8
		Field Botany	6
		Botany	3
		Entomology	4
		Physiology	3
Physical Science	1	24	18
		Chemistry	8
		Physics	8
Earth Science	1	20	16
		Geology	8
		Geography	8
Latin	4	18	12
*French }	2	24	18
*German }			
*Spanish }			
Music (Special)		60	20
Commercial		40	20
Physical Education		40	20
Fine Arts		40	20
Industrial Arts		40	20
Vocational Education		40	20
Home Economics		40	20

* Including General Course requirements.

TWO-YEAR COURSES OF STUDY IN ELEMENTARY EDUCATION AND NURSERY SCHOOL are outlined in the General College section.

SEQUENCE OF PROFESSIONAL COURSES

SECOND YEAR GENERAL COLLEGE

First Semester	Second Semester
General Psychology	Educational Psychology
Introduction to Education (first or second semester)	

FIRST YEAR UPPER COLLEGE

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Methods	3	Tests and Measurements	2

SECOND YEAR UPPER COLLEGE

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Educational Problems	3	Student Teaching	6
		School Administration	2

or

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Student Teaching	6	Educational Problems	3
School Administration	2		

SAMPLE PROGRAM

FOR THOSE PREPARING TO TEACH IN HIGH SCHOOL

Major Mathematics, 22 credit hours. Minor Physical Science, 16 credit hours.
Minor Social Science, 24 credit hours.

GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Hygiene, Physical and Mental	3	Hygiene, Physical and Mental	3
Introduction to Social Science	3	Introduction to Social Science	3
Introduction to Natural Science	3	Introduction to Natural Science	3
Mathematics	4	Mathematics	3
Military Training	1	Military Training	1

SECOND YEAR

Introduction to Humanities	3	Introduction to Humanities	3
Literature	3	Literature	3
Analytical Geometry	2	Analytical Geometry	2
General Psychology	3	Educational Psychology	3
Introduction to Education	3	Economics	3
Economics	3	Military Training	1
Military Training	1		

COLLEGE OF EDUCATION

THIRD YEAR

Calculus	3	Calculus	3
Methods	3	Tests and Measurements	2
Chemistry	4	Chemistry	4
Sociology	3	Geography	3
Philosophy	3	Philosophy	3

FOURTH YEAR

Business Mathematics	4	Elective	7
Physics	4	Physics	4
Student Teaching	6	Educational Problems	3
Administration	2	Psychology	2

FOR THE B. S. DEGREE IN EDUCATION

This degree is awarded to students who are completing curricula designed for the preparation of teachers in the preparatory school and in the special subjects such as art, commerce, home economics, etc.

1. General education required of all students as outlined in the General College section:

Men 40-42 credit hours
Women 36-38 credit hours

2. Additional requirements in the General College:

General Psychology	Cr. Hrs.	3
Literature		6
Introduction to Education		3
		<hr/>
		12

3. Professional Courses:

Educational Psychology	Cr. Hrs.	3
Special Methods		3
Tests and Measurements		2
Educational Problems		3
Student Teaching		6
School Administration		2
		<hr/>
		19

Additional work for the major as shown under the various curriculum headings.

KINDERGARTEN-PRIMARY COURSE

In addition to the following requirements students must complete the general education courses, the additional courses required for admission into the College of Education, and the professional requirements.

KINDERGARTEN-PRIMARY MAJOR		Cr. Hrs.
Kindergarten-Primary Methods		6
Music (Sight Singing 2, Kindergarten-Primary Music 4)		6
Art (Structural 2, Art for the Grades 2)		4
Play Materials		2
Story Telling		6
Children's Literature		3
Child Development		3
Child Psychology		3
		<hr/>
		33
Electives	24-26	<hr/>

Students majoring in this field are granted a special certificate which entitles them to teach in kindergarten or first grade only.

For a major in this course of study, the student must pass a music test before entering Upper College.

PRIMARY-ELEMENTARY COURSE

GENERAL COLLEGE

FIRST YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
English	3		English	3	
Hygiene, Physical and Mental	3		Hygiene, Physical and Mental	3	
Introduction to Social Science	3		Introduction to Social Science	3	
Foreign Language	4		Foreign Language	4	
Elective	3		Elective	3	

SECOND YEAR

Introduction to Humanities	3	Introduction to Humanities	3
Introduction to Natural Science	3	Introduction to Natural Science	3
Literature	3	Literature	3
General Psychology	3	Educational Psychology	3
Sight Singing	2	Introduction to Education	3
Elective	2	Elective	1

COLLEGE OF EDUCATION

THIRD YEAR

Primary Methods	3	Primary Methods	3
Story Telling	3	Story Telling	3
Reading	3	Children's Literature	3
Structural Art	2	Art for the Grades	2
Kindergarten-Primary Music	2	Kindergarten-Primary Music	2
Principles of Teaching	3	Play Materials	2
Elective	1	Elective	2

FOURTH YEAR

Child Psychology	3	Tests and Measurements	2
School Health	2	School Management	2
Educational Problems	3	Student Teaching	6
Elective	8	Elective	4

FOUR-YEAR ELEMENTARY COURSE

The following outline is furnished for the guidance of students preparing for elementary school teaching.

GENERAL COLLEGE

FIRST YEAR

First Semester		Cr. Hrs.	Second Semester		Cr. Hrs.
English		3	English		3
Hygiene, Physical and Mental		3	Hygiene, Physical and Mental		3
Introduction to Social Science		3	Introduction to Social Science		3
Foreign Language, Mathematics or Accounting		4	Foreign Language, Mathematics or Accounting		4
Elective		3	Elective		3

SECOND YEAR

Introduction to Humanities	3	Introduction to Humanities	3
Introduction to Natural Science	3	Introduction to Natural Science	3
Literature	3	Literature	3
General Psychology	3	Educational Psychology	3
Introduction to Education	3	Elective	4
Elective	1		

COLLEGE OF EDUCATION

THIRD YEAR

Children's Literature	3	Reading	3
Sight Singing	2	Sight Singing	2
Arithmetic	2	Science	2
Principles of Teaching	3	Geography	3
Geography	3	Art for Grades	2
Structural Art	2	Elective	2
Elective	2		

FOURTH YEAR

Public School Music	1	Public School Music	1
Child Psychology	2	Practice Teaching	6
Language or Social Science	2	(Either Semester)	
Tests and Measurements	2	School Management	2
Educational Problems	3	Elective	5
Story Telling	3		
Elective	3		

Persons completing this program will receive a certificate which permits them to teach in grades one to eight, but the program is designed primarily for students in the fourth, fifth, and sixth grades.

UPPER GRADES—JUNIOR HIGH SCHOOL

This curriculum is designed for students who expect to teach at the upper grade level, grades seven, eight, and nine. A student may obtain a certificate to teach in either elementary or secondary school upon the completion of this program, but will not be recommended for other than grades six to nine.

In addition to the following requirements students must complete the general education courses, the additional courses required for admission into the College of Education, and the professional requirements.

	Cr. Hrs.
Adolescent Psychology	2
Reading, Content and Method	3
Arithmetic, Content and Method	2
Science, Content and Method	2
Social Science, Content and Method	2
Structural Art	2
Public School Music	3

Major (including general education courses, 24 hours; two subject-matter minors, 18 hours each).

ART COURSE

Requirements for degree: 128 credits, including the items under Requirements for Degree, Numbers 1, 2, and 3, and 42 credits in Art (including Methods of Teaching Art, 2 credits).

COMMERCIAL TEACHER TRAINING

The following suggestive curriculums are offered for the guidance of those who are preparing to teach commercial subjects. For information concerning specific requirements, consult the adviser for Commercial Education.

Each of the two fields of specialization listed below carries the degree B. S. in Education and a state certificate for teaching commercial subjects.

Students enrolled in either of these curricula may, if they wish, secure a high school certificate instead of a certificate in commercial subjects by arranging their electives so as to include two minors, as indicated in the table of majors and minors, in addition to the required major of 40 hours.

GENERAL BUSINESS AND BOOKKEEPING CURRICULUM

GENERAL COLLEGE
FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Freshman English 1	3	Freshman English 2	3
Hygiene, Physical and Mental	3	Hygiene, Physical and Mental	3
Introduction to Social Science 5	3	Introduction to Social Science 6	3
Introduction to Humanities 7	3	Introduction to Humanities 8	3
Introduction to Natural Science 9	3	Introduction to Natural Science 10 ..	3
Military Training	1	Military Training	1

SECOND YEAR

Accounting 41 or 21	3	Accounting 42 or 22	3
Shorthand Theory 41	3	Shorthand Theory 42	3
Typewriting 51	2	Typewriting 52	2
Business Law 51	3	Business Administration 61	3
General Psychology	3	Introduction to Education	3
Literature	3	Literature	3
Military Training	1	Military Training	1

COLLEGE OF EDUCATION

THIRD YEAR

Analytical Accounting 43	3	Intermediate Accounting 124	3
Educational Psychology	3	Methods in Bkpg. and Gen. Bus.	2
Methods in Secretarial Subjects ...	3	Economics 42	3
Economics 41	3	Tests and Measurements	2
Electives	4 or 5	Electives	4 or 5

FOURTH YEAR

Educational Problems	3	Student Teaching	6
Electives	11	School Administration	2
		Electives	8

ELECTIVES

	Cr. Hrs.
Economic Geography	3
Business Correspondence	3
Business Law	3
Selling and Advertising	3
Business Mathematics	4

COMMERCIAL TEACHER TRAINING
SECRETARIAL AND OFFICE PRACTICE CURRICULUM

GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
Freshman English 1	3	Freshman English 2	3
Hygiene, Physical and Mental	3	Hygiene, Physical and Mental	3
Introduction to Social Science 5	3	Introduction to Social Science 6	3
Introduction to Humanities 7	3	Introduction to Humanities 8	3
Introduction to Natural Science 9	3	Introduction to Natural Science 10	3
Military Training	1	Military Training	3

SECOND YEAR

Shorthand Theory 41	3	Shorthand Theory 42	3
Typewriting 51	2	Typewriting 52	2
Secretarial Theory 21	3	Office Methods 26	3
Accounting 41	3	Accounting 42	3
Literature	3	Literature	3
General Psychology	3	Introduction to Education	3
Military Training	1	Military Training	1

COLLEGE OF EDUCATION

THIRD YEAR

Intermediate Dictation 141	4	Intermediate Dictation 142	4
Business Correspondence 133	3	Methods in Bkpg. and Gen. Bus.	2
Educational Psychology	3	Economics 42	3
Methods in Secretarial Subjects	2	Electives	3 or 4
Economics 41	3		
Electives (women)	1		

FOURTH YEAR

Office Practice 193	3	Student Teaching	6
Educational Prob.	3	School Administration	2
Tests and Measurements	2	Electives	8
Electives	8		

HEALTH AND PHYSICAL EDUCATION

GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Hygiene, Physical and Mental	3	Hygiene, Physical and Mental	3
Social Science	3	Social Science	3
Foreign Language	4	Foreign Language	4
Military Training	1	Military Training	1
Introduction to Humanities	3	Introduction to Humanities	3

SECOND YEAR

Introduction to Natural Science	3	Introduction to Natural Science	3
Literature	3	Literature	3
General Psychology	3	Educational Psychology	3
Introduction to Education	3	Educational Sociology	3
Military Training	1	Military Training	1
Physical Education	3	Physical Education	3

COLLEGE OF EDUCATION

THIRD YEAR

Principles of Teaching	3	First Aid and Massage	2
Normal Diagnosis and Corrective Gym. 115	2	Theory and Practice 104	2
Theory and Practice 103	2	Theory and Practice 106	2
Theory and Practice 105	2	Physiology	3
Anatomy	3	Physical Education 114	2
Elective	4	Elective	5

FOURTH YEAR

Organization & Admin. of Physical Education	2	Organization & Admin. of Physical Education	2
School Health	2	School Health	2
Tests and Measurements	2	Practice Teaching (Either semester) ..	6
Educational Problems	3	School Management	2
Methods of Physical Education	2	History of Physical Education	2
Kinesiology 124	2		
Elective	3		

SCHOOL MUSIC COURSE

GENERAL COLLEGE

FIRST YEAR

First Semester	Cr. Hrs.	Second Semester	Cr. Hrs.
English	3	English	3
Hygiene, Physical and Mental	3	Hygiene, Physical and Mental	3
Introduction to Humanities	3	Introduction to Humanities	3
Introduction to Social Sciences	3	Introduction to Social Sciences	3
R. O. T. C. (Men)	1	R. O. T. C. (Men)	1
General Theory	1	Appreciation of Music	2
Instruments or Voice	1	Instruments or Voice	1
Glee Club, Orchestra, or Band	1	Glee Club, Orchestra, or Band	1

SECOND YEAR

General Psychology	3	Educational Psychology	3
Introduction to Natural Science	3	Introduction to Natural Science	3
Foreign Language	3 or 4	Foreign Language	3 or 4
R. O. T. C. (Men)	1	R. O. T. C. (Men)	1
Elementary Harmony	2	Elementary Harmony	2
Second Year Sight Singing and Ear Training	2	Second Year Sight Singing and Ear Training	2
Instruments or Voice	2	Instruments or Voice	2
Glee Club, Orchestra, or Band	1	Glee Club, Orchestra, or Band	1

COLLEGE OF EDUCATION

THIRD YEAR

Advanced Harmony	2	Advanced Harmony	2
History of Music	2	History of Music	2
School Music Methods	2	Form and Analysis	3
Instruments or Voice	3	School Music Methods	2
Glee Club, Orchestra, or Band	1	Music Appreciation Methods	1
Introduction to Education	3	Instruments or Voice	3
Principles of Teaching	3	Glee Club, Orchestra, Band	1

FOURTH YEAR

Keyboard Harmony	2	Orchestration	3
Composition	2	Instruments or Voice	2
Conducting	1	Practice Teaching	6
Brass and Wood Wind Instruments	1	Administration	2
Organization in School Music	2	Literature	3
Instruments or Voice	2		
Educational Problems	3		
Literature	3		

The work in applied music must include at least 4 credits in piano and 4 credits in voice.

HOME ECONOMICS COURSE

Requirements for degree: 128 credits, including the items under Requirements for Degree, Numbers 1, 2, and 3, Methods of Teaching Home Economics (2 credits), and 36 credits in Home Economics selected with the approval of the department adviser.

VOCATIONAL EDUCATION COURSES

These courses lead to the B. S. degree and a Smith-Hughes Certificate.

All students must include the following subjects. Students wishing both the degree and the certificate must take in addition all the Requirements for a degree (69 or 73 credits); those wishing only the certificate need include but 2 credits in Observation and Practice Teaching instead of the 9 credits required for the degree.

	Cr. Hrs.
Industrial Relations	2
Industrial Drawing	6
Organization of Instruction Material	4
Free-Hand Drawing	2
Trade Major	24
Educational and Vocational Guidance	2
Philosophy of the General Continuation School	2
*Organization and Administration of Vocational Education	2
History and Philosophy of Vocational Education	2
Methods of Teaching Occupational Subjects	2
Educational and Industrial Coordination	2
Psychology Applied to Occupational Teaching	2

Women may elect, in addition to their trade major, twenty-two credits in the department of Home Economics instead of the subjects listed above.

INDUSTRIAL ARTS COURSES

Requirements for degree: 128 credits, including Requirements for a degree (69 or 73 credits) and the following subjects:

	Cr. Hrs.
Design	4
Drawing	8
Major	24
Guidance	2
*Organization and Administration of Industrial Arts	2
History and Philosophy of Vocational Education	2
Curriculum Construction	2
Problems in Industrial Arts	2
Organization of Instructional Material	2
Evaluating Subject Material	2
Shop Management	4
Methods of Teaching Industrial Arts	2

Women may elect their majors from the Industrial Arts Division of Home Economics.

STUDENT ADVISERS

All students should confer with the following persons regarding their work according to the fields in which they expect to teach:

(This does not mean that students are not free to consult the Dean of the College regarding any of their problems.)

Art	MRS. BARNHARDT
Commercial Subjects: (1) General Business and Bookkeeping,	
(2) Secretarial and Office Practice	MR. DOUTT
Four-Year Elementary	MR. DISTAD
High School	MR. KUHNES
Home Economics	MISS SWIFT
Kindergarten-Primary	MISS KEMLER
Music	{ MR. ENDE
	{ MISS RIDER
Nursery—2-Year	MISS KEMLER
Physical Education	MR. SEPTON
Primary-Elementary	MISS KEMLER
Upper Grade—Junior High School	MR. KUHNES

THE QUALIFYING EXAMINATION

All students are required to pass satisfactorily a qualifying examination before engaging in Student Teaching. This examination covers (1) subject matter to be taught in the subjects or grades of the public school for which the student is certificated; (2) mastery of professional concepts, facts and abilities which are taught in courses such as Psychology, History and Principles of Teaching, Methods, and Tests and Measurements.

This examination is to be taken at the close of the junior year and is given in May each year. This examination serves in the College of Education as the comprehensive examination which is required of all students for graduation. If a student has taken his Student Teaching prior to his attendance at the University of Akron, the passage of the examination is nevertheless required for the degree.

TEACHING CERTIFICATE

Every teacher in the public schools of Ohio is required to have a certificate covering the fields in which he is teaching. This certificate is issued by the State Department of Education upon recommendation of the Dean of the College of Education. The student must make out an application form, which may be obtained in the Dean's office. This form should be filled out about one month before the student plans to complete all of his requirements for teaching.

STUDENT TEACHING

The student teaching in all courses is done in the public schools under the supervision of training teachers. Each student must teach for a semester under regular assignment. Under such supervision the student teacher really becomes an apprentice in teaching.

In addition to the qualifying examination a student, in order to be eligible to engage in student teaching, must have at least a quality point ratio of 1.5 in his major field and at least a quality point ratio of 1 in all subjects taken.

GRADUATE STUDY

The College of Education offers graduate courses leading to the following degrees: Master of Arts in Education (to candidates holding the A. B. degree), and Master of Science in Education (to candidates holding the B. S. degree, the B. S. in Education or the B. E. degree). For further information about graduate work see section of the catalog headed Graduate Study.

SUBJECTS OF INSTRUCTION

An asterisk (*) preceding the course number indicates the course is credited in the Liberal Arts College.

ART

ASSISTANT PROFESSOR BARNHARDT, MISS CABLE, MR. FRENCH,
MR. YOUNG, AND MRS. YOUNG

113. ADVANCED COMPOSITION. Second semester. 2 credits.

121. ART FOR THE GRADES. First semester. 2 credits.
Prerequisite, 21.

191. METHODS IN TEACHING ART. Either semester. 2 credits.
Prerequisite, completion of the required course for Art teachers.

For description of other courses in Art, see the Liberal Arts College, Humanities Division.

COMMERCIAL EDUCATION

PROFESSOR DOUTT, ASSISTANT PROFESSOR FLINT

151. METHODS IN SECRETARIAL SUBJECTS. First semester.
2 credits. Prerequisite, permission of instructor.

172. METHODS IN BOOKKEEPING AND GENERAL BUSINESS. Second
semester. 2 credits. Prerequisite, permission of instructor.

EDUCATION

DEAN EVANS, PROFESSOR KUHNES,
ASSISTANT PROFESSORS DISTAD AND KEMLER, MR. SNYDER

105. EDUCATIONAL TESTS AND MEASUREMENTS. First semester.
2 credits. Prerequisite, Educational Psychology. Fee, \$2.00.
MR. DISTAD
- *109. PRINCIPLES OF TEACHING. Either semester. 3 credits. Pre-
requisite, Educational Psychology 52.
Not open to students below junior rank. MR. DISTAD
111. STORY TELLING. First semester. 3 credits. MISS KEMLER
112. STORY TELLING. Second semester. 3 credits. MISS KEMLER
113. HIGH SCHOOL METHODS. Either semester. 3 credits.
Prerequisite, Educational Psychology 52. MR. KUHNES
115. SCHOOL MANAGEMENT AND ADMINISTRATION. Either semes-
ter. 2 credits.
Accompanies Student Teaching. MR. EVANS
120. TECHNIQUE OF CURRICULUM CONSTRUCTION. Second semes-
ter. 2 credits.
Prerequisite, 65 or 109. MR. SNYDER
124. STUDENT TEACHING. Either semester. 6 credits.
Seniors only. Prerequisite, Educational Psychology 52.
MR. KUHNES, MISS KEMLER, MR. DISTAD
118. THE JUNIOR HIGH SCHOOL. 2 credits.
1935-36 and alternate years. MR. EVANS
131. PRIMARY METHODS. First semester. 3 credits.
Not open to students below junior rank. Prerequisites, Educational
Psychology 52 and Introduction to Education 55. MISS KEMLER
132. PRIMARY METHODS. Second semester. 3 credits.
Not open to students below junior rank. Prerequisites, Educational
Psychology 52 and Introduction to Education 55. MISS KEMLER
133. SCIENCE: CONTENT AND METHOD. First semester. 2 credits.
Prerequisites, Educational Psychology 52 and Introduction to Edu-
cation 55. MR. SNYDER
135. READING: CONTENT AND METHOD. First semester. 3 credits.
Prerequisites, Educational Psychology 52 and Introduction to Edu-
cation 55. MISS KEMLER
136. ARITHMETIC: CONTENT AND METHOD. Second semester.
2 credits.
Prerequisites, Educational Psychology 52 and Introduction to Edu-
cation 55. MR. DISTAD

137. LANGUAGE: CONTENT AND METHOD. First semester. 2 credits.
Prerequisites, Educational Psychology 52 and Introduction to Education 55. MISS KEMLER
138. HISTORY: CONTENT AND METHOD. Second semester. 2 credits.
Prerequisites, Educational Psychology 52 and Introduction to Education 55. MR. SNYDER
140. CHILDREN'S LITERATURE. Second semester. 3 credits.
MISS KEMLER
- *201. EDUCATIONAL PROBLEMS. Either semester. 3 credits.
Prerequisites, Educational Psychology 52, Methods, Tests and Measurements 105. MR. KUHNES

GRADUATE COURSES IN EDUCATION

DEAN EVANS, PROFESSOR KUHNES, ASSISTANT PROFESSORS STAGNER
AND DISTAD

Prerequisite to graduate courses in Education: At least 12 hours of undergraduate work in Education or the equivalent.

- *311. EDUCATIONAL STATISTICS. First semester. 2 credits.
MR. STAGNER
312. EDUCATIONAL TESTS AND MEASUREMENTS FOR SECONDARY SCHOOLS. Second semester. 2 credits.
Fee, \$2.00. 1935-36 and alternate years. Prerequisite, Education 311, 105, or Psychology 315. MR. EVANS
313. EDUCATIONAL DIAGNOSIS. 2 credits. MR. DISTAD
320. SECONDARY SCHOOL ADMINISTRATION. Second semester. 2 credits. MR. EVANS
321. PUBLIC SCHOOL ADMINISTRATION. First semester. 2 credits. MR. EVANS
322. SUPERVISION OF INSTRUCTION. Second semester. 2 credits. MR. DISTAD
- 323-24. EDUCATIONAL PHILOSOPHY. 2 credits. MR. KUHNES
401. GREAT TEACHERS. First semester. 2 credits. MR. KUHNES
423. CONCEPT OF MIND IN EDUCATIONAL THEORY. 2 credits. MR. KUHNES
425. PRINCIPLES AND TECHNIQUE OF RESEARCH AND INVESTIGATION. First semester. 2 credits. MR. DISTAD
427. SEMINAR IN CURRICULUM. Second semester. 2 credits. MR. EVANS
431. MODERN TENDENCIES IN EDUCATION. First semester. 2 credits. MR. KUHNES
- 433-434. COMPARATIVE EDUCATION. 2 credits each semester. MR. KUHNES

GEOGRAPHY

See General College, under Geography.

INDUSTRIAL ARTS EDUCATION

MR. MOORE, MR. HAMBURGER

- 101-102. WOODWORKING. 3 credits each semester.
- 103-104. HANDCRAFTS IN THE ELEMENTARY SCHOOL. 2 credits each semester. MR. MOORE, MR. HAMBURGER
- 109-110. METAL WORKING. 3 credits each semester.
- 117-118. PRINTING. 3 credits each semester.
119. ELECTRICAL SHOP. First semester. 4 credits.
121. FIELD PROJECT. First semester. 4 credits.
- 123-124. ORGANIZING INSTRUCTION MATERIAL FOR INDUSTRIAL ARTS TEACHING. 2 credits each semester.

HOME ECONOMICS

See under Home Economics in the College of Liberal Arts.

KINDERGARTEN-PRIMARY EDUCATION

ASSISTANT PROFESSOR KEMLER

126. PLAY MATERIALS. First semester. 2 credits. Fee, \$1.00. MISS KEMLER
- 127-128. KINDERGARTEN-PRIMARY METHODS. 3 credits each semester. MISS KEMLER

MUSIC

ASSISTANT PROFESSORS ENDE AND RIDER, MR. GARLINGHOUSE, MR. LEBO, MR. CAMPBELL, MR. STEIN, MISS WILLS

The work in music is open to election by all students of the University who are properly qualified to take the courses offered, and may be included in certain fields of concentration in the Humanities Division of the Liberal Arts College and in the College of Education.

For description of courses in Music see The General College and the Liberal Arts College sections.

THE SCHOOL MUSIC COURSE

MISS RIDER

The special music course leading to the degree B. S. in Education is designed to meet state requirements and to prepare students for music education in the public schools. To enter, students must pass two entrance examinations: one in instrumental music, and one in sight singing. In order to qualify for graduation students are required to take a general final examination.

- 81-82. SIGHT SINGING AND EAR TRAINING. 2 credits each semester. Taken for credit by students in elementary education. Others who need to take this course must do so without credit.
- 83-84. SECOND YEAR SIGHT SINGING AND EAR TRAINING. 2 credits each semester. Prerequisite, 82.
- 85-86. KINDERGARTEN-PRIMARY MUSIC. 2 credits each semester. Prerequisite, 82.
- 87-88. SCHOOL MUSIC. 1 credit each semester. Prerequisite, 82. For students in elementary education.
- 89-90. SCHOOL MUSIC METHODS. 2 credits each semester. Prerequisite, 84. For students in the school music course.
92. MUSIC APPRECIATION METHODS. Second semester. 1 credit. For students in elementary education and in the school music course.
93. ORGANIZATION IN SCHOOL MUSIC. First semester. 2 credits. Prerequisite, 88.

PHYSICAL EDUCATION

PROFESSOR SEFTON, ASSISTANT PROFESSORS DREISBACH AND SMITH
MISS LOCKE

Students admitted to these courses must have completed the pre-requisite work in practical activities given in the General College courses.

- 103-104. THEORY AND PRACTICE OF PHYSICAL EDUCATION. 2 credits each semester.
Instruction and practice in Marching Tactics, Calisthenics, Wands, Dumb Bells, Indian Clubs, and Tumbling, men and women. Heavy apparatus, men only.
MRS. DREISBACH, MR. SEFTON, AND MR. SMITH
- 105-106. THEORY AND PRACTICE OF ATHLETICS. 2 credits each semester.
Principles, technique, and coaching of major and minor sports. (Men.) MR. SEFTON, MR. AIKEN, MR. BIXLER, AND MR. SMITH
107. THEORY AND PRACTICE OF FOLK AND TAP DANCING. First semester. 2 credits.
Introduction to a study of rhythmic form, fundamental steps in dancing; folk backgrounds, practical teaching in the prerequisite courses; one hour lecture, two hours laboratory. MISS LOCKE

114. THEORY AND PRACTICE OF SWIMMING. Second semester.
2 credits.
Prerequisite, Physical Education 40. Lectures on techniques, organization, its place in a Physical Education program, practical work in the prerequisite courses. MISS LOCKE AND MR. SMITH
115. INDIVIDUAL CORRECTIVE GYMNASIUM AND NORMAL DIAGNOSIS.
CORRECTIVE EXERCISE. 2 credits.
- 117-118. SCHOOL HEALTH AND HEALTH PROBLEMS. 2 credits each semester.
- 121-122. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. 2 credits each semester. MR. SEFTON
123. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 2 credits.
MR. SEFTON
124. KINESIOLOGY. 2 credits. MR. SMITH
125. METHODS IN PHYSICAL EDUCATION. 2 credits.
MRS. DREISBACH
126. FIRST AID AND MASSAGE. 2 credits. MR. SMITH
127. ANATOMY. 3 credits. MR. SMITH
128. PHYSIOLOGY. 3 credits. MR. SMITH

PSYCHOLOGY

PROFESSORS HAYES AND WOOD, ASSISTANT PROFESSOR STAGNER

- *105. CHILD PSYCHOLOGY. First semester. 3 credits.
Prerequisite, 52. MR. HAYES
- *106. PSYCHOLOGY OF ADOLESCENCE. Second semester. 2 credits.
Prerequisite, 9 hours of Psychology. MR. HAYES
111. EXPERIMENTAL PSYCHOLOGY. First semester. 1 credit.
Prerequisite, 3. MR. HAYES
112. EXPERIMENTAL PSYCHOLOGY. Second semester. 1 credit.
Prerequisite, 3. MR. HAYES
- *207. MENTAL HYGIENE. First semester. 3 credits. MR. HAYES
208. ABNORMAL PSYCHOLOGY. First semester. 2 credits.
Prerequisite, 12 hours of Psychology. MR. HAYES
209. SOCIAL PSYCHOLOGY. Second semester. 3 credits.
MR. STAGNER
- *210. GENETIC PSYCHOLOGY. First semester. 3 credits.
MR. STAGNER

GRADUATE COURSES IN PSYCHOLOGY

PROFESSORS HAYES AND WOOD

302. ADVANCED SOCIAL PSYCHOLOGY. Second semester. 3 credits.
MR. HAYES
303. ADVANCED EDUCATIONAL PSYCHOLOGY. First semester.
2 credits. Prerequisite, 12 hours of Psychology. MR. WOOD
315. MENTAL TESTING. 2 credits. Fee, \$1.00. MR. HAYES
316. HISTORY OF PSYCHOLOGICAL THOUGHT. First semester.
2 credits. Prerequisite, 12 hours of Psychology.
MR. HAYES AND MR. STAGNER
- 317-318. PSYCHOLOGICAL SYSTEMS. 2 credits each semester.
MR. HAYES AND MR. STAGNER
- 425-426. CLINICAL PSYCHOLOGY. 2 credits each semester.
MR. HAYES AND MR. STAGNER

RESEARCH

426. RESEARCH PROBLEM. Credit by arrangement. This course is open to graduate students and is in addition to the thesis. Only those who have received permission from their major professor and the Dean, and whose problem is approved, may receive credit. Fee, \$5.00 per credit hour.

VOCATIONAL EDUCATION

ASSISTANT PROFESSORS SCHAEFFER AND STROBEL

102. OCCUPATIONAL ANALYSIS. Second semester. 2 credits.
104. EDUCATIONAL AND VOCATIONAL GUIDANCE. Second semester.
2 credits.
115. SHOP MANAGEMENT. First semester. 2 credits.
125. ORGANIZATION OF INSTRUCTION MATERIAL. First semester.
2 credits.
127. HISTORY AND PHILOSOPHY OF VOCATIONAL EDUCATION. First
semester. 2 credits.
129. METHODS OF TEACHING OCCUPATIONAL SUBJECTS. First
semester. 2 credits.
132. INDUSTRIAL AND EDUCATIONAL CO-ORDINATION. Second
semester. 2 credits.

GRADUATE STUDY

CHARLES BULGER, PH. D., *Dean*

In certain colleges and departments—especially in the College of Education—opportunity is offered properly qualified persons to study for the Master's degree. In some of the departments graduate courses given in connection with the work in Adult Education have been arranged on a rotating plan to enable candidates to meet the requirements for a major or a minor.

For details as to the colleges and departments which offer courses of graduate rank refer to the various colleges and departments.

Graduate work is characterized by quality as well as quantity. The degree is granted on the basis of a high level of attainment in a certain field rather than for the collection of a specified number of credit hours.

Attainment is to be judged by (1) the thoroughness of the candidate's acquaintance with his field, (2) his knowledge of the methodology of his field, and (3) his initiative and independence.

The applicant for admission to graduate study must satisfy the Admissions Committee that all required secondary school and college credits have been secured and that the candidate has received a Bachelor's degree from a college of recognized standing. A transcript must be sent to the Registrar by the institution from which the applicant obtained his bachelor's degree. The Committee on Graduate Study reserves the right to require any applicant for graduate work to prove that he has a satisfactory background for such work by taking and passing such examination or examinations as the Committee may prescribe.

Total credit of 26 to 30 semester hours, including a thesis, is required of all candidates; 20 to 24 semester hours of this work must be done at the University of Akron. If both major and minor are laboratory sciences, the total credit required is 26 hours; if either major or minor is a laboratory science, the total credit required is 28; if neither major or minor is a laboratory science, the requirement is 30 hours. Four hours of credit may be granted for thesis. No work done more than five years previous to the date of granting the degree will be accepted in fulfilling the semester hour requirement. Six hours of graduate work may be done at another college subsequent to matriculation at the University of Akron. Graduate work done elsewhere previous to matriculation at the University of Akron will not be accepted.

No graduate credit will be granted for courses numbered under 200. Courses numbered 200-299 are primarily of senior (undergraduate) rank, and graduate credit may be established for these courses only when a greater amount and a higher quality (at least B) of work is done than is required of the undergraduate students. Courses numbered 300-399 are primarily graduate courses to which a very few undergraduates who have shown unusual ability may be admitted. Courses numbered 400-499 are graduate courses for which the prerequisite is a bachelor's degree.

For courses in the 300 and 400 series no credit toward the Master's degree will be allowed for work which receives the grade of D and not more than *six* hours of credit for work which receives a grade of C.

Choice of the major and the minor must have the approval of the Committee on Graduate Study. The minor may be elected in a college or division or department other than that in which the major is taken.

The thesis must have the approval of each member of the Thesis Committee before being accepted. The thesis topic must be selected by November 1 of the academic year in which the student expects to graduate. Two copies of the thesis must be presented to the Dean of Graduate Study two weeks before the Commencement at which the candidate receives his degree; one of these shall be placed in the library, the other given to the head of the department in which the thesis is written.

Not later than one semester previous to the period at which the work for the degree will presumably be finished, the student must file with the Registrar a notice of intention to apply for the degree.

Each candidate must pass a final written examination covering the major and minor fields.

A graduation fee of \$10.00 must be paid by the candidate when he applies for the degree.

A thesis fee of \$10.00 must also be paid before the degree is conferred.

THE DIVISION OF ADULT EDUCATION

LESLIE P. HARDY, M. S. ED., *Director*

THE EVENING SESSION

ADMISSION REQUIREMENTS AND REGISTRATION

There are no formal examinations for admission to the Evening Session, but students under 21 years of age must have completed a four-year high school course of study. If the student wishes to apply the credit gained toward a degree or diploma from the University of Akron, he must meet the requirements for admission as outlined for the college in which he is seeking the degree or diploma.

Students from other colleges should present a statement of good standing from the registrar of the institution last attended. If transfer students are expecting to continue in attendance at the University of Akron, it is necessary that a transcript and honorable dismissal be sent from the college last attended direct to the Registrar of the University of Akron.

Registration dates for 1937-38 are: First Semester—Friday and Saturday, September 17 and 18, 1937; Second Semester—Friday and Saturday, February 4 and 5, 1938. Registration is in Buchtel Hall. For late registration an additional fee of \$1.00 is charged.

AUDITORS

There is room in most classes for persons who want to audit work. Auditors are not required to participate in class discussions or examinations, and do not receive credit. The fee is the same as for regular credit enrolment. Designation as an auditor must be made at the time of registration.

ACADEMIC CREDIT

The unit of credit is the semester hour which requires class meetings totaling 15 clock hours or more for lecture-discussion types of classes with additional time for laboratory classes.

For graduation from the University, the student must present 128 semester hours with a quality point ratio of 1 for all work carried. No student is eligible for a degree unless he has the same ratio of quality points in his major subject as is required for graduation. Students taking the co-operative course in Engineering are required to present 137 semester hours. Candidates for a degree are required to file an application with the Registrar by February 15 of the year in which they expect to graduate.

CONSULTATION

The Director of Adult Education maintains office hours to consult with students concerning the selection of courses, and other academic problems. Programs of study leading to degrees should be carefully planned with the aid of the chairman of the division in which the major subject is taken. It is wise to obtain this advice previous to the registration period, although members of the faculty will be present on registration days to confer with those who come to register.

LOAD

For those holding full-time positions 6 credit hours of work in any semester are regarded as the maximum load that should be attempted. Special permission from the Director is required for a schedule in excess of 6 credit hours.

ATTENDANCE

Students are expected to be present at all meetings of classes for which they are registered. Upon request the instructor may permit a student to make up work missed through unavoidable absence. When a student has been absent from class twice as many hours as the subject offers credit in each semester, he may be dropped from the class upon recommendation of his instructor. Recommendation of the instructor and approval of the Director are necessary for reinstatement.

Necessary withdrawals on account of serious illness or other causes entirely beyond the control of the student will be ruled upon as the individual cases arise. Copies of the rules are printed on the reverse side of the student identification card given when fees are paid. Application blanks for adjustment of fees may be obtained at the Director's office.

The University reserves the right to cancel courses in which the registration is insufficient to warrant their continuance, in which case the fees are refunded. It is usually possible for the student to transfer to some other course being given.

THE COLLEGE OF EDUCATION

Those who are working toward graduation in the College of Education should consult with the following advisers concerning the curriculum requirements for the degree or diploma toward which they are working.

Kindergarten and Primary Elementary	MISS CLARA KEMLER
Elementary	MR. H. W. DISTAD
High School	MR. E. L. KUHNES
Art	MRS. JANE S. BARNHARDT
Commercial Subjects	MR. H. M. DOUTT
Music	MR. ELMER ENDE AND MISS GENEVIEVE RIDER
Industrial and Vocational Education	MR. J. R. STROBEL
Physical Education	MR. F. S. SEFTON

New students in the College of Education should confer with the proper advisers before they have registered, in order that they may avoid duplication of courses, especially if they have attended another college. In this case a transcript from the last institution attended should be sent directly from the college to the University Registrar, who will evaluate such work toward the degree sought. Certain courses in the College of Education are counted toward other degrees. Those desiring to count subjects in the College of Education toward other degrees should consult with the Dean of the college concerned or the Registrar.

STATE CERTIFICATE

All who are attempting to meet the requirements for a state certificate for teaching in the elementary grades may obtain at the office a list of the state requirements together with a statement of the courses which are being offered this year at the University and which will be acceptable in meeting these requirements.

GRADING SYSTEM

Information concerning the grading system will be found in the General Regulations section of the catalog.

STUDENT ACTIVITIES

The Evening Session Student Council is organized through the election of class representatives who, in turn, select the Student Senate, composed of eight members. The Senate, thus selected, is the directing force of the Council, having in charge the promotion of all student activities and matters incident to student self government.

The Evening Theatre, which is open to all students of the Evening Session interested in dramatics, presents one or more major productions each year, and also numerous one-act plays.

The A E Honorary Fraternity is made up of those students who have met the requirements for an A E Key, which is awarded on the basis of activities and scholarship in the Evening Session.

Other activities of the Evening Session are found in the Handbook of Evening Organizations.

CLASS SCHEDULE

Each course scheduled is followed by a number which is used to identify it. For example, Accounting 43 is offered the first semester; therefore 42 is written under the prerequisite column, and should be completed before enrolling in the course numbered 43.

Under the column headed "credit hours" is the number of credits allowed at the completion of the course toward the appropriate degree. If the number of credits is enclosed in parentheses, it indicates that no college credit is attached to the course. Ordinarily the fee depends upon the number of credits.

INSTITUTES

In addition to non-credit courses offered on the regular schedule, the Division of Adult Education arranged a series of institutes or short-term, non-credit courses which in most cases were held off the campus during 1936-37. These classes carry a fee of \$3.00 a person per subject, except in special cases where instructional costs are greater.

Institutes for the following groups and organizations were held:

- The B. F. Goodrich Company employees.
- Bell Telephone Co.
- Police School.
- Summit County Emergency Teachers.
- Summit County Children's Home.
- The Ohio Teachers Reading Circle.
- The Alumni Forum.
- The University Speakers Forum.

SCHEDULE OF EVENING CLASSES—1936-37

Semester	Subject	Prereq- uisite	Cr. Hrs.	Days	Time	Instructor
ART						
1	Art Appreciation, 29		2	W	6:00-7:50	Barnhardt
2	Design, 22		2	W	6:30-9:15	Barnhardt
1	Art for the Grades, 121		2	M	6:30-9:15	Riblet
1-2	Still Life, 111-112		2	W	6:30-9:15	Cable
2	Crafts, 102		2	Th	6:15-9:15	Cable
1-2	Commercial Art, 131-132		2	T	6:30-9:15	French
1	Advanced Commercial Art, 133		2	Th	6:30-9:15	French
2	Advanced Commercial Art, 134		(2)	Th	6:30-9:15	French
1-2	History of Art, 202a-202b	125	2	M	6:00-7:50	Barnhardt
BIOLOGY						
1-2	Bacteriology, 107-108	8 Hrs.	2	M	6:00-7:50	Fox
1-2	General Botany, 52 1-2	51	2	W	6:00-9:50	Miller
1-2	General Zoology, 61		2	Th	6:00-9:50	Jones
CHEMISTRY						
1-2	Metallurgy, 133-134		2	M	6:00-7:50	Schaefer
1-2	General Chemistry, 21-1		2	T	6:00-9:50	Cool
1-2	Rubber Chemistry, 215-216	108	2	W	6:00-7:50	Cramer
1	Chem. Thermodynamics, 313	114	2	Th	6:00-7:50	Haas
COMMERCE						
1-2	Accounting, 21-22a		3	M-W	6:00-7:50	Hilliard
1-2	Accounting, 21-22b		3	M-W	8:00-9:50	Hilliard
1-2	Accounting, 21-22c		3	T-Th	6:00-7:50	Hauser
1-2	Accounting (2nd Yr.), 43-124	22	3	T-Th	8:00-9:25	Hauser
1	Auditing, 129		3	M-W	8:00-9:25	McKee
2	Advanced Accounting, 130		3	M-W	8:00-9:25	McKee
1-2	Income Tax, 133-134	124	3	M-W	6:25-7:50	McKee
1	Advertising, 185		3	T-Th	8:00-9:25	Busbey
2	Advanced Advertising, 186	185	3	M-W	8:00-9:25	Busbey
1	Business Administration, 61		3	M-W	6:25-7:50	Hampel
2	Business Administration, 61		3	T-Th	6:25-7:50	VanMetre
2	Business Management, 162	61	3	M-W	6:25-7:50	Hampel
1	Business Finance, 171		3	M-W	8:00-9:25	Hampel
1-2	Business Law, 141-142		3	M-W	8:00-9:25	Powers
2	Real Estate Law, 146		2	T	8:00-9:50	Burroughs
1	Marketing, 183		3	T-Th	6:25-7:50	Leigh
1	Salesmanship, 81		3	T-Th	8:00-9:25	Leigh
2	Retailing, 193		3	T-Th	8:00-9:25	Leigh
ECONOMICS						
1-2	Principles of Economics, 41-42		3	M	8:00-9:50	O'Hara (1st)
1	Money and Banking, 103	42	3	& W	8:00-8:50	Ford (2nd)
2	Public Finance, 108	42	2	M-W	6:25-7:50	Ford
				W	6:00-7:50	O'Hara
EDUCATION						
1	Principles of Geography, 71		2	T	6:00-7:50	Snyder
1	Introduction to Education, 55		3	M-W	6:25-7:50	Snyder
2	Principles of Education, 109		3	M-W	6:25-7:50	Hinton
1	Educational Sociology, 65		3	T-Th	8:00-9:25	Hinton
2	Geography of Europe, 73		3	T-Th	6:25-7:50	Snyder
2	History (Cont. & Meth.), 138		2	T	8:00-9:50	Snyder
2	Reading (Cont. & Meth.), 135		3	M-W	6:00-7:50	Kemler
1	School Management, 115	Permission	2	Sat	8:00-9:50	Distad
1	Methods in Secretarial Subjects	Permission	2	Sat	10:00-11:50	Flint
2	Methods in Bookkeeping and General Business		2	Sat	10:00-11:50	Flint
1	Speech Problems of Pre-School and Primary Children		2	W	8:00-9:50	Davis
1	Creative Dramatization for Children		2	T	6:00-7:50	Davis
2	Methods in Teaching French		(2)	T	4:00-5:30	Chalfant
EDUCATION—GRADUATE						
1-2	Comparative Education 43-44		2	M	6:00-7:50	Kuhnes
1	Philosophy of Education, 201		2	W	8:00-9:50	Kuhnes
2	†Educational Problems, 324		2	W	8:00-9:50	Kuhnes
1	†Educational Statistics, 311		2	Sat	10:00-11:50	Stagner
2	Sec. School Administration, 320		2	Sat	10:00-11:50	Kuhnes
1	Sec. Sch. Tests & Meas., 312		2	W	6:00-7:50	Stagner
1	Supv. of Instruction, 322		2	Th	6:00-7:50	Distad
1	†Technique of Research, 425		2	M	8:00-9:50	Distad
2	Educational Diagnosis, 313		2	Th	6:00-7:50	Distad

Semester	Subject	Prereq- uisite	Cr. Hrs.	Days	Time	Instructor
ENGINEERING						
1-2	Engineering Drawing, 21-22a		2	M-W	6:25-9:15	Maclachlan
1-2	Engineering Drawing, 21-22b		2	T-Th	6:25-9:15	Statler
1	Machine Drawing, 176	22	2	M-W	6:25-9:15	Wilson
1-2	Mech. Drawing & Blue Pt. Reading	(2)	2	Th	6:00-9:25	Griffin
1	Refrigeration	(2)	2	W	8:00-9:50	Upp
2	Air Conditioning	(2)	2	W	8:00-9:50	Borkat
1	Elementary Aeronautics	(2)	2	T	6:00-7:50	Betz
1-2	Industrial Electricity, 21-22		4	M-W	6:25-9:15	Walther
1-2	Roofs and Bridges, 103-104	Permission	2	T	6:00-7:50	Bulger
1-2	Surveying, 21-22		2	M	8:00-9:50	Durst
ENGLISH						
1-2	Freshman English, 1-2a		3	M-W	6:25-7:50	Wishart
1-2	Freshman English, 1-2b (2 sections)		3	T-Th	8:00-9:25	Putman & Stickney
1	Freshman English, 1c		3	M-W	8:00-9:25	Wishart
1	Freshman English, 2	1	3	M-W	6:25-7:50	Roberts
2	Freshman English, 1a		3	M-W	8:00-9:25	Whitney
2	Freshman English, 1b		3	T-Th	6:25-7:50	Stickney
1	Contemporary Fiction, 49	2	3	T-Th	8:00-9:25	Wishart
2	Contemporary Drama, 50	2	3	T-Th	8:00-9:25	Putman
1-2	Types of Literature, 45-46	2	3	M-W	8:00-9:25	Roberts
1-2	Middle English, 207-208	Grads	3	T-Th	6:25-7:50	Pease
2	Bible Literature, 114	45-46	3	M-W	6:25-7:50	Spanton
HISTORY						
1-2	United States Hist., 41-42		3	M-W	6:25-7:50	Moore
1	Amer. Colonial History, 221		3	M-W	4:00-5:30	Moore
2	Foundations of American Nationalities, 222	Srs.	3	M-W	4:00-5:30	Moore
1	French Revolution, 241	Permission	3	T-Th	6:25-7:50	Sappington
2	Historiography, 242	Permission	3	T-Th	6:25-7:50	Sappington
HOME ECONOMICS						
1-2	General Foods, 46-1-2	13	2	Th	6:00-9:50	Tobin
1-2	Nutrition, 119-120	1	3	M-W	6:25-7:50	Davison
2	Clothing Construction		(2)	T	6:00-7:50	Lathrop
INDUSTRIAL ARTS						
1-2	Handicrafts in the El. School		2	W	5:00-7:00	Moore & Hamburger
1-2	Advanced Handicrafts in the El. Sch.		2	W	5:00-7:00	Moore & Hamburger
INTRODUCTORY COURSES (General College)						
1-2	Introduction to Humanities, 7-8		3	M-W	8:00-9:25	Keister
2	Introduction to Social Sciences, 5		3	T-Th	8:00-9:25	Sherman
2	Introduction to Hygiene and Phys. Ed. With Men's Lab. Section	3	2	M-W	6:25-7:50	Dreisbach
				M-W	4:00-5:00	Sefton
JOURNALISM						
1	News Writing and Editing, 55		2	T	6:00-7:50	Vance
2	Feature Writing, 166		2	T	6:00-7:50	Vance
MATHEMATICS						
1-2	Algebra, 21a		4	M-W	6:00-7:50	Bender
1	Algebra, 21c		4	M-W	6:00-7:50	Tabler
1	Algebra, 21b		4	T-Th	6:00-7:50	Lipscombe
2	Algebra, 21b		4	T-Th	6:00-7:50	Tabler
2	Trigonometry, 22		4	T-Th	6:00-7:50	Lipscombe
1-2	Business Mathematics, 58	21	2	M	8:00-9:50	Selby
1-2	Analytic Geometry, 43	21 & 22	2	M	6:00-7:50	Selby
1-2	Advanced Calculus, 201-202	6 Hrs.	2	W	8:00-9:50	Jones
MODERN LANGUAGES						
1-2	German (First Year), 21-22		4	T-Th	6:00-7:50	Albrecht
1-2	Spanish (Second Year), 43-44		3	T-Th	8:00-9:25	Albrecht
1-2	French (Second Year), 43-44		3	T-Th	8:00-9:25	Glennon
2	Methods in Teaching French		(2)	T	4:00-5:30	Chalfant
MUSIC						
1-2	Appreciation of Music, 22		2	W	6:00-7:50	Ende
2	General Theory, 21		1	M	8:00-9:50	Ende
2	Sight Singing and Ear Training, 81		2	W	6:00-7:50	Rider
1	Keyboard Harmony, 109		2	M	6:00-7:50	Ende
1	Kindergarten-Primary Music, 85		2	W	6:00-7:50	Rider
1-2	Voice Class, 116		1	T	6:50-7:50	Stein
1-2	Advanced Voice Class, 117		1	T	6:00-6:50	Stein

Semester	Subject	Prereq- uisite	Cr. Hrs.	Days	Time	Instructor
PHILOSOPHY						
1	History of Philosophy, 103		3	M-W	8:00-9:25	Wood
2	Ethics, 105		3	M-W	8:00-9:25	Wood
PHYSICAL EDUCATION						
1-2	School Health, 117-118		2	M	8:00-9:50	Smith
1	Organization & Administration of Municipal Recreation		(2)	W	8:00-9:50	Edmund
2	Industrial Recreation		(2)	W	8:00-9:50	Edmund
PHYSICS						
1-2	Physics (with Lab.), 4:1-2	3-2	2	T	6:25-9:25	Gray
1-2	Physics, 121		2	Sat	11:00-	Householder
POLITICAL SCIENCE						
1	Municipal Corporations, 106		3	T-Th	6:25-7:50	Crecraft
1	American Nat'l Government, 43		3	M-W	8:00-9:25	King
2	American State Government, 42		3	T-Th	6:25-7:50	King
PSYCHOLOGY						
1	General Psychology, 41		3	T-Th	8:00-9:25	Stagner
2	General Psychology, 41		3	T-Th	6:25-7:50	Hayes
2	Applied Psychology, 42	41	3	T-Th	8:00-9:25	Stagner
2	Educational Psychology, 52	41	3	T-Th	8:00-9:25	Distad
2	Psy. of Adolescence	6 Hrs.	2	T	8:00-9:50	Hayes
1	Child Psychology, 105	41	3	T-Th	6:25-7:50	Hayes
PSYCHOLOGY—GRADUATE						
1-2	†Psychological Systems, 407-408		2	Th	8:00-9:50	Hayes
2	†Adv. Educa. Psychology, 305		2	W	6:00-7:50	Wood
1	Genetic Psychology, 209		2	Sat	8:00-9:50	Stagner
2	Social Psychology, 210		2	Sat	8:00-9:50	Stagner
SECRETARIAL SCIENCE						
1	Secretarial Theory, 23		2	W	6:00-7:50	Hine
2	Office Methods, 26		3	M-W	6:00-7:50	Hine
1-2	Business English, 35		2	T	6:00-7:50	Cohen
1-2	Business Letters, 93		2	T	8:00-9:50	Doutt
1-2	Shorthand Theory (First Year), 41-42a		3	T-Th	6:20-7:50	Lelay
1	Shorthand Theory, 41b		3	T-Th	6:25-7:50	Dodge
2	Shorthand Theory, 41		3	M-W	8:00-9:25	Dodge
2	Typewriting, 51		2	M-W-Th	6:25-7:50	Early
1-2	Typewriting (Beginning), 51-52		2	M-T-Th	8:00-9:30	Reed
1-2	Adv. Shorthand & Typewriting, 83-84	42-52	3	T-Th	6:25-8:50	Tenney
1	Adv. Shorthand & Typewriting, 85	84	2	T-Th	6:25-7:50	Flint
2	Advanced Dictation, 185	85	2	T-Th	6:25-7:50	Flint
1	Methods in Sec. Subjects	Permission	2	Sat	10:00-11:50	Flint
2	Methods in Bookkeeping and General Business		2	Sat	10:00-11:50	Flint
SOCIOLOGY						
1-2	Tech. of Social Case Work, 251		2	T	4:00-5:50	Voges
1	Sociology of Leisure Time, 205		41	M-W	8:00-9:25	DeGraft
2	General Sociology, 41		3	M-W	8:00-9:25	DeGraft
2	Social Origins, 208		2	W	6:00-7:50	DeGraft
2	Population Movements, 210		3	M-W	8:00-9:25	Kruse
SPEECH						
1	Bus. Men's Pub. Speaking, 47		2	T	6:00-8:00	Turner
1.2	Bus. Men's Pub. Speaking, 47		2	M	6:00-7:50	Turner
1.2	Bus. Men's Adv. Pub. Speaking, 48		2	M	8:00-9:50	Turner
1.2	Public Speaking, 41		3	T-Th	8:00-9:25	Hayworth
2	Interpretation, 51	41	3	T-Th	6:25-7:50	Hayworth
2	Adv. Public Speaking, 42	41	3	T-Th	8:00-9:25	Dye
1	Radio Speaking, 181		3	T-Th	8:00-9:25	Hayworth

† Required for Masters Degree in Education or Psychology.
 Courses Numbered 1 to 40 are regarded as freshman subjects.
 41 to 99 sophomore subjects.
 100 to 199 junior subjects.
 200 to 299 senior subjects.
 300 to 400 graduate subjects.

1937 SUMMER SESSION

The Summer Session is an integral part of the University's program. The standards of academic and professional achievement are equivalent to those of the regular session and the courses taught and the instructors, with a few exceptions, are the same as for the fall and spring semesters. Credit obtained is fully recognized toward the various degrees and certificates which the University confers.

The sixteenth annual Summer Session begins Monday, June 21, and closes Friday, July 30.

ADMISSION REQUIREMENTS AND REGISTRATION

There are no formal examinations for admission, but students under 21 years of age must have completed a four-year high school course of study. If the student wishes to apply the credit toward a degree or diploma from the University of Akron, he must meet the admission requirements of the college in which he is seeking the degree or diploma.

Students from other colleges should present a statement of good standing from the registrar of the institution last attended.

ACADEMIC CREDIT

The unit of credit is the semester hour which requires class meetings totaling fifteen clock-hours for lecture-discussion classes, with additional time for laboratory classes.

All classes meet five days a week. A two-hour class meets daily for a period of one hour for six weeks. A three-hour class meets 1½ hours a day for six weeks.

All courses offered in the Summer Session are credited in the College of Education. Students receive reports by mail, at the close of the session, indicating the quality of work done and the amount of credit granted.

No student is allowed to enroll for courses aggregating more than six semester hours, except upon the approval of the Director.

REGISTRATION

Registration for the 1937 Summer Session will be held in Rooms 37 and 38, Buchtel Hall, June 21, from 8:00 a. m. to 4:00 p. m. Any person registering after June 21 will be charged a late registration fee of \$5.00. Late registrants should report to the office of the Director. All changes in courses must pass through the Director's office.

All fees, including tuition and laboratory fees, must be paid to the Treasurer of the University as a part of registration. Registration and payment of fees should be made in person on June 21, or by mail before this date.

FEES

All fees are payable at the Treasurer's office before the student enters classes. A plan of deferred payments may be made with students who establish satisfactory credit arrangements. There is a small carrying charge for this service.

Maintenance fees for all students per credit hour	\$6.00
Student activity fee	1.00
Late fee (applied after Monday, June 21)	5.00

APPOINTMENT BUREAU

The Dean of the College of Education is chairman of the Appointment Bureau for Teachers. Summer Session students may enroll for appointment without extra fee.

PRACTICE TEACHING

Student teaching will be done in the Akron and Barberton public schools. All requests for student teaching must be made before May 15 with the understanding that those first enrolled will be assigned first. Notification will be given early in June. A deposit of \$10.00 is required with each enrolment.

CERTIFICATION

Teachers who are planning the completion of regular two-year courses for state certificates may complete this work in summer sessions at the University of Akron and in addition receive college credit toward a degree. Many subjects taught in the summer sessions are also credited toward degrees in the other colleges of the University.

Students who expect to complete the requirements at the close of the 1937 Summer Session for two or three-year diplomas should file application in the registrar's office the first week of the Summer Session. A fee of \$2.00 will be charged.

HIGH SCHOOL CERTIFICATES

One who has trained in a special field and wishes to qualify for the high school four-year provisional certificate must, in addition to the professional courses required for the special certificate, possess the following credits:

Organization and management in the academic field	2 semester hours
Special methods in an academic major or minor	2 semester hours
Student teaching in the high school academic field	2 semester hours
Total	6 semester hours

ELEMENTARY SCHOOL CERTIFICATES

In view of the fact that many who train for secondary work may wish later to go into elementary teaching, the following work in the elementary field is prescribed, as additional to that necessary for a

high school provisional certificate, in order to obtain an elementary provisional certificate:

Special Methods in three elementary subjects, one of which must be reading	6 semester hours
Practice teaching in the elementary field	2 semester hours
Music in the grades	2 semester hours
Art in the grades	2 semester hours
Health Education in the grades	2 semester hours
Total	14 semester hours

GRADUATE STUDY

The Summer Session program offers opportunity for study on the graduate level. Students interested in graduate courses for advanced study should confer with the instructors in their specialized fields and with the Dean of Graduate Study if they wish to declare themselves candidates for the Master's degree.

SPECIAL GRADUATE COURSE

A special course in Problems in Secondary Education will be conducted throughout the six-week summer session by Dr. H. C. Morrison, University of Chicago; Dr. W. H. Cowley, Ohio State University, and Dr. Franklin H. McNutt, State Department of Education.

EVENING CLASSES

Several subjects will be offered in the evening during the Summer Session. This plan proved successful last year and in response to the early requests this year, there will be offered classes in Trigonometry, Applied Psychology, Introduction to Social Science, Machine Drawing, and Business Management.

COACHING SCHOOL

Mr. Lynn Waldorf, Northwestern University, and Mr. Paul Hinkle, Butler University, in cooperation with Mr. James Aiken and Mr. Paul Bixler of the University of Akron, will conduct a special football and basketball coaching school for one week, June 21-25 inclusive. This course will consist of theory and chalk talks during the morning and demonstrations during the afternoon.

DEMONSTRATION NURSERY SCHOOL

A demonstration Nursery School will serve as a laboratory in Child Psychology and offer an opportunity for those who desire practice teaching in this field.

STUDENT ASSEMBLIES

The University sponsors an entertainment course during the summer term. Noted lecturers and musicians are presented.

TOURS

A tour of the Goodyear Tire and Rubber Co., the Guggenheim Institute, Akron Airport, Weather Bureau, and a bus trip around the Portage Lakes and the Metropolitan Park district will be conducted by experienced guides.

SCHEDULE OF CLASSES—1937

Dept.	Prereq- uisite	Cr. Hrs.	Time	Instructor	Room
ART					
Structural Art, 21		2	8:00- 9:53	Cable	PH
Art Appreciation, 29		2	10:00-10:53	Barnhardt	PH
Weaving, 107	106	2	10:00-11:53	Cable	PH
Still Life (Water Color), 111		2	11:00-12:53	Barnhardt	PH
BIOLOGY					
General Geology, 41-42 (8 wks.)		8	{ 8:00-10:00 10:20-12:20	Acquarone	O-31
CHEMISTRY					
Quantitative Analysis, 105-6 (8 wks.)	44	8	8:00-12:00	Cook	K-36
COMMERCE					
Business Law, 51		3	11:00-12:20	Hilliard	E-271
Selling and Advertising, 81		3	9:00-10:20	Leigh	E-271
Business Mgt., 162 (M.T.Th.—Eve.)	61	3	6:30- 8:45	Hilliard	B-25
Principles of Advertising, 185		3	7:35- 8:53	Leigh	E-271
ECONOMICS					
Principles of Economics, 41		3	7:35- 8:53	O'Hara	K-22
Labor Problems, 106	42	3	10:35-11:53	O'Hara	B-26
EDUCATION					
Activity School (Methods)		3	8:00- 8:53	Kemler	
Introduction to Education, 55		3	9:00-10:20	Snyder	E-157
Geography of North America, 72		2	10:00-10:53	Adams	B-38
Tests and Measurements, 105		2	11:00-11:53	Distad	E-277
Principles of Education, 109	Jrs.	3	7:35- 8:53	Light	B-15
Story Telling, 111		3	10:00-11:20	Kemler	E-261
High School Methods, 113	Jrs.	2	10:00-10:53	Fisher	B-13
School Management, 115		2	7:00- 7:53	Kuhnes	B-22
Student Teaching, 124	Srs.	4	Appointment	Kuhnes	B-13
Reading, Content and Method, 135		3	7:35- 8:53	Distad	E-165
Arithmetic, Content and Method, 136		2	11:00-11:53	Snyder	B-15
History, Content and Method, 138		2	9:00- 9:53	Adams	E-279
GRADUATE—EDUCATION					
Educational Statistics, 311		2	9:00- 9:53	Distad	B-38
Educational Philosophy, 323		2	9:00- 9:53	Fisher	B-12
Special Problems in Sec. Edu. ....12 hrs.		3	10:00-11:20	Special Staff	B-32
ENGINEERING					
Engineering Drawing, 21		2	8:00-10:53	Wilson	E-243
Surveying, 21-22		2	11:00-12:53	Durst	E-279
Applied Mechanics 145		3	8:00- 9:20	Gilmour	
ENGLISH					
English, 1		3	9:00-10:20	Stickney	E-161
English, 2	1	3	9:00-10:20	Roberts	E-159
English, 2 (Evening)	1	3	6:30-8:45		B-32
Types of Literature (Prose), 45	2	3	11:00-12:20	Roberts	E-159
American Literature, 48	47	3	9:00-10:20	Raw	E-165
Victorian Literature, 106	2	3	10:00-11:20	Pease	B-37
18th Century Fiction, 121	2	2	9:00- 9:53	Pease	B-37
Phonetics, 205	Srs.	3	8:00- 9:20	Hayworth	B-32
HISTORY					
Modern European, 45		3	7:35- 8:53	Sappington	B-25
Europe 1870-1914, 145		3	9:00-10:20	Sappington	B-25
American Colonial, 221	Srs. or Grads.	3	11:00-12:20	Moore	B-25
HOME ECONOMICS					
Elementary Clothing, 22		4	10:00-11:53	Lathrop	C-7
Nutrition, 120	119	3	7:35- 8:53	Davison	C-7

Dept.	Prereq- uisite	Cr. Hrs.	Time	Instructor	Room
INTRODUCTORY COURSES					
Intro. to Hygiene and Phys. Education, 4...		2	11:00-11:53	Stagner	E-163
Intro. to Social Sciences, 6		3	7:35- 8:53	Sherman	E-163
Intro. to Soc. Sciences, 6 (M.T.Th.—Eve.)		3	6:30- 8:45	Sherman	B-37
Introduction to Humanities, 7		3	7:35- 8:53	Keister	E-155
Introduction to Natural Sciences, 9		3	11:00-12:20	Gray	E-155
MATHEMATICS					
Algebra, 21		4	9:00-10:53	Jones	E-165
Trigonometry, 22 (M.T.Th.—Evening)		3	6:30- 8:45	Bender	B-26
Calculus, 56	55	3	9:00-10:20	Bender	O-25
History of Mathematics, 104	22	2	11:00-11:53	Jones	E-165
MODERN LANGUAGES					
German, 21		4	8:00- 9:53	Bulger	B-22
French, 21		4	10:00-11:53	Fanning	B-22
MUSIC					
Appreciation of Music, 22		2	8:00- 8:53	Ende	S-113
Sight Singing, 82		2	9:00- 9:53	Rider	S-214
Kindergarten-Primary Music, 85	81 or Per.	2	10:00-10:53	Rider	S-214
Kindergarten-Primary Music, 86	81 or Per.	2	11:00-11:53	Rider	S-214
Organ, Piano		1	By Appointment		
PHYSICAL EDUCATION					
Principles of Athletics, 105		2	11:00-11:53	Aiken	Gym
School Health, 117		2	11:00-11:53	Smith	O-21
Municipal and Industrial Recreation		2	7:35- 8:30	Edmund	Gym
Swimming, Tennis and Archery		1	12:00-12:53	Smith	Gym
First Aid and Massage		2	10:00-10:53	Smith	Gym
POLITICAL SCIENCE					
American State & Local Government, 42		3	11:00-12:20	Creecraft	E-157
American Diplomacy, 44		3	8:00- 9:20	Creecraft	E-167
PSYCHOLOGY					
General Psychology, 41		3	7:35- 8:53	Wood	B-26
Applied Psychology, 42 (M.T.Th.—Eve.)	41	3	6:30- 8:45	Hayes	B-22
Educational Psychology, 52	41	3	10:00-11:20	Wood	E-167
Child Psychology, 105	52	2	9:00- 9:53	Hayes	B-15
PSYCHOLOGY—GRADUATE					
Advanced Social Psychology, 302	12 hrs.	2	12:00-12:53	Stagner	B-38
Mental Testing, 315	12 hrs.	2	8:00- 8:53	Hayes	B-38
SECRETARIAL SCIENCE					
Office Methods, 26		3	8:00- 9:53	Doutt	E-269
Typewriting, 31		2	{ 7:40- 8:53 10:30-11:53	Flint	E-263
Typewriting, 52	51	2	{ 7:40- 8:53 10:30-11:53	Self	E-275
Business Letters, 93		2	10:00-10:53	Doutt	E-269
SOCIOLOGY					
Criminology, 112	41	3	9:00-10:20	DeGraff	E-277
Modern Social Problems	41	2	7:35- 8:30	DeGraff	E-277
SPEECH					
Public Speaking, 41		3	7:35- 8:53	Dye	B-12
Debate (Coaching), 45	41	2	9:00- 9:53	Dye	B-13
Phonetics, 205		3	8:00- 9:20	Hayworth	B-32

COMMUNITY CO-OPERATION

The University of Akron, as a municipal university, aims to bring all of its departments into close touch with the activities of the city of Akron.

The following covers the work of the past year.

THE TESTING LABORATORY OF THE CITY OF AKRON

In accordance with the proposal made by the Directors of the University and accepted by the Akron City Council, the Testing Laboratory does much of the chemical and physical testing work of the city. It serves especially the Board of Education, the Police Department, the Service Department, and the Coroner's Office. It answers many calls requesting chemical or other technical information. The Testing Laboratory uses the facilities of the Chemistry and Engineering Laboratories.

DEPARTMENT OF BIOLOGY

Close affiliation is maintained with the City Health Department. Bacteriological and serological testing and investigations are carried on in connection with the various clinics and hospitals. A "blood squad" composed of selected students is held in readiness for emergency transfusions. Facilities are provided for research work on the part of some of the surgeons of the city. Lectures and informal talks have been given before luncheon clubs and other organizations in Akron and vicinity. Identification of zoological and botanical specimens is made from time to time by various members of the department.

DEPARTMENT OF CHEMISTRY

Two fellowships in the chemistry of rubber technology, open to graduates of standard American colleges, have been established at the University of Akron by the Goodyear Tire and Rubber Company and the Firestone Tire and Rubber Company, for the purpose of training men for service in their laboratories.

DEPARTMENT OF HOME ECONOMICS

Students in the Department of Home Economics are encouraged to take active part in clinics and private agencies which deal with problems related to home life. Special problems are selected by or assigned to mature students for study in such organizations as the Family Service Society, the public schools, and hospitals. Many students participate in program planning for women's organizations. They assist commercial firms in demonstrations and contests of consumers' goods. Studies in regard to selection and purchase of consumer's goods are made and reports are given to the public on their findings. Students use family case studies in economic, management, and feeding problems with a view to helping families make adjustments. Many students apply their knowledge of textiles, clothing, and house furnishing to department store selling.

DEPARTMENT OF PHYSICAL EDUCATION

Summer camp work is planned by the staff in Physical Education for boys in Akron. Students majoring in the department are doing playground and camp work in and near the city.

DEPARTMENT OF SOCIOLOGY

The Department of Sociology has active affiliations with the Summit County Children's Home, the Family Service Society, the Juvenile Court, and the City Hospital. These institutions and agencies provide the supervised training for the students who are actively interested in entering the profession of social welfare work.

The Census Tract Maps for the City of Akron are under the direct supervision of the department of sociology. Surveys and special supervised studies are conducted by the department. Students are also trained in statistical research.

The department conducts an annual two-day Social Welfare Institute complimentary to the City of Akron and contiguous areas.

DEPARTMENT OF SPEECH

A student assistant, under the supervision of a member of the teaching staff, has directed the speech clinic, to which any one in Akron was privileged to come for advice regarding speech defects, and which offered remedial training to a limited number. The Speakers' Bureau furnished speakers to over 300 audiences. A number of one-act plays were presented for various organizations. A county-wide radio play writing contest was conducted in co-operation with the Akron Peace Council.

THE LIBRARY

The resources of the library are open to citizens of Akron for reference during the regular library hours, and for circulation in so far as the demands of class-work upon the collection will permit.

THE DIVISION OF ADULT EDUCATION

In addition to the credit and non-credit courses of study offered in the Evening Session and the Summer Session, non-credit institute classes are arranged to meet the needs of many persons who need practical training for a particular vocation or avocation. Most institutes are organized on a six to twelve-week basis, with an enrolment fee of \$3.00 per person. Institute classes were organized and conducted the past year for the B. F. Goodrich Company employees, foster mothers at the Summit County Children's Home, Playground and Recreational Institute, Police Training School, Landscape Painting Institute. More than 1,000 persons were accommodated with this program.

THE COLLEGE OF ENGINEERING

Students in the College of Engineering work part-time in foundries, machine shops, and rubber factories on construction and railroad work, and in municipal and county engineering departments. Engineering instructors make numerous tests of materials and equipment, and the facilities of the department are available to the technical men in local organizations for testing purposes.

COMMERCE DEPARTMENT

This department makes traffic and occupancy surveys and consumer and advertising studies of a community nature, and investigations of accounting and business problems. Also, it issues a monthly bulletin analyzing business trends in Akron.

THE COLLEGE OF EDUCATION

In addition to the preparation and training of teachers for the Akron Public School System, the College of Education aims to increase the opportunities for continued training to teachers already in service. Late afternoon, evening and Saturday courses are offered. Students are required to do practice teaching for one semester before graduation. This is made possible through the co-operation of the Board of Education.

SUMMARY OF STUDENTS IN DAY CLASSES

BUCHTEL COLLEGE OF LIBERAL ARTS

	Men	Women	Total
Graduate Students	12	2	14
Humanities Division	20	46	66
Social Science Division	40	43	83
Natural Science Division	44	7	51
Irregular Students	13	8	21
	<u>129</u>	<u>106</u>	<u>235.... 235</u>

COLLEGE OF ENGINEERING AND COMMERCE

ENGINEERING			
Graduate Students	1	..	1
Regular Students	53	..	53
Irregular Students	12	..	12
	<u>66</u>	<u>0</u>	<u>66.... 66</u>
COMMERCE			
Graduate Students	2	..	2
Regular Students	45	1	46
Irregular Students	8	..	8
	<u>55</u>	<u>1</u>	<u>56.... 56</u>
SECRETARIAL SCIENCE			
Graduate Students .....	..	2	2
Regular Students	7	22	29
Irregular Students .....	..	1	1
	<u>7</u>	<u>25</u>	<u>32.... 32</u>

COLLEGE OF EDUCATION

Graduate Students	7	7	14
Regular Students	22	65	87
Irregular Students	5	5	10
	<u>34</u>	<u>77</u>	<u>111.... 111</u>

THE GENERAL COLLEGE

New Freshmen	273	178	451
Others	331	250	581
	<u>604</u>	<u>428</u>	<u>1032....1032</u>
			<u>1532</u>

SUMMARY OF ALL STUDENTS IN THE UNIVERSITY

1936-1937

	Men	Women	Total
Graduate Students	22	11	33
Upper Colleges	231	184	415
General College	591	422	1013
Irregular Students	51	20	71
<hr/>			
Total Day Session Enrolment	895	637	1532
Total Evening Session Enrolment	1227	719	1946
Total Summer Session Enrolment (1936)	163	244	407
<hr/>			
	2285	1600	3885
Less Duplicates	140	111	251
<hr/>			
Total Net Enrolment	2145	1489	3634

ENROLMENT BASED ON STUDENT CREDIT HOURS

	Total Student Cr. Hrs.	Full-time *Student Equivalent
Buchtel College of Liberal Arts	7,019	219.3
College of Engineering and Commerce	5,188	162.1
College of Education	4,624	144.5
General College	24,565	767.7
Evening Session	10,079	315.0
<hr/>		
	51,475	1,608.6
Summer Session (1936)	1,785	55.8
<hr/>		
	53,260	1,664.4

*A full-time student is the equivalent of one student pursuing a normal full-time load (32 hours) for the academic year.

DEGREES CONFERRED JUNE 16, 1936

BUCHTEL COLLEGE OF
LIBERAL ARTS

Bachelor of Arts
Margaret Elizabeth
Alexander
Jennie M. Amos
Caroline Virginia Bauman
Dorothea Marguerite
Baumgardner
Jack Thomas Behra
Betty Louise Bellinger
James Carlton Blalock
Jean Alice Booth
Mary Virginia Britton
Francis Cedric Browne
Charlotte Josephine
Burdette
Elizabeth Ann Cullen
Beatrice Elizabeth Currie
Earl Henri Davis
Florence Mae Davis
Margaret Louise Dixon
Robert Bertram Dobie
Lloyd LeRoy Ecrement
Elizabeth Emilie Fischer
Jean I. Fraser
John William Fretz
Helen McCaughey Gehman
Fred H. Glenn
William Dyer Grampp
Virginia Lenore Gregory
Fernando Ilan Gutierrez
Robert Harry Hivnor
Richard Charles Hoff
John Robert Hull
Gilbert Harry Jauchem
Fred Byron Keller
John Richard Ladd
Janice Land
Sigvard V. Larson
John Winford Leonard
Marjorie Emma McMullan
Eugene Thomas Maloney
Solomon Miller
Robert Emerson Mohler
Mary Mott Mullen
Dorothy Mae Nesbitt
George Olegar
Leona Martha Olsen
Eugene Joseph O'Neil
Carolyn Russell Osgood
Evelyn Mildred Ost
Ruth Penfield Pease
Florence Carothers Porter
Sol Radam
Walter B. Rodehaver
Hazel E. Ruble
George Albert Ryser
Harry Nelson Schaller
Charles Philip Schifano
Martha Johanna Schlichting
Emmert Samuel Shaffer
Philip Stone Sherman
Robert Eugene Sipes
Dorothy Elizabeth Smith
Samuel Wilfred Somerville
Dorothea Mary Sprinkle
Marion Katherine Terrass
Beatrice M. Toharsky

Frank Elmer Tryon, Jr.
John Merrill Ulman
Helen Mae Vallish
Charles Walker
Jane Ellen Watters
Maxine Wohlford
Byron Savage Wunderly
Ruth Elizabeth Zesiger

Bachelor of Science
Thomas Boyd
Maxwell Charles Bozick
Donald Elias Carter
John Wilbur Churchill
Leo Michael Feinsilver
Edward Gulbis
Louis B. Haberman
John Frederick Kachmar
Ben Kalmon
Gerald Albert McFarren
Oliver Howard Musser
Leland Elwood Oneacre
Sanford Becker Rosenman
Robert Wallace Scott

*Bachelor of Science in
Applied Art*
Charlotte Elisabeth Hayes
Ruth Mary Manson
Marian Silvester

*Bachelor of Science in
Home Economics*
Evelyn Harriet Brouse
Geraldine Faye Chenoweth
Hope Roberts Griffiths
Ruth Pardee Harrington
Lucile Elizabeth Knecht
Lucinda Kathryn Knecht
Martha Jane Lowenhaupt
Lillice Elizabeth Matthews
Jane Elizabeth Metzger
Mae Catherine O'Neil
Mary Elizabeth Shaffer
Helen Frances Sherer
Ruth Louelsa Swan
Margaret Belle Trommer

THE COLLEGE OF
ENGINEERING AND
COMMERCE

Bachelor of Civil Engineering
William Rawie Christman
Frederick Koch Oplinger
Russel E. Spade

*Bachelor of Electrical
Engineering*
Merle Albert Fuller
Richard David Heyburn
Ivan Jim Kovach
Russell DeWitt Shively

*Bachelor of Industrial
Engineering*
Charles Dayton Haley
Joseph Edward Hart
Ben Henry Rawls
Glenn Clifford Robinson
Robert Groves Waddell
Ralph Charles Wykoff

*Bachelor of Mechanical
Engineering*

Lanier Linder Carrier
Forrest Lynn Duff
Gerald Patrick Flanigan
Albert Katz
Vahey Kupelian
Leon Calvin Murfin
Alvin Elmer Shetler
Alexander George Walker
*Bachelor of Science in
Business Administration*
Carl Lawrence Alexis
Vincent Washington Buzzi
Harry Leonard Davis
Harold Hutchinson
William Charles
Keating, Jr.
Leo James McFarland
Stephen Nostwich
George William Richards
Richard Elmer Stull
Louis Tommy Thomas
Richard Carl Ulmer
Paul Dawson Wagner

*Bachelor of Science in
Secretarial Science*
Mary Ellen Giddings
Jeannette Hopkins
Dorothy Lillian Lincks
Rosemary McDonald
Helen McGuckin
June Marjorie Semler
Clara Leona Sterley
Mary Grace Welch

THE COLLEGE OF
EDUCATION

Bachelor of Education
David William Appleby
Edna Limbacher Archer
Emma Louise Bischoff
Betty Jane Bixler
Lauretta Elizabeth Buckles
Georgia Edwina
Chamberlain
Bernice Ohl Coffman
Genevieve Pauline Cottrill
Mabel Marie Dickerhoff
Esther Alice Eppiottis
Doris Kathryn Fankbonner
Roy G. Fornwalt
Dorothy Holmes Glover
Gladys Grace Goard
Jean Isabel Gorham
Lillian Goson
Ruth Constance Hannum
Frank Eakes Harper
Marjorie Eleanor King
Gertrude von Kirchsclager
Anna Marguerite Kistler
Ruth Elizabeth Lawrence
Gertrude Idella Rennecker
Florence May Smith
Jessie Grace Smith
Helen Franc Stansfield
Rose Susan Umansky
Mary Ruth Weimer

Bachelor of Science in Education

Mary Audrey Fowls
Blanchard Rudolph Hensal
Beulah Rader Hudson

Doris Jane Livensparger
Virginia Esther Massey
Richard William Outland
Sister Mary Bernice
Roussert, O. P.

Dorothy Eloise Schotta
Viola Aurine Smith
Martha Irene Weeks

GRADUATE STUDY

Master of Science

Edith Ella Brown
Jose Palma Marcelo
Irvin Julian Sjothun

Paul Huff
George Thomas Kidder
Charles Lester McKee
Stella Hobson Wilson

Nora F. Hansen
Jacob Ward Miller
Lawrence D. Watson

Master of Arts in Education

John McClelland Frazer
Raymond Earl Ganyard
Chester Louis Hawk

Master of Science in Education

Paul Stewart Bryant
Dolph Thomas Grider

Master of Education

Ruth Elizabeth Haines
Edith V. Johnson

CERTIFICATES

THE COLLEGE OF ENGINEERING AND COMMERCE

Two-year Certificate in Secretarial Science

Katherine Louise Byrider
Dorothy Mae Greer
Wilma Houder

Harriett Noriene Larabee
Ruth Louise Miller
Pearl Hilda Mohler

Winifred Ruth Rogers
Marjorie Helen Samuelson
Mildred Schultz

THE COLLEGE OF EDUCATION

*Certificates granted since June, 1935**Three-year Certificate in Elementary Education*

Genevieve Pauline Cottrill

Marceil Antles Fifer
Florence Della Moore

Amelia Helen George

Two-year Certificate in Elementary Education

Valencia Garnette Bowers
Evelyn Close
Leona Coda
Octave Teague Cramer
Clara E. DeShon

Minnie Eyre
Wilma Marie Hull
Virginia Mildred Kuder
Laura Robinson Kyte
Juanita Luke

Jean Elizabeth Morrison
Lila H. Neal
Edith June Reed
Doris Marie Ware

COMMISSIONS

COMMISSIONED SECOND LIEUTENANTS
UNITED STATES ARMY RESERVE*Chemical Warfare*

Francis Cedric Browne

Infantry

Earl Mathew Bonar
Forrest Lynn Duff
Max Burton Ganyard
Joseph Edward Hart

Fred Byron Keller, Jr.
John Winford Leonard
George Albert Ryser
Philip Stone Sherman

Alvin Elmer Shetler
Smith Hope Simmons, Jr.
Robert Grove Waddell
Mardis Ray Williams

Granted Certificates of Eligibility and will be commissioned upon reaching the age of twenty-one years:

Infantry

Richard Van Evera Doud Alvin Vilhelm Larson

Infantry, Ohio National Guard

Claude Wesley Fuston, Jr.

HONORS AND PRIZES

GRADUATION WITH DISTINCTION (June, 1936)

Caroline Virginia Bauman, in Speech
 Dorothea Marguerite Baumgardner, in French
 Mary Virginia Britton, in Economics
 Evelyn Harriet Brouse, in Home Economics
 Lloyd LeRoy Ecrement, in Psychology and Philosophy
 Helen McCaughey Gehman, in English
 Lillian Goson, in Education
 Charlotte Elisabeth Hayes, in Art
 John Frederick Kachmar, in Chemistry
 Marjorie Emma McMullan, in Latin
 Robert Emerson Mohler, in Political Science
 Ruth Penfield Pease, in Sociology
 Philip Stone Sherman, in Economics
 Marian Silvester, in Art
 Dorothy Elizabeth Smith, in English
 Florence May Smith, in Education
 Helen Mae Vallish, in Latin
 Alexander George Walker, in Mechanical Engineering
 Maxine Wohlford, in Speech

PIXLEY SCHOLARS, 1936-37

In English—Edna Abbott, Frances Bockman, Mary Gardner, Isobel Griffith, Virginia Himebaugh, Ruth Irwin, Jane Steiner, Rose Kuhar.

In Speech—Harvey Davis, Beatrice Offineer, Margaret Roundy, Jean Sholitan.

In Music—Voice: Edward Erickson, William J. McIntosh, Gordon Sayre, Genevieve Sennett, Leroy Speck, Stanley VanTeslaar, Clara A. Waltz, Winifred Willard.

Piano: Hester Buticofer, Evelyn Christman, Forest Sibley, Catherine Wagner, Pauline Young.

Organ: LaVerne Davis.

Violin: Gladys Breitenbucher, Walter Hranilovich, George Leuca.

Clarinet: Robert B. Cole, Jack H. Jones.

Trombone: Carl Hendershot.

THE OHIO STATE UNIVERSITY GRADUATE SCHOLARSHIP

Dorothy Jeanne Schneider, A. B., '31

THE DR. E. B. FOLTZ MEDICAL PRIZE

Oliver Howard Musser

THE SENIOR ALUMNI PRIZE

Ruth Penfield Pease

THE UNIVERSITY OF AKRON
HONORARY FRATERNITIES

PHI SIGMA ALPHA

In Buchtel College of Liberal Arts, for scholarship in the senior class, an average grade of not less than 90 per cent; in the junior class, an average grade of not less than 92 per cent:

Elected to membership from the Class of 1936

As juniors in 1935:

Dorothae M. Baumgardner
John F. Kachmar
Marjorie E. McMullan
Ruth Penfield Pease
Dorothy E. Smith
Helen Mae Vallish

Helen McCaughey Gehman
Charlotte E. Hayes
Robert E. Mohler
Philip S. Sherman
Marian Silvester
Maxine Wohlford

As seniors in 1936:

Caroline V. Bauman
Mary Virginia Britton

As juniors of the class of 1937:

Arden E. Hardgrove
Virginia E. Himebaugh
Paul A. Snearline

TAU KAPPA PHI

In Buchtel College of Liberal Arts, in Home Economics, in the junior class, outstanding in scholarship, leadership, character, and personality:

Jane Allyn
Laurette A. Dodds
Mary Virginia Hancock
Janet Loomis

Lillice E. Matthews
Mae Catherine O'Neil
Mary Elizabeth Shaffer
Helen F. Sherer

SIGMA TAU

In the College of Engineering and Commerce, elected from the upper third of each junior class, in Engineering, for scholarship and personality:

William Rawle Christman
Carl W. Groncy

Vabey I. Kupelian
Paul D. Remark

Ernest R. Taylor

BETA DELTA PSI

In the College of Engineering and Commerce, elected from the junior class, in Commerce, for scholarship:

Carl L. Alexis
William L. Blount
Harry L. Davis

Lester William Kaufman
Willard E. Maloy
Stephen Nostwich

Richard E. Stull

SIGMA PI EPSILON

In the Teachers College, elected from the senior class, for scholarship, teaching skill, and civic spirit:

Lauretta Elizabeth Buckles
Lillian Goson

Doris J. Livensparger
Martha Irene Weeks

Mary Ruth Weimer

THE UNIVERSITY OF AKRON ALUMNI ASSOCIATION

OFFICERS OF THE GENERAL ASSOCIATION (1936-37)

President	John D. Wortman, '24
1st Vice-President	Merion Richardson, '17
2nd Vice-President	Amelia Schoeninger, '98
Secretary	Sherman O. Schumacher, '27
Treasurer	Maxwell P. Boggs

EXECUTIVE COMMITTEE

John D. Wortman, '24; Merion Richardson, '17; Amelia Schoeninger, '98; M. P. Boggs, and Sherman O. Schumacher, '27.

ALUMNI BOARD OF TRUSTEES

Term Expiring in June, 1937	Term Expiring in June, 1938
Earl Gulick, '19	Francis D. Gillen, '18
Dorothy Shreve, '27	Mrs. K. D. Smith, '13
Mrs. Frances Hottenstein, '21	Inez Parshall, '02
Richard Qualters, '26	Forrest Myers, '27
	Term Expiring in June, 1939
	Dr. E. B. Foltz, '96
	Howard I. Cramer, '26
	Bruce Bierce, '20
	Kenneth Cochrane, '32

ASSOCIATION BRANCHES

Chicago—President, Honor Fouch, '09, 4122 Grand Avenue, Western Springs, Ill.
 Cleveland—President, Edwin L. Kregenow, '24, 11827 Lenacrave Avenue, Cleveland, Ohio.
 Detroit—President, Theodore Harrington, '25, 16200 Parkside, Detroit, Mich.
 Pittsburgh—President, Theodore Rockwell, '27, 131 Edgewood Avenue, Pittsburgh, Pa.
 Los Angeles—President, Cletus Fitzharris, '31, 2542 Palm Place, Walnut Park, Calif.

THE ALUMNI ASSOCIATION

The Alumni Association, the official organization of the Alumni was organized in July, 1874. The purpose of the Association is to further the interests of the University and to promote fellowship among its graduates and former students.

The Association is governed by a Board of Trustees composed of twelve Alumni and the Association officers, elected by general vote. Only those who have paid their dues are eligible to vote or hold office.

There are three forms of membership dues:

Annual dues and subscription to the Akron Alumnus, \$2.00;

Life Membership Pledge (paid in three installments of \$10 each), \$30.00;

Alumni Loyalty Bond (paid in five installments of \$10 each), \$50.00.

The first three installments on these \$50 bonds are paid to the Alumni Association in full payment of a life membership in said association and the last two installments are paid to the University of Akron to be applied on an Alumni Loyalty Fund, to be used for capital investment or endowment purposes as the Board of Directors of the University may deem best.

Checks for dues should be made payable to the University of Akron Alumni Association.

The University has graduated 2,905 including the class of 1936.

THE ALUMNI OFFICE

The Alumni Office, headquarters of the Alumni Association, is located in Phillips Hall on the campus. The Alumni Secretary is in charge. All records of the Association, biographical files, and historical data are recorded here.

The Alumni Secretary has charge of Homecoming, Founders Day, Alumni events at Commencement, the organization of Alumni Clubs, and Alumni publicity.

The Akron Alumnus, the official publication of the Association, is edited by an Alumni Editorial Board.

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