

The
UNIVERSITY OF AKRON

AKRON, OHIO .

JUNE, 1936

GENERAL CATALOG, 1936-37



PUBLISHED BY
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The
UNIVERSITY *of* AKRON

1936-37 General Catalog

PUBLISHED AT AKRON, OHIO, JUNE, 1936

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UNIVERSITY CALENDAR

1935

- JUNE 18, TUESDAYRegistration for Summer Session in the Teachers College.
- JULY 26, FRIDAYSummer Session in Teachers College closed.
- AUGUST 19 TO SEPTEMBER 7Registration and classification of entering freshmen.
- SEPTEMBER 9 TO 12, INCLUSIVEFreshman Week.
MONDAY TO THURSDAY
- SEPTEMBER 13 AND 14Registration and classification of upperclassmen in Day Session.
- SEPTEMBER 16, MONDAYClasses in the Day Session began.
- SEPTEMBER 20 AND 21Registration and classification for Evening Session.
FRIDAY AND SATURDAY
- SEPTEMBER 23, MONDAYClasses in the Evening Session began.
- NOVEMBER 28, 29 AND 30Thanksgiving Recess.
THURSDAY, FRIDAY AND SATURDAY
- DECEMBER 21 AT NOONChristmas vacation began.
SATURDAY

1936

- JANUARY 6, MONDAYClasses resumed.
- JANUARY 18, SATURDAYFounders Day, a holiday.
- JANUARY 25 AND JANUARY 27 TO 30, INCLUSIVESEMESTER Final examinations, Evening Session.
- JANUARY 27 TO FEBRUARY 1, INCLUSIVESEMESTER Final examinations, Day Session.
MONDAY TO SATURDAY
- JANUARY 31 AND FEBRUARY 1Registration and classification of entering freshmen.
FRIDAY AND SATURDAY
- FEBRUARY 5 AND 6Classification for the second semester, Day Session.
WEDNESDAY AND THURSDAY
- FEBRUARY 5, 6, 7, 8Classification of September, 1935, freshmen.
- FEBRUARY 7 AND 8Classification for Evening Session.
FRIDAY, 1:00-9:00 P. M.
SATURDAY, 9:00 A. M.-9:00 P. M.
- FEBRUARY 10, MONDAYClasses begin for all sessions.
- FEBRUARY 22, SATURDAYWashington's Birthday—a holiday.
- APRIL 6 TO 11, INCLUSIVEEaster vacation.
MONDAY TO SATURDAY
- APRIL 13, MONDAYClasses resumed.
- MAY 9 AND 16Examinations for graduate students.
SATURDAY AFTERNOONS
- MAY 14, THURSDAY AFTERNOON.....General Final Examinations for seniors and Qualifying Examinations for prospective teachers.
- MAY 29, FRIDAYMay Day.
- MAY 30, SATURDAYMemorial Day—a holiday.
- JUNE 1, 2, 3, 4 AND 6Examinations for Evening Session.
MONDAY, TUESDAY, WEDNESDAY,
THURSDAY AND SATURDAY
- JUNE 8 TO 13, INCLUSIVEFinal examinations for Day Session.
MONDAY TO SATURDAY

THE UNIVERSITY OF AKRON

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| JUNE 14, SUNDAY | Baccalaureate service. |
| JUNE 16, TUESDAY | Commencement. |
| JUNE 18, THURSDAY | Registration for Summer Session. |
| JULY 31, FRIDAY | Summer Session closes. |
| AUGUST 17 TO SEPTEMBER 5 | Registration and classification of entering freshmen. |
| SEPTEMBER 8, 9 AND 10 | Freshman Week. |
| TUESDAY, WEDNESDAY AND THURSDAY | |
| SEPTEMBER 11 AND 12 | Registration and classification of upperclassmen in Day Session. |
| FRIDAY AND SATURDAY | |
| SEPTEMBER 14, MONDAY | Classes in the Day Session begin. |
| SEPTEMBER 18 AND 19 | Registration and classification for Evening Session. |
| FRIDAY AND SATURDAY | |
| SEPTEMBER 21, MONDAY | Classes in the Evening Session begin. |
| NOVEMBER 26, 27 AND 28 | Thanksgiving Recess. |
| THURSDAY, FRIDAY AND SATURDAY | |
| DECEMBER 19, SATURDAY, 12 NOON | Christmas vacation begins. |

1937

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| JANUARY 4, MONDAY | Classes resume. |
| JANUARY 18, MONDAY | Founders Day—a holiday. |
| JANUARY 25 TO 30 INCLUSIVE | Semester final examinations for Day and Evening Sessions. |
| MONDAY TO SATURDAY | |
| JANUARY 29 AND 30 | Registration and classification of entering freshmen. |
| FRIDAY AND SATURDAY | |
| FEBRUARY 3 AND 4 | Classification for second semester, Day Session. |
| WEDNESDAY AND THURSDAY | |
| FEBRUARY 3, 4, 5 AND 6 | Classification of September, 1936, freshmen. |
| WEDNESDAY TO SATURDAY INCLUSIVE | |
| FEBRUARY 5 AND 6 | Classification for Evening Session. |
| FRIDAY, 1:00-9:00 P. M. | |
| SATURDAY, 9:00 A. M.-9:00 P. M. | |
| FEBRUARY 8, MONDAY | Classes for Day and Evening Sessions begin. |
| FEBRUARY 22, MONDAY | Washington's Birthday—a holiday. |
| APRIL 5-10 INCLUSIVE | Easter vacation. |
| MONDAY TO SATURDAY | |
| APRIL 12, MONDAY | Classes resume. |
| MAY 8 AND 15 | Examinations for Graduate students. |
| SATURDAY AFTERNOONS | |
| MAY 13, THURSDAY AFTERNOON | General Final Examinations for Seniors, and Qualifying Examinations for prospective teachers. |
| MAY 28, FRIDAY | May Day. |
| MAY 30, SUNDAY | Memorial Day. |
| MAY 31, MONDAY | No classes. |
| JUNE 1, 2, 3, 5 AND 7 | Semester final examinations, Evening Session. |
| TUESDAY, WEDNESDAY, THURSDAY, SATURDAY AND MONDAY | |
| JUNE 7 TO 12 INCLUSIVE | Semester final examinations, Day Session. |
| MONDAY TO SATURDAY | |
| JUNE 13, SUNDAY | Baccalaureate service. |
| JUNE 15, TUESDAY | Commencement Exercises. |
| JUNE 17, THURSDAY | Registration for Summer Session. |

BOARD OF DIRECTORS

TERM EXPIRES JANUARY 1, 1938

JOHN W. THOMAS 1278 South Main Street
 LEE J. FERBSTEIN Second National Building
 CHARLES E. SMOYER 2112 First-Central Tower

TERM EXPIRES JANUARY 1, 1940

P. W. LITCHFIELD 1144 East Market Street
 CLETUS G. ROETZEL 1110 First-Central Tower
 HURL J. ALBRECHT 750 East Tallmadge Avenue

TERM EXPIRES JANUARY 1, 1942

MRS. T. A. CHITTENDEN 570 Glenwood Avenue
 JAMES W. SCHADE 500 South Main Street
 FRANK S. CARPENTER 191 South Main Street

OFFICERS FOR 1936

JOHN W. THOMAS *Chairman*
 CLETUS G. ROETZEL *Vice Chairman*
 MAXWELL P. BOGGS *Secretary*

COMMITTEES FOR 1936

*Finance and Investments:*SCHADE, ALBRECHT, FERBSTEIN, CARPENTER, THOMAS, *ex-officio**Buildings and Grounds:*ROETZEL, LITCHFIELD, CHITTENDEN, SMOYER, THOMAS, *ex-officio*

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

H. E. SIMMONS, D. SC. *President of the University*
 A. I. SPANTON, M. A. *Vice President of the Faculty and
 Dean of Buchtel College of Liberal Arts*
 CHARLES BULGER, PH. D. *Dean of Graduate Study*
 FREDERIC E. AYER, C. E. *Dean of the College of Engineering*
 HOWARD R. EVANS, PH. D. *Dean of the College of Education*
 DONFRED H. GARDNER, M. A. *Dean of Men*
 MARJORIE MITCHELL, M. A. *Dean of Women*
 LESLIE P. HARDY, M. S. ED. *Director of Adult Education, including
 Evening and Summer Sessions*
 MAXWELL P. BOGGS, A. B. *Treasurer of the University*
 RICHARD H. SCHMIDT, M. A. *Registrar*
 JOSEPHINE A. CUSHMAN, B. L. S. *Librarian*
 ULYSSES S. VANCE, A. B. *University Editor*
 *HOWARD H. BLAIR, M. A. *Director of Athletics*
 JAMES W. AIKEN, B. S. *Director of Athletics (September, 1936)*
 WILBUR C. ROBART, M. D. *University Physician*
 JEAN P. SMITH, B. ED. *Faculty Manager of Athletics*
 EBBA LARSON *Assistant Registrar*
 CECIL ROGERS, B. S. B. A. *Assistant Treasurer*
 MRS. EMMA HENRY *Nurse*
 SHERMAN O. SCHUMACHER, A. B. *Alumni Secretary*

* Resigned July 1, 1936.

GENERAL FACULTY AND ASSISTANTS

1935-36

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, 1912; 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*
B. S., Washington and Jefferson.
- UDO ALBRECHT, *Instructor in German* (1933)
A. B., The University of Akron, 1934.
- DAVID E. ANDERSON, *Instructor in Chemistry* (1923)
A. B., Augustana College; M. S., University of Chicago, 1923.
- DONALD E. ANTHONY, *Professor of Economics* (1929)
A. B., Stanford; M. A., Cornell University; Ph. D., Stanford, 1928.
- FREDERIC E. AYER, *Dean of the College of Engineering and Commerce* (1914)
C. E., Lafayette College, 1900.
- JANE S. BARNHARDT, *Assistant Professor of Art* (June, 1923)
B. E., M. Ed. 1930, University of Akron.
- JAMES STUART BEDDIE, *Instructor in History* (1935)
A. B., University of Minnesota; A. M., Ph. D. 1928, Harvard University.
- HARRY A. BENDER, *Assistant Professor of Mathematics* (1928)
A. B., Ohio University; A. M., Ph. D. 1923, University of Illinois.
- *HOWARD H. BLAIR, *Director of Athletics* (1927)
B. S., Ohio State University; A. M., Columbia, 1927.
- MAXWELL P. BOGGS, *Treasurer of the University* (March, 1927)
A. B., Muskingum College.
- 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* (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., 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.

* Resigned July 1, 1936.

** Effective, September, 1936.

- HOWARD M. DOUTT, *Associate Professor of Secretarial Science, and Head of the Department 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 Organ and Theory of Music (1930)*
B. Mus., American Conservatory of Music, Chicago; M. A., Ohio State University, 1930.
- HOWARD R. EVANS, *Dean of the Teachers College, and Professor of School Administration (1929)*
A. B., Indiana State Teachers College; M. A., Columbia; Ph. D., Northwestern University, 1930.
- MARGARET F. FANNING, *Assistant Professor of Modern Languages (1927)*
A. B., University of Akron; A. M., Radcliffe, 1926.
- ELDORA FLINT, *Assistant Professor of Secretarial Science (1929)*
B. Ed., University of Akron; M. S. Ed., Syracuse University, 1935.
- OMER R. FOUTS, *Assistant Professor of Physics (1926)*
A. B., Wittenberg; 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, *Associate Professor of History, and Dean of Men, Acting Head of the Department of History (1924)*
A. B., A. M. 1923, Princeton University.
- BURTON A. GARLINGHOUSE, *Director of Glee Clubs (1933)*
A. B., University of Michigan, 1920.
- *CLYDE H. GHEE, *Instructor in Military Science and Tactics (February, 1931)*
Sergeant, Infantry, U. S. A. (D. E. M. L.)
- 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.
- HARRY W. GOODING, *Research Associate in Vocational Education (March 1 to June 30, 1936)*
- JOHN E. GRASTORF, *District Co-ordinator in Industrial Teacher Training (January, 1932)*
B. S. Ed., University of Toledo, 1930; M. A., Wittenberg, 1933.
- DWIGHT E. GRAY, *Assistant Professor of Physics (1932)*
A. B., Muskingum; A. M., Ph. D. 1932, Ohio State University.
- RUSSELL J. GREENLY, *Associate Professor of Vocational Education (1927)*
B. S., Pennsylvania State College; M. S. Ed., University of Akron, 1932.
- FRED S. GRIFFIN, *Professor of Mechanical Engineering (1921)*
M. E., Ohio State University, 1911.
- 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. HAMPEL, *Instructor in Commerce and Business Administration (February, 1933)*
B. S., in Com., 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.

* Resigned April 1, 1936.

- WARREN S. HAUSER, *Instructor in Accounting* (1935)
A. B., Western Reserve; M. B. A., 1935.
- 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; 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*
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, *Instructor in Political Science* (1927)
A. B., Maryville; A. M., University of Chicago.
- 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., Northwestern University, 1925.
- MISS WILL LIPSCOMBE, *Assistant Professor of Mathematics* (1921)
B. S., Florida State College; M. S., Ohio State University, 1926.
- 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.
- ELSIE M. MAXWELL, *Professor of Home Economics* (1929)
B. S., Columbia; M. A., University of Chicago, 1928.
- MARJORIE MITCHELL, *Associate Professor of English, and Dean of Women* (1923)
A. B., Western Reserve; A. M., Radcliffe, 1923.

- *THOMAS F. MORAN, *Research Associate in Vocational Education* (November, 1934)
B. A., University of Buffalo; M. A., 1933.
- JAY L. O'HARA, *Assistant 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; 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; A. M., Columbia, 1924.
- KATHARINE M. REED, *Associate Professor of Modern Languages* (1918)
B. A., Newcomb College; M. A., Tulane, 1903.
- GENEVIEVE RIDER, *Instructor in Public School Music* (1928)
B. M. Ed., Northwestern University; M. A., Western Reserve, 1935.
- EDGAR C. ROBERTS, *Assistant Professor of English* (1926)
B. S. Ed., M. A. 1924, Ohio State University.
- GRAVES B. ROBERTS, *Assistant Professor of Modern Languages* (1934)
A. B., Davidson College; M. A., Colorado State Teachers College; Ph. D., State University of Iowa, 1934.
- NEWTON OWEN SAPPINGTON, *Assistant Professor of History* (1932)
A. B., Emory; M. A., University of North Carolina; Ph. D., Wisconsin, 1932.
- ERNEST F. SCHAEFER, *Director of Testing Laboratory, and Associate Professor of Chemistry* (1921)
B. E. M., Ohio State University, 1918.
- RICHARD H. SCHMIDT, *Registrar* (1918)
A. B., Wesleyan University; M. A., Columbia, 1915.
- FREDERICK S. SEFTON, *Professor of Physical Education* (1915)
B. S., Colgate; M. Ed., Harvard, 1925.
- SAMUEL SELBY, *Assistant Professor of Mathematics* (1927)
A. B., A. M., University of Manitoba; Ph. D., University of Chicago, 1929.
- LUCY T. SELF, *Instructor in Secretarial Science* (1932)
A. B., Ohio Wesleyan University, 1920.
- ROY V. SHERMAN, *Assistant 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; A. M., University of Akron, 1927.
- ALBERT I. SPANTON, *Professor of English, Vice President of the Faculty, and Dean of Buchtel College of Liberal Arts* (1900)
A. B., Buchtel College; A. M., Harvard, 1905.
- ROSS 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.
- ROBERT E. SWAB, *Assistant Professor of Military Science and Tactics* (1930)
Graduate of Infantry School, Fort Benning, Ga. Major, Infantry, U. S. A. (D. O. L.).

*Resigned February 1, 1936.

- AUDRA TENNEY, *Instructor in Secretarial Science* (1926)
A. B., University of Akron, 1926.
- 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. Adm., 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.
- 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*
A. B., College of Wooster; M. A., Princeton, 1932.
- CARY C. WOOD, *Professor of Philosophy* (1928)
B. S., Ohio University; A. M., Columbia; 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, 1928.
- VIVIEN MCCARTHY SUTTON, *Catalog Librarian* (1927)
Certificate, Tuscarawas Co. Normal School; Diploma, Chautauqua School for Librarians, 1927.
- NORMA OLIN IRELAND, *Reference Librarian* (July, 1929)
A. B., University of Akron; B. L. S., Western Reserve, 1929.
- HELEN McGRATH CURNOW, *Assistant, in Charge of Reserve Room* (1931)
A. B., University of Akron, 1931.
- MARY GRACE HARRINGTON, *Circulation Assistant* (1932)
A. B., University of Akron, 1932.
- MARY ELIZABETH METZGER, *Circulation Assistant* (1935)
A. B., University of Akron, 1935.
- MARTHA BONNETT, *Circulation Assistant* (1935)
A. B., Ohio State University; Library Certificate, Western Reserve.

GRADUATE ASSISTANTS

- EDLA MAE REED, *Graduate Assistant in Botany and Geology*
B. A., The University of Akron, 1935.
- JOHN CHARLES VANSICKLE, *Graduate Assistant in Zoology*
B. A., University of Akron, 1935.

FELLOWS IN CHEMISTRY

IRVIN JULIAN SJOTHUN, *Firestone Tire and Rubber Company*
B. A., Concordia College, Minnesota.

LAWRENCE RUDOLPH SPERBERG, *Goodyear Tire and Rubber Company*
M. S., University of Michigan.

THE DANIEL GUGGENHEIM AIRSHIP INSTITUTE

Director, DR. THEODOR TROLLER, 214 North Portage Path, Akron Ohio

Technical Consultant, DR. THEODOR VON KARMAN, California Institute of
Technology, Pasadena, California

PART-TIME INSTRUCTIONAL STAFF

(Not on the regular Day Session staff)

SUMMER SESSION — 1935

| | |
|---|------------------------|
| OTIS C. HATTON, A. B., M. A. | <i>Education</i> |
| Assistant Superintendent of Schools, Akron. | |
| U. L. LIGHT, B. S., PH. B. | <i>Education</i> |
| Superintendent of Barberton Schools. | |
| LORETTA S. TISCH, B. Ed. | <i>Education</i> |
| Akron Public School System. | |
| MRS. HELEN TROESCH, A. B., M. A. | <i>Play Production</i> |
| Teacher in Stow Public Schools. | |
| ISABEL WILSON, B. S., M. A. | <i>Education</i> |
| Principal of Lincoln School, Akron. | |

CRITIC TEACHERS FOR 1935 SUMMER SESSION

| | |
|--------------------------------------|-----------|
| JULIETTE PARENTI, A. B., B. Ed. | Akron |
| I. CLIFFORD ROLL, A. B. | Akron |
| RUTH SEYMOUR, PH. B., M. A. ED. | Akron |
| L. L. EVERETT, B. S. | Barberton |
| RUTH CHAMBERLIN | Barberton |
| GEORGE J. FRENCH, B. S. | Barberton |
| NORA SANTROCK, B. ED. | Barberton |

EVENING SESSION — 1935-1936

| | |
|--|----------------------------|
| RALPH C. BUSBEY | <i>Advertising</i> |
| Advertising and Merchandising Counselor, Akron. | |
| PHILLIP BORKAT | <i>Air Conditioning</i> |
| B. S. in M. E., Case School of Applied Science. | |
| JEANNE EDITH COHEN | <i>Secretarial Science</i> |
| B. S. in Secretarial Science, University of Akron, 1935. | |
| L. ADRIAN FRENCH | <i>Art</i> |
| A. B., University of Akron; Graduate of Chicago Art Institute. | |

| | |
|---|--|
| CARL H. HAMBURGER | <i>Handcrafts in Elementary Schools</i> |
| B. S. Ed., Kent State University, 1933. | |
| HAZEL ECKER HINE | <i>Secretarial Theory</i> |
| B. S. in Secretarial Science, University of Akron, 1932. | |
| NORMA OLIN IRELAND | <i>Bibliography and Use of the Library</i> |
| A. B., University of Akron; B. L. S., Western Reserve, 1929. | |
| SARA LEWIS MILLER | <i>General Botany</i> |
| B. A., M. S. 1922, University of Iowa. | |
| ARTHUR KRUSE | <i>Community Organization</i> |
| A. B., University of Akron; M. A., Syracuse University. | |
| FRANK C. MOORE | <i>Handcrafts in Elementary Schools</i> |
| A. B., University of Michigan; M. A. Western Reserve, 1932. | |
| THOMAS M. POWERS | <i>Business Law</i> |
| A. B., Cornell University; LL. B., Cleveland School of Law, 1925. | |
| HELEN E. RUFF | <i>Child Welfare</i> |
| A. B., Heidelberg; Diploma, New York School of Social Work. | |
| JACK STEWARD | <i>Elementary Aeronautics</i> |
| Air Services, Inc. | |
| E. R. STOTLER | <i>Engineering Drawing</i> |
| B. S., Bradley Polytechnic; M. A., Columbia University. | |
| E. A. TABLER | <i>Algebra</i> |
| B. S., Kent State University; M. A., Western Reserve, 1933. | |
| HONORA TOBIN | <i>General Foods</i> |
| B. S. in Home Economics, University of Akron; M. A., Columbia University. | |
| LEWIS C. TURNER | <i>Public Speaking</i> |
| A. B., Hiram; M. A., University of Akron, 1929. | |
| RUTH WHORL | <i>Art for the Grades, and Methods</i> |
| B. S., Ashland College, 1927. | |
| ALBERT YOUNG | <i>Lettering</i> |
| B. E. A., Cleveland School of Art, 1926. | |
| ALYS ROYSHER YOUNG | <i>Art</i> |
| B. E. A., Cleveland School of Art, 1925. | |

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

| | |
|----------------------------|--|
| RALPH H. WATERHOUSE, B. S. | <i>Superintendent of Schools</i> |
| O. C. HATTON, M. A. | <i>Assistant Superintendent of Schools</i> |

CRITIC TEACHERS

| | School | | School |
|-------------------------------|---------------------|-------------------------------|----------------------------------|
| ROSE AHERN, B. Ed. | <i>Forest Hill</i> | H. M. HORST, M. A. Ed. | <i>West High</i> |
| MARGARET ALLEN, M. Ed. | <i>West High</i> | ROSE MARTIN | <i>Lincoln</i> |
| BERTHA ANDERSON | <i>Howe</i> | IRENE MINTER, A. B., B. Ed. | <i>Fraunfelter</i> |
| MRS. BLANCHE G. BRADY, Ph. B. | <i>Cen. High</i> | MRS. MILDRED R. MOON | <i>Portage Path</i> |
| MRS. ETHEL CASSLEY | <i>Crosby</i> | MOULTON OMERROID | <i>Garfield High</i> |
| CLIFFORD CASENHISER, B. Ed. | <i>Robinson</i> | HARRIET PARKER, M. Ed. | <i>East High</i> |
| ANNA CHALFANT, M. A. | <i>Central High</i> | MARGARET ROOK, B. Ed. | <i>Crosby</i> |
| MRS. RUTH BICKLER ERWIN | <i>Goodrich</i> | MRS. VYNITA C. PLANT | <i>Lincoln</i> |
| JOHN ESHACK, B. A. | <i>Lincoln</i> | I. CLIFFORD ROLL, B. A. | <i>Grace</i> |
| EUNICE FACKLER | <i>Lincoln</i> | ROSE ROSENBERG, B. Ed. | <i>Henry</i> |
| MARY FINNEY, M. A. Ed. | <i>Henry</i> | MILDRED STEBBINS, M. Ed. | <i>Grace</i> |
| DOROTHY GLOVER | <i>Howe</i> | MRS. HAZEL B. SELLERS, B. Ed. | <i>Portage Path and Fairlawn</i> |
| NELLIE GLOVER | <i>Central</i> | M. R. TEDROW, B. Phys. Ed. | <i>Kenmore High</i> |
| MRS. GRACE M. HANSEN, B. Ed. | <i>Howe</i> | LORETTA TISCH, B. Ed. | <i>Lincoln</i> |
| RUTH KEIFER, B. Ed. | <i>Lincoln</i> | LUCY WHITNEY, Ph. B. | <i>Mason</i> |
| BETTY KERR, B. Ed. | <i>Rankin</i> | D. B. ZOOK, M. A. Ed. | <i>South High</i> |
| ELLEN L. LEBOLD, B. Ed. | <i>Hill</i> | DOROTHY WITTHOEFT, B. Ed. | <i>Voris</i> |
| DOROTHY LUNDRELL, B. S. | <i>Hotchkiss</i> | | |

COMMITTEES OF THE GENERAL FACULTY 1935-36

EXECUTIVE

SIMMONS, SPANTON, AYER, EVANS, C. BULGER, SCHMIDT, HARDY, WEEKS (*Sec.*)

ADMISSIONS AND ADVANCED STANDING

SCHMIDT, C. BULGER, SPANTON, AYER, EVANS, GARDNER, MITCHELL

CLASSIFICATION

Buchtel College of Liberal ArtsRegistrar and Heads of Departments
 College of Engineering and Commerce.....Registrar, Ayer, Gilmour and Heads of
 Departments
 The Teachers CollegeRegistrar, Evans, and all members of
 The Teachers College Faculty
 Adult EducationRegistrar, Hardy, Evans and Heads of
 Departments of the Liberal Arts Col-
 lege and College of Engineering and
 Commerce
 General CollegeGardner, Schmidt, Mitchell

GRADUATE STUDY

DEAN BULGER, and all teachers of graduate subjects.

ATHLETICS

AYER, BOGGS, SEFTON, BLAIR, JEAN SMITH.

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 Student Council and President of the Women's League.)

EXTRA-CURRICULAR ACTIVITIES

MITCHELL, *Chrmn.*; GARDNER, VANCE, HARDY, BOGGS, HAYWORTH, GARLING-
 HOUSE, President of the Student Council, President of Women's League.

ADULT EDUCATION—Advisory Committee

HARDY, SPANTON, AYER, EVANS.

METHODS OF TESTING IN THE GENERAL COLLEGE

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

CLASS ADVISERS

| | | | |
|-----------------|------------|--------------|---------|
| Freshman | SAPPINGTON | Junior | W60D |
| Sophomore | LEIGH | Senior | DeGRAFF |

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, occupied by the departments of biology and physics, with laboratories; the central heating plant; and the Engineering Building, planned originally for engineering classes, and laboratories, which also furnishes classrooms for the commerce department.

In February, 1936, the frame building on the southwestern corner of the campus which had been used as a music building was wrecked to make room for a new building adjoining the Engineering Building.

Through the courtesy of the Akron Public School Board, the College of Education and the department of secretarial science occupy 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 41,157 catalogued volumes, about 7,772 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 resources 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, distributed funds to a number of higher educational institutions, primarily to study problems in heavier-than-air. The Foundation also 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 idea of establishing an institute for lighter-than-air research in Akron, was conceived by the president of the University of Akron, Dr. George F. Zook, who first approached the Guggenheim Foundation for its aid.

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.

The contract entered into by the University of Akron, the California Institute of Technology and the Daniel Guggenheim Foundation provided that any unexpended funds at the end of the five-year period remaining in the possession of either institution were to be used in carrying on the work of the institute.

On October 19, 1934, the 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. A staff of ten persons is employed to carry on the work of the institute. 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 examination, high school certificate, or honorable dismissal from other colleges and universities, or if over twenty-one 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

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 a letter of honorable dismissal.

Advanced credit will not in general be granted in excess of 16 credit hours per semester nor will the total number of hours granted exceed the total number of quality points earned. Evaluations of work taken elsewhere are tentative until a year of residence work has been completed at the University of Akron.

Evaluations of work taken elsewhere and statements of work required for a degree or diploma are not valid for indefinite periods. In general, such statements presuppose that the course will be completed in the minimum period of time.

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.

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 spend the last year of his work at the University of Akron.

DEGREES

REQUIREMENTS FOR DEGREE: Students on the full-time basis must present 128 semester hours with necessary quality points. Students on the co-operative basis under the old plan must present 280 co-operative or 150 credit 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.

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. For further information, address Professor Charles Bulger, Dean of Graduate Study.

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 government of the Ohio Athletic Conference and the Faculty Committee on Athletics approved 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 noon.

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

| | |
|--|---------|
| Payable only by students who are not citizens of Akron: College of Liberal Arts, College of Education, College of Engineering, per semester: | |
| For 8 hours or more | \$90.00 |
| For less than 8 hours, per hour | 10.00 |
| Summer Session and Evening Session | Free |

MAINTENANCE FEE

| | |
|--|---------|
| Payable by all students in the Day Session: | |
| 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 |
| 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, 1936-37, are as follows:

| | |
|----------------------------|------------------------------------|
| | FIRST SEMESTER, 1936 |
| Monday, September 14 | All Departments of the Day Session |
| Monday, September 21 | The Evening Session |
| | SECOND SEMESTER, 1937 |
| Monday, February 8 | All Departments of the Day Session |
| Monday, February 8 | The Evening Session |
| | SUMMER SESSION, 1937 |
| Friday, June 18 | |

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 \$1.00 per subject, with a maximum of \$5.00, is charged for entrance examinations taken on days other than those specified, and 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 |
|---|-----------------|
| Bacteriology 107, 108de | \$ 7.50 |
| *Bacteriology Deposit for Breakage | 5.00 |
| Biological Problems 267, 268 (per credit hour) | 2.00 |
| Biology 61, 62 (Zoology) and 144 (Entomology) | 4.00 |
| Biology (Vertebrate Anatomy) 155 | 10.00 |
| Biology (Embryology) 256 | 7.50 |
| Botany 51, 52de | 4.00 |
| Chemistry 7, 8, 21de, 22de, 43, 44ds, 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 |
| Elec. Laboratory E. E. 125, 126, 136 | 2.00 |
| Elec. Laboratory E. E. 137, 131, 132 | 3.00 |
| Elec. Laboratory 141 | 4.00 |
| Elec. Laboratory 21e, 22e | 1.50 |
| Embryology 256 | 7.50 |
| Entomology 144 | 4.00 |
| Field Botany 113, 114 (Systematic Botany) | 4.00 |
| Figure Drawing 175, 176 | 1.25 |
| Foods 45, 46de | 4.50 |
| Foods 115, 116 | 4.00 |
| Genetics 146, 148 | 1.00 |
| Geology 41, 42 | 2.50 |
| Mechanical Laboratory M. E. 182, 183 | 2.00 |
| Mental Tests 315 | 1.00 |
| Physics 51de, 52de, 203, 204, 206, 53 | 2.00 |
| Physics 21, 22, 43, 44, 209, 210 | 4.00 |
| Physiology 235, 236, 135, 136 | 4.00 |
| Plane Table Surveying | 1.00 |
| Plant Anatomy and Histology 218 | 4.00 |
| Plant Physiology 215, 216 | 6.00 |
| Play Materials 126 | 1.00 |
| Play Production 161, 162 | 2.00 |
| Radio Communication E. E. 137 | 3.00 |
| Radio Speaking 181de | 1.00 |
| Research Problems (College of Education per credit hour) 436, 426 | 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 |
| Shop Practice 49, 50 | 2.00 |
| Special E. E. Problems E. E. 142 | 4.00 |
| Special M. E. Problems M. E. 194 | 3.00 |
| Strength of Materials C. E. 105, 106 | 2.00 |
| Surveying C. E. 21, 22, 101 | 2.00 |
| Tests and Measurements 105, 312 | 2.00 |
| Typewriting 31, 51, 83, 84, 85 | 1.00 |
| Zoology 61, 62 | 4.00 |

* 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.

FUNDS

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 and 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 prior to their application for the loan.

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.

PRIZES, FELLOWSHIPS, SCHOLARSHIPS, AND HONORS

THE ASHTON PRIZES

A fund consisting of \$3,000 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 from the junior class, and one-third to competitors from the sophomore class, in a first and second prize to each class, in proportion of two to one. These are public exercises, and take place at stated times during the year.

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 four-year course of study with the highest average grade. Only students who have taken their entire course in the University of Akron are eligible.

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. The following rules govern the awarding of these prizes:

- I. Rules for freshman award.
 1. The student must have completed 32 semester hours of work.
 2. The 32 hours must include required subjects for College of Education freshmen.
 3. There must be no failing grades.
 4. The total number of grades shall be averaged.
 5. The student must have entered the College of Education within three years after being graduated from high school.

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 chemistry of india rubber. These fellowships are open to graduates of standard American colleges and universities and are of the value of \$750 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. Scholarships have been granted for the years 1935-36 and for 1936-37.

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 to be 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 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 becomes available for the year 1936-37.

JOSTEN'S NATIONAL ART ESSAY CONTEST SCHOLARSHIP FOR HIGH SCHOOLS

As a courtesy to President Daniel C. Gainey of Josten's, Owatonna, Minnesota, the following announcement is made:

Josten's National Art Essay Contest \$200 Scholarship and also the Josten, Ohio \$50 Scholarship are open to high schools. Those adopting the plan are entitled to (1) a beautiful copy of one of the world-famous oil paintings; (2) admission to Josten's National Art Essay Contest which provides a \$200 cash scholarship national prize, and a \$50 cash scholarship state prize; and (3) a suitable medallion for the student winning the contest in each individual school.

This contest will be conducted annually for three years, and all the schools that adopt this program will be entitled to all the benefits and inspiration growing out of the plan.

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. The purposes of the fraternity are:

1. To raise the standards of scholarship in the Department of Commerce.
2. To provide recognition for outstanding students in the Department of Commerce.
3. To further co-operation between the student body and the faculty of the Department of Commerce.

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. The aim of the fraternity is to improve scholarship, foster a better spirit among engineering students, and help members to become better citizens.

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 the College, and their rank must place them in the upper 15 per cent. of the graduating class. Six 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, was first organized in 1921, and functioned actively until 1926. In March, 1933, it was reorganized 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.

II. Rules for sophomore award.

1. The student must have completed 64 semester hours of work.
2. The 64 hours must include required freshman and sophomore work.
3. There must be no failing grades in either the freshman or sophomore years.
4. The total number of grades shall be averaged.
5. The student must have entered the sophomore class within one year after completing the freshman year.

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.

ORGANIZATION

Under the reorganization of the University and its curriculum which was approved May, 1935, and which became effective for entering students in September, 1935, the University of Akron is divided into two units designated as (1) the General College, and (2) the Upper College. Nothing in the reorganization plan destroys the identity or the autonomy of the several departments.

THE OLD PLAN OF ORGANIZATION

For the convenience of those students completing their work under the old program, the colleges and departments are here listed :

BUCHTEL COLLEGE OF LIBERAL ARTS

Four-year courses are offered leading to the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Home Economics, and Bachelor of Science in Applied Art.

DEPARTMENTS OF INSTRUCTION

| | |
|--------------------------------|---|
| Art | Military Science and Tactics (all colleges) |
| Biology | Modern Languages |
| Chemistry | Music |
| Economics | Philosophy |
| English (including Journalism) | Physical Education |
| Greek and Latin | Physics |
| History | Political Science |
| Home Economics | Psychology |
| Mathematics | Sociology |
| | Speech |

THE COLLEGE OF ENGINEERING AND COMMERCE

The College of Engineering and Commerce offers courses in various branches of engineering, in commerce and finance, and in secretarial science leading to the degrees of Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Industrial Engineering, Bachelor of Mechanical Engineering, Bachelor of Science in Business Administration, and Bachelor of Science in Secretarial Science. Engineering courses are on the co-operative plan and require five years for completion. A certificate course in Secretarial Science is offered.

THE TEACHERS COLLEGE

The Teachers College offers four-year courses for the preparation of teachers in high school subjects, kindergarten-primary and elementary grades, and in the special fields of Music, Art, Physical Education, Commerce, and Home Economics. Students who complete the prescribed four-year curriculum of 128 semester hours and have the required quality of work are entitled to receive the Bachelor of Education or the Bachelor of Science in Education degree.

THE NEW ORGANIZATION OF THE UNIVERSITY

1. THE GENERAL COLLEGE.
2. THE UPPER COLLEGE.

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 the 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 the 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 the Upper College.

THE UPPER COLLEGE

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

THE DIVISIONAL ORGANIZATION OF THE UPPER COLLEGE

BUCHTEL COLLEGE OF LIBERAL ARTS

The departments of the Liberal Arts College are grouped in the following divisions:

| <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
Electrical Engineering
Industrial 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
Commerce
Elementary
High School
Home Economics
Kindergarten
Music
Primary
Physical Education
Psychology
Vocational Education

ADMISSION

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

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 40 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.

GRADUATE STUDY

The applicant for admission to graduate study must satisfy the Committee on Admissions and Advanced Standing that all required secondary school and college credits have been secured and that the candidate has completed all the requirements for a bachelor's degree from a college of recognized standing. A transcript must be sent to the Registrar direct from the institution from which the applicant has 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.

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 enrolled in the following sessions :

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. Emphasis is placed on meeting the requirements of the new state law for certification of teachers.

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. Most institutes are offered on a six to twelve weeks basis, with an enrolment fee of \$3.00 per person.

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 |
| 70-76 inclusive | Poor | D |
| Below 70 | } Conditioned | E |
| | | Failed ..... | F |
| Incomplete ..... | ..... | I |

"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."

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.

"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 six weeks of the student's 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 the 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 student in the Upper College 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 absences, 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, or the Registrar.

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.

Two tardinesses count as one absence.

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 THE UPPER COLLEGE

For promotion to the 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 College 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

In the description of courses the numbers in parentheses are the old numbers.

THE OLD PLAN

- 1-99. Undergraduate courses for which no graduate credit will be granted.
- 100-199. Undergraduate courses for which graduate credit may be established by doing a greater amount and a higher quality of work than that required of undergraduates.
- 200-299. Graduate courses to which a few undergraduates of unusual ability may be admitted.
- 300-399. Graduate courses for which the prerequisite is a bachelor's degree.

THE NEW PLAN

- 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 letters "de" following a course number indicate that it is given in both Day and Evening Sessions. The letter "e" designates Evening Session only. The letter "s" designates Summer Session.

THE GENERAL COLLEGE

ADMISSION

Students are admitted by examination, 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. For admission to the University of Akron the average of the work done by the student in his high school course shall be the passing grade of that high school plus one-third the interval between the passing grade and 100.
3. Subject requirements. Since September, 1935, there have been no specified subject requirements for general admission to the University. The particular subjects offered for admission do, however, affect the eligibility of the student to take certain studies in college.

Because the correct use of English is a requirement for entrance, any student who proves to be inadequately prepared may be required to take without college credit whatever review of such fundamentals may be considered necessary.

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

For admission to the engineering course at least $1\frac{1}{2}$ 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.

REGISTRATION AND CLASSIFICATION

Students who wish to gain admission by certificate should ask the principal of the high school 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 17 and September 5. *Entering freshmen are not allowed to register after noon of September 5.* A \$5.00 deposit, required at the time of registration, is applied on semester fees.

ENTRANCE AT MID-YEAR

Entering students are accepted at mid-year in courses which begin at that time, subject to the regular admission requirements of the University of Akron.

Entering freshmen will register for the second semester on January 29 and 30, 1937, from 9:00 a. m. to 4:00 p. m.

FRESHMAN WEEK

The University in 1926 adopted a plan 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, tests, physical examination, lectures, and payment of fees.

For the first semester 1936-37, all entering freshmen are *required* to report at 8 a. m. on Tuesday, September 8, 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 1936-37 are: Day Session in all departments of the University, September 11 and 12, Friday and Saturday, 8:30 a. m. to 4:30 p. m. for the first semester. For the second semester, February 3, 4, and 5.

Evening Session, September 18 and 19, 9:00 a. m. to 9:00 p. m. for the first semester; February 5 and 6, 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.

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.

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 College through their various departments, will offer, in addition to certain required subjects, other introductory courses open to all students in the General College with definite prerequisites, but ordinarily not open to students of the Upper College.

GENERAL EDUCATION

Ordinarily the work of the student 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 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 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. There are always many such students. Not all who enter college remain four years, but a generous number of these can and should spend two years profitably on the college level.

**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 |
| In Major Field | 14 | 14 | 8 | 7 | 12 | 6 | 10 | 8 | 6 | 6 | 22 | 22 | 22 | 6 | 8 | 6 | 8 | 17 | 18 | 16 | 8 |
| English (Fresh.) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Health and Physical Education | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Int. Social Science | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Int. Humanities | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Int. Natural Science | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 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 | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † | † |
| Art | | | | | | | | | | | | | | | | | | | | | |
| Shakspeare | | | ‡ | | | | | | | | | | | | | | | | | | |
| Psychology | | | | | | | | | | | | | | | | | | | | | 13 |
| Accounting | | | | | | | | 6 | | | | | | | | | | | | | |
| Business Administration | | | | | | | | 6 | | | | | | | | | | | | | |
| Selling and Advertising | | | | | | | | | | | | | | | | | | | | | |
| Economics | | | | | | | | | | | | | | | | | | | | | |
| Shorthand | | | | | | | | | | | | | | | | | | | | | |
| Typewriting | | | | | | | | | | | | | | | 6 | | | | | | |
| Sociology | | | | | | | | | | | | | | | 4 | | | | | | |
| Zoology | | | | | | | | | | | | | | | | | 8 | | | | 8 |
| Botany | | | | | | | | | | | | | | | | | 8 | | | | 8 |
| Chemistry | | | | | | | | | | 14 | | | | | | | 8 | | | | 17 |
| Mathematics | | | | | | | | | | | | | | | | | 8 | 18 | .. | 18 | 8 |

* 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 modern 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.

REQUIREMENTS FOR PROMOTION TO UPPER COLLEGE WORK

COLLEGE OF EDUCATION

| | Kdgn. Prim. | Prim. Elem. | Elementary | H. & P.H. E. | High School | Music | Art | Junior High |
|-----------------------------------|-------------|-------------|------------|--------------|-------------|-------|-----|-------------|
| English | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Health & 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| *Accounting | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Foreign Language | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| **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 | 3 | 3 | 3 | 3 | 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.

COURSES OFFERED IN THE GENERAL COLLEGE
BUCHTEL COLLEGE OF LIBERAL ARTS

| | Credit Hours | | Credit Hours |
|---|-----------------|-------------------------------------|-----------------|
| HUMANITIES DIVISION | | SOCIOLOGY | |
| LATIN AND GREEK | | *Sociology 41 | 3 |
| *Latin 21-22 | 8 | *Social Attitudes 42 | 3 |
| *Latin 43-44 | 6 | Social Anthropology 45 | 3 |
| Greek 21-22 | 8 | | |
| ART | | HOME ECONOMICS | |
| *Structural Art 21 | 2 | *Textiles 21 | 4 |
| *Design 22 | 2 | *Clothing 22 | 4 |
| *Design 43 | 2 | *General Foods 45-46 | 8 |
| *Drawing and Rendering 45-46 | 4 | *Home Mgt. Survey 53-54 | 6 |
| *Modeling 59-60 | 4 | | |
| *Appreciation of Art 29 | 2 | COMMERCE | |
| ENGLISH | | *Accounting 21-22 | 6 |
| *English 1 | 3 | †Accounting 41-42 | 6 |
| *English 2 | 3 | *Business Administration 61 | 3 |
| *English 43 | 3 | *Selling and Advertising 81 | 3 |
| *Shakspeare 41 | 3 | ‡Analytical Accounting 43 | 3 |
| American Literature 47-48 | 6 | §Economic Geography 54 | 3 |
| Contemporary Fiction 49 | 3 | †Business Law 51 | 3 |
| Contemporary Drama 50 | 3 | | |
| Literature 45-46 | 6 | SECRETARIAL SCIENCE | |
| News Writing 51-52 | 6 | *Shorthand Theory 41-42 | 6 |
| Word Study 42 | 3 | **Shorthand 63-64 | 6 |
| MODERN LANGUAGES | | *Typewriting 51-52 | 4 |
| *French 21-22 | 8 | Secretarial Training 73-74 | 4 |
| *French 43-44 | 6 | §Secretarial Theory 21 | 3 |
| *German 21-22 | 8 | §Office Methods 26 | 3 |
| *German 43-44 | 6 | †Typewriting 31 | 2 |
| *Spanish 21-22 | 8 | | |
| *Spanish 43-44 | 6 | NATURAL SCIENCE DIVISION | |
| MUSIC | | BIOLOGY | |
| *General Theory 21 | 1 | *Zoology 61-62 | 8 |
| *Appreciation of Music 22 | 2 | *Botany 51-52 | 8 |
| *Elementary Harmony 43-44 | 4 | Geology 41-42 | 8 |
| Glee Club, Orchestra, Voice, Instruments | | | |
| PHILOSOPHY | | CHEMISTRY | |
| *Intro. to Philosophy 55-56 | 6 | *Chemistry 21-22 | 8 |
| SPEECH | | *Qual. Analysis 43 | 5 |
| *Speech 41 | 3 | *Organic Chemistry 44 | 4 |
| Speech 42 | 3 | ‡‡‡Inorganic Chemistry 23-24 | 6 |
| *Interpretation 51 | 3 | ‡‡‡Organic Chemistry 55 | 4 |
| Acting 63-64 | 6 | ‡‡‡Physiological Chemistry 56 | 4 |
| Debate 45-46 | 4 | | |
| SOCIAL SCIENCE DIVISION | | MILITARY SCIENCE AND TACTICS | |
| ECONOMICS | | Military Science and Tactics | |
| *Economics 41-42 | 6 | 11-12 | 2 |
| HISTORY | | Military Science and Tactics | |
| American History 41-42 | 6 | 43-44 | 2 |
| European History 45-46 | 6 | | |
| POLITICAL SCIENCE | | PHYSICS | |
| *American National Government | | *Physics 21-22 | 8 |
| 41 | 3 | *Physics 43-44 | 8 |
| American State and Local Gov- | | Physics 51-52 | 8 |
| ernment 42 | 3 | | |
| *Comparative Government 43 | 3 | MATHEMATICS | |
| | | *Algebra 21 | 4 |
| | | *Trigonometry 22 | 4 |
| | | *Analytical Geometry 43-44 | 4 |
| | | *Calculus 53-54 | 6 |
| | | Math. of Finance 58 | 4 |

* Required for majors.

‡ Required 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.

THE COLLEGE OF ENGINEERING
(All required in one course or another.)

| | | | |
|----------------------------------|---|-----------------------------------|---|
| Personnel Problems 21 | 1 | Engineering Mathematics: | |
| Surveying 21 | 1 | Trigonometry 31 | 3 |
| Surveying 22 | 1 | Algebra 32 | 3 |
| Drawing 21 | 2 | Analytical Geometry 33 | 3 |
| Drawing 22 | 2 | English Composition 21 | 3 |
| Descriptive Geometry 41-42 | 3 | English Composition 22 | 3 |
| Shop Practice 49 | 1 | English-Adv. Composition 62 | 3 |
| Shop Practice 50 | 1 | American Literature 61 | 2 |

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 |
| Intro. to Education 55 | 3 | Sight Singing 81-82 | 4 |
| Educational Sociology 65 | 3 | | |

GENERAL INTRODUCTORY COURSES

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

SUBJECTS OF INSTRUCTION

I. REQUIRED COURSES IN GENERAL EDUCATION

1-2des. 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.

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.

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.

7-8de. **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. (1) **STRUCTURAL ART.** Either semester. 2 credits.
A study of the basic principles of Art: design, color, composition.

22de. (2) **DESIGN.** Second semester. 2 credits.
Prerequisite, 21.

29de. **APPRECIATION OF ART.** First semester. 2 credits.
A study of the basic principles of line, color, and structure in textiles, ceramics, metal, glass, wood, parchment, and paper, with the purpose of developing discrimination and appreciation of handwork and good machine-made products, characteristic native arts, and their historic backgrounds.

43. (3) **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 study of parallel, angular, and curvilinear perspective and their adaptation to the drawing of objects in still life, in interiors and landscapes. A study of values expressed in simple mediums, as pencil, crayon, pen and ink, and wash drawing. A necessary course for the student in Interior Decoration, Costume Design, and Commercial Art.

59. (9) CLAY MODELING. First semester. 2 credits.
Prerequisite, 22.

60. (10) MODELING. Second semester. 2 credits.
Work in clay, plaster and wood. Prerequisite, 59.

ENGLISH

41de. (31) SHAKSPERE. First semester. 3 credits.
From eighteen to twenty plays of Shakspeare are read, illustrating the various periods of his work as a dramatist.

42. (55) WORD STUDY. Second semester. 3 credits.
A study of English words—their origin, development, significance, and habits.

43de. CREATIVE WRITING. Second semester. 3 credits.
Designed for students who wish to improve the ease and quality of their composition. Emphasis on narration and description. Many themes, class criticism, individual conferences. Prerequisite, 1.

45-46de. (25-26) TYPES OF LITERATURE. 3 credits each semester.
First semester, types of prose; second semester, types of poetry.

47-48. (27-28) AMERICAN LITERATURE SINCE 1820. 3 credits each semester.

49de. CONTEMPORARY FICTION. First semester. 3 credits.
An appreciative study of some major works in the field of recent and contemporary fiction. Material will be drawn from continental European as well as British and American sources.

50de. CONTEMPORARY DRAMA. Second semester. 3 credits.
An appreciative study of some of the best contemporary dramas, continental European as well as British and American.

JOURNALISM

51. (15) 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. (16) NEWS WRITING. Second semester. 3 credits.
A continuation of 51, but may be taken either before or after it.

55e. NEWS WRITING AND EDITING. First semester. 2 credits.

LATIN AND GREEK

LATIN

21. (1) CICERO: DE OFFICIIS, AND OVID: SELECTIONS. First semester. 4 credits.
22. (2) TERENCE: ANDRIA, AND PLINY: LETTERS. Second semester. 4 credits. Prerequisite, 21.
43. (3) LIVY: HANNIBALIC WAR. First semester. 3 credits. Prerequisite, 22.
44. (4) PLAUTUS: MOSTELLARIA, AND CICERO: LETTERS. Second semester. 3 credits. Prerequisite, 43.

GREEK

- 21-22. (1-2) ELEMENTARY GREEK. 4 credits each semester. 1936-37 and alternate years.

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 |

FRENCH

- 21-22. (1-2) FIRST YEAR FRENCH. 4 credits each semester.
- 43-44de. (3-4) SECOND YEAR FRENCH. 3 credits each semester. Prerequisite, 21-22.

GERMAN

- 21-22des. (1-2) FIRST YEAR GERMAN. 4 credits each semester.
- 43-44. (3-4) SECOND YEAR GERMAN. 3 credits each semester. Prerequisite, 21-22.

SPANISH

- 21-22. (1-2) FIRST YEAR SPANISH. 4 credits each semester.
- 43-44de. (3-4) SECOND YEAR SPANISH. 3 credits each semester. Prerequisite, 21-22.

MUSIC

21. (1) GENERAL THEORY. 1 credit.
A general introductory course required of all students taking applied music or the theory of music.
- 22de. APPRECIATION OF MUSIC. Second semester. 2 credits.
A course in intelligent listening, presenting representative selections from music literature, proceeding from the familiar to the unfamiliar.
- 43-44de. (3-4) ELEMENTARY HARMONY. 2 credits each semester. Prerequisite, the ability to play hymns on the piano.

APPLIED MUSIC

See under Humanities Division, Buchtel College of Liberal Arts and under Music, The College of Education.

PHILOSOPHY

55. (1) INTRODUCTION TO PHILOSOPHY. First semester. 3 credits.
 56. (2) THE FIELD OF PHILOSOPHY. Second semester. 3 credits.
 This course aims particularly to cover the chief problems and points of view of Greek, medieval, and modern philosophy, and the problems of constructive philosophy. Prerequisite, 55.

SPEECH

- 41de. (1) PUBLIC SPEAKING. Either semester. 3 credits.
 42. (11) PUBLIC SPEAKING. Either semester. 3 credits.
 Prerequisite, 41.
 45-46. (19-20) DEBATE. 2 credits each semester.
 Prerequisite, 41.
 47e. (51) PUBLIC SPEAKING FOR BUSINESS MEN. Either semester.
 2 credits.
 48e. (52) ADVANCED PUBLIC SPEAKING FOR BUSINESS MEN. Either semester.
 2 credits.
 51ds. (31) INTERPRETATION. First semester. 3 credits.
 Prerequisite, 41.
 63-64. (23-24) ACTING. 3 credits each semester.

THE SOCIAL SCIENCE DIVISION

ECONOMICS

- 41-42des. (1-2) PRINCIPLES OF ECONOMICS. 3 credits each semester.

HISTORY

- 41des. (11) AMERICAN HISTORY, THROUGH THE CIVIL WAR. First semester. 3 credits.
 42de. (12) AMERICAN HISTORY SINCE THE CIVIL WAR. Second semester. 3 credits.
 45-46. MODERN EUROPEAN HISTORY. 3 credits each semester.
 In this course special effort is made to give the student a fundamental factual foundation upon which to build an intelligent comprehension of the historical forces and the interrelationship of the historic events of the period studied. The synthetic method of historical interpretation is used. The political history of the period is not permitted to obscure the economic, scientific, and social progress that is contemporary and concomitant with it. The study extends through the post-World War period.

HOME ECONOMICS

21. (1) TEXTILES. First semester. 4 credits.
 22. (2) CLOTHING. Second semester. 4 credits.
 45-46de. (13-14) GENERAL FOODS. 4 credits each semester.
 Laboratory fee, \$4.50 per semester.
 53-54. (23-24) HOME MANAGEMENT SURVEY. 3 credits each semester.
 Fee, \$1 per semester.

POLITICAL SCIENCE

- 41des. (2) AMERICAN NATIONAL GOVERNMENT. Either semester. 3 credits.
- 42de. (3) AMERICAN STATE AND LOCAL GOVERNMENT. Either semester. 3 credits.
- 43de. (4) COMPARATIVE GOVERNMENT. Either semester. 3 credits.

SOCIOLOGY

41. (1) INTRODUCTION TO SOCIOLOGY. First semester. 3 credits.
42. (2) SOCIAL ATTITUDES. Second semester. 3 credits.
Prerequisite, 41.
- 45e. SOCIAL ANTHROPOLOGY. First semester. 3 credits.
A description of the cultures and social organizations of pre-literate peoples. A presentation of background materials basic to an understanding of modern social problems and organization.

COMMERCE

- 21-22de. ACCOUNTING. 3 credits each semester.
- 41-42. (7-8) 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.
- 43de. (23) ANALYTICAL ACCOUNTING. First semester. 3 credits.
Prerequisite, 22.
51. (5) BUSINESS LAW. First semester. 3 credits.
Designed especially for students in Secretarial Science. The work covers the principles of debits and credits, the use of books of account, and the profit and loss statement.
- 54e. (14) ECONOMIC GEOGRAPHY. First semester. 3 credits.
- 61de. BUSINESS ADMINISTRATION. Either semester. 3 credits.
- 81de. SELLING AND ADVERTISING. First semester. 3 credits.
Why and how people buy. The organization and presentation of sales appeals for the selling of products and services. Personal selling is emphasized but advertising copy and media are also considered.

SECRETARIAL SCIENCE

21. (7-8) SECRETARIAL THEORY. First semester. 3 credits.
26. (5) OFFICE METHODS. Either semester. 3 credits.
- 41-42. (21-22) SHORTHAND THEORY. 3 credits each semester.

- 63-64. (23-24) **ADVANCED SHORTHAND.** 3 credits each semester.
Prerequisite, 42 or equivalent.
- 51-52. (31-32) **TYPEWRITING.** 2 credits each semester.
Fee, \$1 per semester.
- 73-74. (33-34) **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.
- 23e. **SECRETARIAL THEORY.** First semester. 2 credits.
- 35e. **BUSINESS ENGLISH.** Either semester. 2 credits.
- 93e. **BUSINESS LETTERS.** Either semester. 2 credits.
- 83-84e. **ADVANCED SHORTHAND AND TYPEWRITING.** Three credits each semester.
Prerequisite, 42 and 52, or equivalent of two years of high school instruction.
- 85e. **ADVANCED SHORTHAND AND TYPEWRITING.** First semester.
2 credits.
Prerequisite, Shorthand and Typewriting 84.

THE NATURAL SCIENCE DIVISION .

BIOLOGY

- 61-62. (1-2) **GENERAL ZOOLOGY.** 4 credits each semester.
Laboratory fee, \$4 per semester.
- 51-52de. (31-32) **GENERAL BOTANY.** 4 credits each semester.
Laboratory fee, \$4 per semester.
- 41-42. **GENERAL GEOLOGY.** 4 credits each semester.
Laboratory fee, \$2.50 per semester.

CHEMISTRY

- 21-22de. (1-2) **GENERAL INORGANIC CHEMISTRY.** 4 credits each semester.
Laboratory fee, \$10 per semester.
43. (4) **QUALITATIVE ANALYSIS.** First semester. 5 credits.
An application of chemical principles, including the theory of electrolytic dissociation, solubility product, hydrogen-ion concentration, complex-ion formation, etc., to the separation and identification of metals and non-metals. Prerequisite, 22. Laboratory fee, \$10.
- 44ds. (7) **INTRODUCTORY ORGANIC CHEMISTRY.** Second semester.
4 credits.
Prerequisite, 22. Laboratory fee, \$10.

NOTE

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.

An elementary study of fundamental principles and properties with primary emphasis on the applications of chemistry to everyday life. 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 provides 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

21des. (1) COLLEGE ALGEBRA. Either semester. 4 credits.

22des. (2) TRIGONOMETRY. Second semester. 4 credits.

43-44de. (3-4) ANALYTIC GEOMETRY. 2 credits each semester.
Prerequisite, 21 and 22.

45. (5) DIFFERENTIAL CALCULUS. First semester. 3 credits.
Prerequisite, 21 and 22. Course 43 must be taken either before or with Course 53.

46. (6) INTEGRAL CALCULUS. Second semester. 3 credits.
Prerequisite, 53.

58. BUSINESS MATHEMATICS. Either semester. 3 credits.
Prerequisite, 21.

59-60e. BUSINESS MATHEMATICS. 2 credits each semester.

PHYSICS

21-22. (3-4) MECHANICS. 4 credits each semester.

A more intensive course for students who expect to major in Physics or to acquire a working knowledge of the subject. Students in this course must have completed the freshman mathematics courses or be taking them. Two lectures and two laboratory periods per week. Laboratory fee, \$4 each semester.

51-52de. (1-2) GENERAL PHYSICS. 4 credits each semester.
An introductory survey planned to give the student a general knowledge of the subject together with some training in the method of science. 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. (7) OPTICS. First semester. 4 credits. Laboratory fee \$2.

43-44. (5-6) HEAT, MAGNETISM, AND ELECTRICITY. 4 credits each semester.

A continuation of 21-22. Prerequisites, freshman mathematics and Physics, 21-22. The student must also be taking Calculus. Laboratory fee, \$4 each semester.

THE COLLEGE OF ENGINEERING

21-22ds. (CE1) SURVEYING. Each semester. 1 credit.

21-22. (ME3-4) ENGINEERING DRAWING. Each semester. 2 credits.

31ds. (51) TRIGONOMETRY. First semester, five hours per week for the first twelve weeks. 3 credits.

Prerequisites, $1\frac{1}{2}$ units of high school algebra.

32. (52) ALGEBRA. Five hours per week for the last six weeks of the first semester and the first six weeks of the second semester. 3 credits.

Prerequisite, $1\frac{1}{2}$ units of high school algebra.

33. (53) ANALYTIC GEOMETRY. Five hours per week for the last twelve weeks of the second semester. 3 credits.

41-42. (ME8-9) DESCRIPTIVE GEOMETRY. $1\frac{1}{2}$ credits each semester.

21. (IE1) PERSONNEL PROBLEMS. Either semester. 1 credit.

Practical problems in human relationships in industry which confront the worker, the foreman, and the executive.

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

Exercises in bench work and use of machine tools.

51-52. (Co-ord. 31-32) ENGINEERING PROBLEMS. Each semester. 2 credits.

Prerequisites, Mathematics 31, 32, 33, and Physics 21-22.

55. DIFFERENTIAL CALCULUS. First semester. 3 credits.

56. INTEGRAL CALCULUS. Second semester. 3 credits.

21-22. (80-81) ENGLISH COMPOSITION. Each semester. 3 credits.

61. AMERICAN LITERATURE. First semester. 2 credits.

62. ADVANCED COMPOSITION. Second semester. 3 credits.

THE COLLEGE OF EDUCATION

65des. (7) EDUCATIONAL SOCIOLOGY. Either semester. 3 credits.

55ds. (1) INTRODUCTION TO EDUCATION. Either semester. 3 credits.
The purpose of this course is to present to the student a picture of the school as a social institution, the forces which mold it and its function in a democratic order; attention is given also to the history of our educational system.

GEOGRAPHY

71de. (1) PRINCIPLES OF GEOGRAPHY. First semester. 3 credits.

72. (3) GEOGRAPHY OF NORTH AMERICA. First semester. 3 credits.

73. (4) GEOGRAPHY OF SOUTH AMERICA. Second semester. 2 credits.

74des. (6) GEOGRAPHY OF EUROPE. Second semester. 3 credits.

PUBLIC SCHOOL MUSIC

81-82ds. (31-32) 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

41ds. (1) GENERAL PSYCHOLOGY. Either semester. 3 credits.

42ds. (2) APPLIED PSYCHOLOGY. Second semester. 3 credits.

52ds. (3) EDUCATIONAL PSYCHOLOGY. Either semester. 3 credits.
Prerequisite, 1.

62. (18) BUSINESS PSYCHOLOGY. Second semester. 3 credits.
Application of the principles of psychology to the business activities of selling, advertising, and management. Analysis of sensations, perception, attention, feeling and emotion, and suggestion will be made accompanied by case application of these factors to everyday business.

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 |
| Rific Marksmanship | 15 | | |
| | 96 | | |

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 :

THE HUMANITIES DIVISION

Art: Required: Structural Art 21, Design 22, Design 43, Drawing and Rendering 45-46, Modeling 59-60. Recommended: Speech 41.

English: Required: English 43, Shakspeare 41. Recommended: American Literature 47-48, Word Study 42, Philosophy 55-56, Type-writing 31, Social Science, especially Sociology 41-42.

Latin and Greek: Required: Latin 21-22, Latin 43-44. Recommended: Shakspeare 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, Shakspeare 41.

Psychology and Philosophy: Required: Philosophy 55-56, Psychology 41-42. Recommended: Sociology 41-42, Literature, especially Shakspeare 41.

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

* 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 Division (except Commerce and Secretarial Science), the requirement is two years of a modern 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.

THE SOCIAL SCIENCE DIVISION

Economics: Required: Economics 41-42. Recommended: Accounting 21-22, Economic Geography 54, Business Administration, 61.

History: Required: None. Recommended: Social Science.

Home Economics: Required: Textiles 21, Clothing 22, General Foods 45-46, Home Management Survey 53-54; Chemistry 23-24, 55, 56 (Foods and Nutrition majors); French, both years (Textiles and Clothing majors); Foreign language in sophomore year (General Home Economics majors).

Political Science: Required: American National Government 41, American State and Local Government 42 or Comparative Government 43. 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, Algebra 21, Trigonometry 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.

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. |
|--------------------------|------|----------|---------------------------|------|----------|
| Mil. Science and Tactics | 1 | 1 | Mil. Science and Tactics | 1 | 1 |
| Hygiene 3 | 3 | 3 | Hygiene 4 | 3 | 3 |
| Physics 21 (Mechanics) | 4 | 4 | Physics 22 (Mechanics) | 4 | 4 |
| Math. 31 (Trigonometry) | } 4½ | 4½ | Math. 32 (Algebra) | } 4½ | 4½ |
| Math. 32 (Algebra) | | | Math. 33 (Anal. Geometry) | | |
| English Composition 21 | 3 | 3 | English Composition 22 | 3 | 3 |
| Drawing 21 | 2 | 2 | Drawing 22 | 2 | 2 |
| Surveying 21 | 1 | 1 | Surveying 22 | 1 | 1 |

SOPHOMORE YEAR

| First Semester | | Cr. Hrs. | Second Semester | | Cr. Hrs. |
|-----------------------------------|----|----------|--|----|----------|
| Mil. Science and Tactics | 1 | 1 | Mil. Science and Tactics | 1 | 1 |
| Intr. to Social Sciences 5 | 3 | 3 | Intr. to Social Sciences 6 | 3 | 3 |
| Descriptive Geometry 41 | 1½ | 1½ | Math. 56 (Calculus) | 3 | 3 |
| Math. 55 (Calculus) | 3 | 3 | Descriptive Geometry 42 | 1½ | 1½ |
| Physics 43 (Electricity and Heat) | 4 | 4 | Physics 44 (Electricity Light and Sound) | 4 | 4 |
| Shop Practice 49 | 1 | 1 | Shop Practice 50 | 1 | 1 |
| or | | | or | | |
| Plane Table Surveying 41 | 1 | 1 | Plane Table Surveying 42 | 1 | 1 |
| Personnel Problems 21 | 1 | 1 | Personnel Problems 22 | 1 | 1 |
| Introduction to Humanities | 3 | 3 | Introduction to Humanities | 3 | 3 |

THE COLLEGE OF EDUCATION

Required: Psychology 41 and 52, Introduction to Education 55, Literature, 6 credits.

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

SECOND YEAR

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

* May be interchanged.

TWO-YEAR ELEMENTARY COURSE

| Courses | Hours |
|--|-----------------|
| English | 6 |
| Introduction to Social Science | 6 |
| Introduction to Science | 6 |
| Introduction to Humanities | 6 |
| Health, Mental, and Social Hygiene | 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 |
| 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 Education | 3 |
| Student Teaching | 4 |
| TOTAL | <u>66</u> hours |

} 2 of the 3

TWO-YEAR NURSERY SCHOOL COURSE

| Courses | Hours |
|---------------------------------------|-----------------|
| Introduction to Humanities | 6 |
| Introduction to Social Science | 6 |
| Introduction to Natural Science | 6 |
| Hygiene | 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 Education | 3 |
| Play Materials | 2 |
| Practice Teaching | 4 |
| School Management | 2 |
| Elective in Education | 2 |
| TOTAL | <u>70</u> hours |

THE UPPER COLLEGE

BUCHTEL COLLEGE OF LIBERAL ARTS

THE COLLEGE OF ENGINEERING

THE COLLEGE OF EDUCATION

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.

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.

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.

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 modern 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.)

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 of 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%, 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
DEPARTMENTS OF INSTRUCTION

ART

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

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; Psychology, 6 credits; and two years of a modern foreign language.

REQUIRED COURSES IN THE UPPER COLLEGE

| | Cr. Hrs. |
|--|----------|
| History of Art | 6 |
| Commercial Art | 4 |
| Still Life | 4 |
| Etching and Woodblock Illustration | 4 |
| Crafts | 4 |
| Weaving | 4 |
| Costume | 4 |
| House Planning | 4 |
| Illustration | 4 |
| Figure Drawing | 4 |
| Classical Archaeology | 3 |
| Electives | 19 |
| | 64 |

Suggested Electives: Sociology 41, 3 credits; Ancient and Medieval History, 12 credits; Lettering, 4 credits; Greek Masterpieces, 6 credits; Drama, 6 credits; Shakspeare, 3 credits.

101. (4) CRAFTS. APPLIED DESIGN. First semester. 2 credits.
Prerequisite, 43.

102des. (5) CRAFTS. APPLIED DESIGN. Second semester. 2 credits.
Prerequisite, 101.

105. (7) ETCHING AND WOODBLOCK ILLUSTRATION. First semester. 2 credits.
Prerequisite, 46.

106ds. (11) WEAVING. Second semester. 2 credits.
Prerequisite, 43.

107. WEAVING. First semester. 2 credits.
Prerequisite, 106.

111de. (17) STILL LIFE. First semester. 2 credits.
Prerequisite, 46.

112de. (18) STILL LIFE. Second semester. 2 credits.
Prerequisite, 111.

131. (23) COMMERCIAL. First semester. 2 credits.
Prerequisites, 22, 45. 1936-37 and alternate years.

- 132de. (24) COMMERCIAL. Second semester. 2 credits.
Prerequisite, 131. 1936-37 and alternate years.
- 141e. (12) LETTERING. First semester. 2 credits.
Prerequisite, 22.
- 142e. LETTERING. Second semester. 2 credits.
Prerequisite, 141.
151. (111) COSTUME. First semester. 2 credits.
Prerequisite, 43. 1937-38 and alternate years.
152. (112) STAGE COSTUME. Second semester. 2 credits.
Prerequisite, 151. 1937-38 and alternate years.
171. (113) HOUSE PLANNING. First semester. 2 credits.
Prerequisite, 43. 1936-37 and alternate years.
172. (114) HOUSE PLANNING. Second semester. 2 credits.
Prerequisite, 171. 1936-37 and alternate years.
175. (19) FIGURE DRAWING. First semester. 2 credits.
Prerequisite, 112. Fee, \$1.25.
- 176e. (20) FIGURE DRAWING. Second semester. 2 credits.
Prerequisite, 175. Fee, \$1.25.
179. (21) ILLUSTRATION. First semester. 2 credits.
Prerequisite, 176. 1937-38 and alternate years.
180. (22) ILLUSTRATION. Second semester. 2 credits.
Prerequisite, 179. 1937-38 and alternate years.
- 201ds. (125) HISTORY OF ART. First semester. 3 credits.
202. (126) HISTORY OF ART. Second semester. 3 credits.
Prerequisite, 201.

For other courses in Art, see the College of Education, page 123.

ENGLISH

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

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, ordinarily 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.

- 102 (33) SIXTEENTH CENTURY LITERATURE. Second semester.
3 credits.

A survey of the literature of the period exclusive of the drama.
1936-37 and alternate years.

103. (43) 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. (44) 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. (37-38) NINETEENTH CENTURY LITERATURE. 3 credits
each semester.
1936-37 and alternate years.
110. (32) SHAKSPERE. First semester. 3 credits.
An intensive study of three or four of the more important plays.
1937-38 and alternate years.
112. (34) TENNYSON AND BROWNING. Second semester. 3 credits.
1937-38 and alternate years.
- 114de. (35) 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. (47) CONTEMPORARY BRITISH POETRY. First semester.
3 credits.
Not offered 1936-37.
118. (48) CONTEMPORARY AMERICAN POETRY. Second semester.
3 credits.
Not offered 1936-37.
- 121-122. (39-40) ENGLISH FICTION: DEVELOPMENT OF THE
NOVEL. 3 credits each semester.
1937-38 and alternate years.
- 131 (53) SEMINAR. First semester. 3 credits.

- 143-144. (5-6) SHORT STORY WRITING. 2 credits each semester. 1936-37 and alternate years.
162. (30) HISTORY OF THE ENGLISH LANGUAGE. Second semester. 3 credits. 1937-38 and alternate years.
201. (29) CHAUCER. First semester. 3 credits. 1937-38 and alternate years.
- 203-204. (41-42) THE DRAMA. 3 credits each semester. 1936-37 and alternate years.
- 205-206. (121-122) ANGLO-SAXON. 3 credits each semester. All English majors intending to teach should take this course. 1937-38 and alternate years.
- 207-208e. (125-126) MIDDLE ENGLISH. 3 credits each semester. 1936-37 and alternate years.

JOURNALISM

MR. VANCE

- 153-154. (17-18) EDITING. 2 credits each semester. Prerequisite, News Writing 51-52 or the equivalent.
155. (19) HISTORY OF JOURNALISM. First semester. 2 credits. 1937-38 and alternate years.
157. (23) EDITORIAL WRITING. First semester. 2 credits. 1936-37 and alternate years.
- 156de. (20) FEATURE WRITING. Second semester. 2 credits.

LATIN AND GREEK

PROFESSOR YOUNG

Required courses for majors in the General College: Latin 21-22 (1-2) and 33-34 (3-4); in the Upper College: Latin and Greek Masterpieces.

LATIN

105. HORACE: ODES. First semester. 3 credits. Prerequisite, 34. 1935-36 and alternate years.
106. LUCRETIUS AND JUVENAL. Second semester. 3 credits. Prerequisite, 34. 1935-36 and alternate years.
107. VERGIL: GEORGICS, AND SUETONIUS. First semester. 3 credits. Prerequisite, 34. 1937-38 and alternate years.
108. CATULLUS, AND TACITUS: ANNALS. Second semester. 3 credits. Prerequisite, 34. 1937-38 and alternate years.
- LATIN PROSE COMPOSITION. 1 credit each semester. Indispensable to prospective teachers and graduate students. Prerequisite, 34. 1937-38 and alternate years.
152. (52) LATIN MASTERPIECES IN ENGLISH TRANSLATIONS. Second semester. 3 credits. 1935-36 and alternate years.

GREEK

113. (13) GREEK ARCHAEOLOGY. First semester. 3 credits.
1935-36 and alternate years.
- 149-50. (49-50) GREEK MASTERPIECES IN ENGLISH TRANSLATIONS. 2 credits each semester. 1935-36 and alternate years.

MODERN LANGUAGES

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

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

The student must take at least 14 hours of work of a 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. (5-6) THIRD YEAR FRENCH: THE FRENCH NOVEL.
2 credits each semester.
Prerequisite, 43-44.
- 103-104. (7-8) FRENCH COMPOSITION. 2 credits each semester.
Prerequisite, 43-44.
105. FRENCH PHONETICS. Either semester. 1 credit.
- 207-214. (107-114) ADVANCED FRENCH. 2 credits each semester.
Prerequisite, 102 or 104.

Two of the following courses are given each year :

- 207-208. (107-108) FRENCH DRAMA OF THE SEVENTEENTH CENTURY.
- 209-210. (109-110) MODERN FRENCH LITERATURE.
- 211-212. (111-112) SURVEY OF FRENCH LITERATURE.
- 213-214. (113-114) FRENCH LITERATURE OF THE EIGHTEENTH CENTURY.

SPANISH

ASSISTANT PROFESSOR ROBERTS, MR. ALBRECHT

- 101-102. (5-6) SPANISH CIVILIZATION. 2 credits each semester.
Prerequisite, 43-44.
- 207-216. (107-114) ADVANCED SPANISH. 2 credits each semester.
Prerequisite, 102 or 104.

Two of the following courses are offered each year :

- 103-104. (7-8) SPANISH COMPOSITION. 2 credits each semester.
Prerequisite, 43-44.
- 207-208. (107-108) SPANISH LITERATURE OF THE NINETEETH
CENTURY.
- 209-210. (109-110) SPANISH LITERATURE OF THE RENAISSANCE
AND GOLDEN AGE.
- 211-212. (111-112) SURVEY OF SPANISH LITERATURE TO 1830.
- 213-214. (113-114) SPANISH-AMERICAN LITERATURE.
- 215-216. (115-116) SPANISH LITERATURE SINCE 1898.

GERMAN

PROFESSOR BULGER, ASSOCIATE PROFESSOR REED, MR. ALBRECHT

- 101-102. (5-6) GERMAN DAILY LIFE. 2 credits each semester.
Prerequisite, 43-44.
- 103-104. (7-8) GERMAN COMPOSITION. 2 credits each semester.
Prerequisite, 43-44.
- 207-218. (107-118) ADVANCED GERMAN. 2 credits each semester.
Prerequisite, 102 or 104.

Two of the following courses are offered each year :

- 207-208. (107-108) SCHILLER.
- 209-210. (109-110) GOETHE.
- 211-212. (111-112) SURVEY OF GERMAN LITERATURE.
- 213-214. (113-114) MODERN GERMAN DRAMA.
- 215-216. (115-116) FAUST.
- 217-218. (117-118) SHORT STORY.

MUSIC

ASSISTANT PROFESSOR ENDE; MISS RIDER; MR. GARLINGHOUSE,
GLEE CLUBS; MR. LEBO, BAND; MR. CAMPBELL, 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.

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. (5-6) ADVANCED HARMONY. 2 credits each semester.
Prerequisite, 44.
- 103-104. (7-8) COUNTERPOINT. 2 credits each semester.
Prerequisite, 44.
- 105-106. (35-36) HISTORY OF MUSIC. 2 credits each semester.
Not offered 1936-37.
108. (9) FORM AND ANALYSIS. Second semester. 3 credits.
Prerequisites, 101 and 103.
- 109de. KEYBOARD HARMONY. First semester. 2 credits.
The material of elementary harmony applied to the piano. Transposition and simple improvisation. Prerequisite, 102.
111. (11) COMPOSITION. First semester. 2 credits.
Prerequisites, 102 and 108.
113. (13) CONDUCTING. First semester. 1 credit.
Prerequisite, permission of the instructor.
114. (12) ORCHESTRATION. Second semester. 3 credits.
Prerequisite, 102.

APPLIED MUSIC—CLASS LESSONS

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. (15) BRASS AND WOOD WIND INSTRUMENTS. Either semester. 1 credit.
- 116e. (1) VOICE CLASS. Either semester. 2 credits.

APPLIED MUSIC—PRIVATE LESSONS

All students taking private lessons in Applied Music are required to take General Theory 21 concurrently during the first semester of study. They may from time to time be required to participate in a recital or appear before a committee selected for the purpose of judging their progress.

- 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.

Two private half-hour lessons per week, 2 credits each semester, \$60.00. One private half-hour lesson per week, 1 credit each semester, \$30.00.

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.

THE PIXLEY SCHOLARSHIPS IN MUSIC

The University offers scholarships each semester to deserving students in Instruments or Voice. A full scholarship, two half-hour lessons per week, is worth \$40.00, the student paying \$20.00. A half scholarship, one half-hour lesson per week, is worth \$20.00, the student paying \$10.00. Applicants are required to render three compositions chosen by the instructor from the previous semester's work. If the candidate has not been taking Music in the University the compositions are selected by the instructor with whom he expects to study. The awarding of the scholarships is made by a committee consisting of all members of the Music faculty, two members of the general faculty, and the President of the University, ex-officio. Awards are made upon the basis of special talent and ability as determined by the rendition of compositions, and general scholastic ability. All candidates must appear before the committee on or before June 1 or February 1 of the semester prior to that for which the scholarship is awarded.

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 include all the courses offered in Philosophy, and, ordinarily, at least the following courses in Psychology (see page 128) : Child Psychology, Mental Hygiene, Social Psychology, Genetic Psychology, and Psychology of Adolescence.

103de. (3-4) HISTORY OF PHILOSOPHY. First semester. 3 credits.
 Prerequisite, 56. 1936-37 and alternate years.

104. (6) LOGIC. Second semester. 3 credits.
 1936-37 and alternate years.

105de. (5) ETHICS. First semester. 3 credits.
 1937-38 and alternate years.

106. (8) 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 courses in the General College recommended but not required, see page 50.

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. (32) ADVANCED INTERPRETATION. Second semester.
3 credits.
153. VOICE TRAINING. First semester. 1 credit.
1936-37 and alternate years.
- 161-162. (21-22) PLAY PRODUCTION. Fee \$2.00. 3 credits each
semester.
1937-38 and alternate years.
- 172ds. (3) INTRODUCTION TO VOICE SCIENCE. Second semester.
3 credits.
173. (42) SPEECH CORRECTION. Second semester. 2 credits.
1937-38 and alternate years.
- 181de. (9) RADIO SPEAKING. Fee \$1.00. Either semester.
3 credits.
191. (101-102) SEMINAR. First semester. 2 credits.
192. SURVEY OF THE LITERATURE OF SPEECH. Second semester.
2 credits.
1936-37 and alternate years.

THE SOCIAL SCIENCE DIVISION
DEPARTMENTS OF INSTRUCTION
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 must be met for admission to the Commerce Department:

| | Cr. Hrs. |
|-------------------------------|----------|
| Accounting | 6 |
| Business Administration | 3 |
| Selling and Advertising | 3 |
| Economics | 6 |

For a degree in Business Administration, the following additional requirements must be taken during the sophomore or junior year:

| | Cr. Hrs. |
|-------------------------------|----------|
| Analytical Accounting | 3 |
| Economic Geography | 3 |
| Typewriting | 2 |
| Business Correspondence | 3 |

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.

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

FIRST YEAR

| | First Semester | Cr. Hrs. | | Second Semester | Cr. Hrs. |
|------------------------------------|----------------|----------|------------------------------------|-----------------|----------|
| General Courses | 12 | | General Courses | 12 | |
| Accounting 21 | 3 | | Accounting 22 | 3 | |
| Military Science and Tactics | 1 | | Military Science and Tactics | 1 | |

SECOND YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|------------------------------------|----------|------------------------------------|----------|
| General Courses | 3 | General Courses | 3 |
| Business Administration 61 | 3 | Typewriting 59 | 2 |
| Selling and Advertising 83 | 3 | Economic Geography 54 | 3 |
| Economics 41 | 3 | Economics 42 | 3 |
| Analytical Accounting 43 | 3 | Business Correspondence 133, | } 3 |
| Military Science and Tactics | 1 | *Intermediate Accounting 124, or | |
| | | *Money and Banking 103 | |
| | | Military Science and Tactics | 1 |

*Students interested in Accounting should take Intermediate Accounting at this point; those interested in Finance should take Money and Banking.

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 | |
| Statistics 147 | 4 | **Electives | 6 |
| **Electives in Major | 3 | **Electives in Major | 3 |

*Majors in Management and Accounting should take Business Management; majors in Finance and Marketing should elect 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.

FOURTH YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|-------------------------|----------|---------------------------|----------|
| Elective in Major | 3 | Elective in Major | 3 |
| General Electives | 8 | General Electives | 5 |
| Social Science | 3 | Business Policy 168 | 3 |
| Seminar | 2 | Social Science | 3 |
| | | Seminar | 2 |

SUGGESTED GENERAL ELECTIVES

| | |
|--------------------------|----------------------------|
| * <i>Economics</i> | * <i>Political Science</i> |
| Money and Banking | Business and Government |
| Labor Problems | American Government |
| Public Finance | Comparative Government |
| Economic History | Public Administration |
| * <i>History</i> | Political Theory |
| General Survey | * <i>Sociology</i> |
| History of England | General Sociology |
| History of Modern Europe | Sociology of the Crowd |
| <i>Art</i> | Leadership |
| Commercial Art | * <i>Psychology</i> |
| <i>Mathematics</i> | General |
| Algebra | Business Psychology |
| Mathematics of Finance | |

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

OPTIONAL MAJORS IN COMMERCE

In order to enable students to do more advanced and intensive work in one of the major fields of commerce, several Optional Majors in Commerce have been outlined.

These majors are planned to give students a working knowledge in some special branch of business in which there exists a demand for men with intensive and professionalized training. It is not the aim of the University to finish students in these lines of endeavor, but rather to prepare them with a wide, general, and thorough knowledge of these fields upon which they can superimpose actual experience and further study at first-hand in the school of actual business.

Five fields of specialization are available to the students in Commerce; namely, Accounting, Finance, General Business, Management, and Marketing and Advertising. The election of a major at the commencement of the third year enables

the student to direct his energies more effectively during that year and to begin intensive work in his chosen field. Fourteen credit hours in the major, including seminar, are required.

The courses required for or creditable toward each major are outlined. Each student will select 14 hours of credit, including two credit hours for Seminar, from one of the listed majors. Starred subjects (*) required.

ACCOUNTING MAJOR

| 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 MAJOR

| Courses | Cr. Hrs. | Prerequisites |
|-------------------------------------|----------|---|
| *Money and Banking 103 | 3 | |
| Security Market 174 | 3 | Economics 42 |
| *Investments 172 | 3 | { Money and Banking 103 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 Business Finance 171 |
| Finance Seminar 180 | 2 | |

ADVERTISING AND MARKETING MAJOR

| 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 | |

MANAGEMENT MAJOR

| 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 | Personnel Administration I. E. 154 |
| Management Seminar 170 | 2 | |

GENERAL BUSINESS MAJOR

| 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 | |

DESCRIPTION OF COURSES

- 124de. (32) INTERMEDIATE ACCOUNTING. Second semester. 3 credits. Prerequisite, Accounting 43.
- 125-126. (28) ENGINEERING ACCOUNTING. 3 credits each semester. For advanced engineering students.
127. (133) COST ACCOUNTING. First semester. 3 credits. Prerequisite, Accounting 43. 1937-38 and alternate years.
- 128e. (134) ADVANCED COST ACCOUNTING. Second semester. 3 credits. Prerequisite, Cost Accounting 127.
- 129de. (135) AUDITING. First semester. 3 credits. Prerequisite, Accounting 124. 1936-37 and alternate years.
- 130de. (136) ADVANCED ACCOUNTING. Second semester. 3 credits.
A problem course dealing with consolidations, investments, fixed assets, estate accounting, foreign exchange, goodwill, and insurance. Prerequisite, Accounting 124 or its equivalent.
- 131-132e. (137-138) SPECIALIZED ACCOUNTING PROBLEMS. 3 credits each semester.
A specialized problem course simplifying the work in Auditing (129) and Advanced Accounting (130). Problems deal with actuarial science, estates, farms, municipalities, public utilities, banks, building and loans, real estate, and other special fields of accounting. Prerequisite, Accounting 130. Open to Accounting Majors and by permission of the instructor.
- *133e. (139) INCOME TAX. 3 credits. Prerequisite, Accounting 124. Given in alternate years.
- *134e. ADVANCED INCOME TAX. 3 credits. Prerequisite, Accounting 133e.
- *135e. (141) ACCOUNTING SYSTEMS. 3 credits. Prerequisite, Accounting 130.
140. (146) ACCOUNTING SEMINAR. A year course. 2 credits.
- 141-142de. (17-18) BUSINESS LAW. 3 credits each semester.
- 144e. LAW OF CREDIT AND COLLECTIONS. Second semester. 2 credits.
This course is particularly adapted for credit men. After a brief survey of the principles of contract law, the course carefully considers the liability of adults, infants, partners, agents, corporations, et cetera; studies the statutory laws relative to negotiable instruments; examines liens; and finally considers judiciary proceedings.

*Given only when demand warrants.

- 146e. REAL ESTATE LAW. Second semester. 2 credits.
This course deals with such subjects as legal interest in property, contracts for the sale of land, conveyance of property, leases, easements, mortgages, and other real estate securities, obligations of landlords and tenants, foreclosures, wills, probate law, the settlement of estates, recording and registry acts, et cetera.
147. (157) STATISTICS. Either semester. 4 credits.
Prerequisite, Economics 42.
- *148. (158) ADVANCED STATISTICS. 3 credits.
Prerequisite, Statistics 145.
155. (153) TRANSPORTATION. First semester. 3 credits.
Prerequisite, Economics, 42.
156. (154) FOREIGN TRADE. Second semester. 3 credits.
Prerequisite, Economics 42.
- 157e. (155) RISK BEARING AND INSURANCE. First semester.
3 credits.
Prerequisite, Economics 42.
160. (150) GENERAL BUSINESS SEMINAR. A year course.
2 credits.
- 162de. BUSINESS MANAGEMENT. Second semester. 3 credits.
Prerequisite, Business Administration 61.
- *164. PERSONNEL MANAGEMENT. 3 credits.
Prerequisite, Business Administration 61.
- 168ds. BUSINESS POLICY. Second semester. 3 credits.
Required of all Commerce seniors.
170. MANAGEMENT SEMINAR. A year course. 2 credits.
- 171de. BUSINESS FINANCE. First semester. 3 credits.
Prerequisite, Money and Banking, 103.
- 172de. INVESTMENTS. Second semester. 3 credits.
Prerequisite, Business Finance, 171.
174. SECURITY MARKETS. Second semester. 3 credits.
Prerequisite, Business Finance 171.
- *176. BANKING PRACTICE AND MANAGEMENT. 3 credits.
Prerequisite, Money and Banking 103.
178. PROBLEMS IN FINANCE. Second semester. 3 credits.
Prerequisite, Business Finance, 171.
180. FINANCE SEMINAR. A year course. 2 credits.

*Given only when demand warrants.

- 183de. (181) **MARKETING**. First semester. 3 credits.
Open to Juniors. Prerequisite, Economics 42.
- 184de. **PROBLEMS OF THE CONSUMER**. Second semester. 3 credits.
After a brief survey of personal finance and budgets, this course examines 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.
185. (92) **PRINCIPLES OF ADVERTISING**. First semester. 3 credits.
- 186e. **ADVANCED ADVERTISING**. Second semester. 3 credits.
A course covering layout and copy technique, agency organization and practice, and advertising campaigns. Prerequisite, Advertising 185.
- *189. (95) **PURCHASING**. 2 credits.
190. (184) **SALES ADMINISTRATION**. Second semester. 3 credits.
Prerequisite, Marketing 183.
- 192e. (186) **RETAILING**. Second semester. 3 credits.
Prerequisite, junior standing or consent of instructor.
- *194e. (190) **PROBLEMS IN MARKETING**. Second semester.
3 credits.
Prerequisite, Marketing 183. Given in alternate years.
- *196e. (188) **MARKET ANALYSIS**. Second semester. 3 credits.
Prerequisite, Sales Administration 190, or equivalent.
198. **ADVERTISING AND MARKETING SEMINAR**. A year course.
2 credits.

ECONOMICS

PROFESSOR ANTHONY, ASSISTANT PROFESSOR O'HARA

Students emphasizing Economics in their field of concentration (formerly known as economics majors) are expected to take 24 hours of work in the field of Economics. The courses included in this 24-hour requirement are determined on the basis of the interests and needs of the student. In special cases either more or less than the 24 hours may be required.

The following courses count toward the 24-hour requirement. These courses all have Economics 41 and 42 (offered in the General College) as a prerequisite. However, the department head may permit this prerequisite to be taken collaterally with them. The last six courses listed—Statistics to Marketing inclusive—are given by the Commerce Department.

- 103de. (3) **MONEY AND BANKING**. First semester. 3 credits.
104. **MONETARY AND BANKING POLICY**. Second semester. 3 credits.
Public responsibility for monetary policy; problems of the monetary standard; international cooperation a necessity. Money in relation

*Given only when demand warrants.

to control of price levels. Reserve and credit policies; control of speculation; discount rates and open market policies as controls of inflation. Review of recent American and European financial policies and practices.

105ds. (4) ECONOMIC HISTORY. First semester. 3 credits.

106. (6) LABOR PROBLEMS. Second semester. 3 credits.

108de. (8) PUBLIC FINANCE. Second semester. 3 credits.

193. ECONOMIC CYCLES. First semester. 2 credits.

Seasonal and cyclical variations and secular trends in economic activity; history of major American cycles; theories of causation. Proposals for control and prevention.

195. (101) ECONOMIC THEORY. First semester. 3 credits.
1936-37 and alternate years.

196. DEVELOPMENT OF ECONOMIC THOUGHT. Second semester.
3 credits.

A study of early Mercantilism and early classical Economics; the Austrian school of Economics, neo-classical Economics, and present trends in economic thought. 1937-38 and alternate years.

147. (157) STATISTICS. Either semester. 4 credits.

155. (153) TRANSPORTATION. First semester. 3 credits.

156. (154) FOREIGN TRADE. Second semester. 3 credits.

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

*172. INVESTMENTS. Second semester. 3 credits.
Prerequisite, 151.

*183. (181) MARKETING. First semester. 3 credits.

HISTORY

ASSOCIATE PROFESSOR GARDNER, ASSISTANT PROFESSOR SAPPINGTON,
DR. BEDDIE

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. (17) ORIENTAL AND GRECIAN CIVILIZATION. First semester.
3 credits.

112. (18) ROMAN CIVILIZATION. Second semester. 3 credits.

117. (3) EARLY MEDIEVAL CIVILIZATION. First semester.
3 credits.

1936-37 and alternate years.

*See Commerce. The course in Business Policy 168, also offered by the Commerce Department, is recommended, but may not count on the 24-hour requirement.

118. (4-5) LATER MEDIEVAL CIVILIZATION. Second semester.
3 credits.
1936-37 and alternate years.
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. (7) EUROPE 1870-1914. First semester. 3 credits.
1936-37 and alternate years.
146. (8) RECENT EUROPE. Second semester. 3 credits.
151. (9) ENGLISH HISTORY. First semester. 3 credits.
1937-38 and alternate years.
152. (10) ENGLISH HISTORY. Second semester. 3 credits.
1937-38 and alternate years.
- 221de. (293-294) AMERICAN COLONIAL HISTORY. First semester.
3 credits.
1936-37 and alternate years.
- 222de. FOUNDATIONS OF AMERICAN NATIONALITY. Second semester. 3 credits.
Using a project method, an intensive study will be made of such problems as the revolt of the colonies, the Confederation and the Constitutional Convention, socio-economic conditions in the early nineteenth century, Jeffersonian and Jacksonian democracy, and the rise of the "new nationalism." 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.

241de. (121) HISTORIOGRAPHY. First semester. 3 credits.

A general survey of the apparatus of historical research with a review of the analytical and synthetic operations involved in the use of historical materials; a review of the lives and works of the most representative historians of the past and present; and a study of the various historical theories and philosophies. At the end of the semester each student must present a thesis demonstrating use of the historical tools in the library and exemplifying correct mechanical form.

242de. (6) FRENCH REVOLUTION. Second semester. 3 credits.

HOME ECONOMICS

PROFESSOR MAXWELL, ASSISTANT PROFESSOR LATHROP

See pages 43 and 57 for required work in the General College for students making Home Economics their major, or field of concentration.

Home Economics in the General College and the Upper College attempts to serve three purposes:

1. To provide education in home making for women whose interest, either immediate or remote, is the administration of the home. The course is designed to give students the basic principles of natural and social sciences which will enable them to analyze, appraise, and organize home-making practices in an intellectual and orderly manner.

2. To offer to both men and women a course of study in which relevant material from the natural and social sciences is focused upon the problems of home and family life.

3. To provide training for professional fields to which home-making education is basically related. The application of such knowledge is at present broad. Teaching, commercial work, institutional management, dietetics, and social work all require services of trained home economists.

Following are the Upper College plans of study for the three different courses in Home Economics: Foods and Nutrition, Textiles and Clothing, and General Home Economics.

FOODS AND NUTRITION

THIRD YEAR

| | Cr. Hrs. | | Cr. Hrs. |
|------------------------|----------|------------------------|----------|
| Nutrition 119 | 3 | Nutrition 120 | 3 |
| Foreign Language | 3 or 4 | Foreign Language | 3 or 4 |
| Total | 6 or 7 | Total | 6 or 7 |

FOURTH YEAR

| | | | |
|--------------------------|----|-------------------------------------|----|
| Advanced Foods 115 | 4 | Advanced Foods 116 | 4 |
| Child Care 125 | 3 | Economic Problems of the Family 126 | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Total | 10 | Total | 10 |

In addition, sufficient from the following to complete 128 hours: Economics 41-42, 6 credits; Labor Problems, 3 credits; Economic History, 3 credits; Physiology, 6 credits; Sociology 41-42, 6 credits; Sanitation, 6 credits; Bacteriology, 8 credits.

TEXTILES AND CLOTHING

THIRD YEAR

| | Cr. Hrs. | | Cr. Hrs. |
|-----------------------------|----------|--|----------|
| Advanced Clothing 105 | 3 | Advanced Clothing 106 | 3 |
| Economics 41 | 3 | Economics 42 | 3 |
| Historic Costume | 3 | Selection of House Furnishings 118 | 3 |
| Art 21 | 2 | Art 22 | 2 |
| | | Problems of the Consumer 184 | 2 |
| | | | |
| Total | 11 | Total | 13 |

FOURTH YEAR

| | | | |
|-----------------------------|----|---|----|
| Child Care 125 | 3 | Economic Problems of the Family 126 | 3 |
| Advanced Textiles 107 | 3 | Advanced Textiles 108 | 3 |
| Economic History | 3 | Labor Problems | 3 |
| History of Art | 3 | History of Art | 3 |
| | | | |
| Total | 12 | Total | 12 |

In addition, sufficient from the following to complete 128 hours: Selling and Advertising 83, 3 credits; Sociology, 6 credits; English History, 6 credits; French Revolution, 3 credits.

GENERAL COURSE

THIRD YEAR

| | Cr. Hrs. | | Cr. Hrs. |
|------------------------|----------|------------------------|----------|
| Nutrition 119 | 3 | Nutrition 120 | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| | | | |
| Total | 6 | Total | 6 |

FOURTH YEAR

| | | | |
|----------------------|---|---|---|
| Child Care 125 | 3 | Economic Problems of the Family 126 | 3 |
| Child Welfare | 3 | Selection of House Furnishings 118 | 3 |
| | | Problems of the Consumer 184 | 3 |
| | | | |
| Total | 6 | Total | 9 |

In addition, sufficient from the following to complete 128 hours: Sociology 41-42, 6 credits; Economics 41-42, 6 credits; Sociology 113-114, 6 credits; Economic History, 3 credits; Labor Problems, 3 credits; English History, 6 credits; Statistics, 4 credits; French Revolution, 3 credits; Political Science, 6 credits.

COURSES IN UPPER COLLEGE

- 105-106. (5-6) ADVANCED CLOTHING. 3 credits each semester.
- 107-108. (7-8) ADVANCED TEXTILES. 3 credits each semester.
- 115-116. (15-16) ADVANCED FOODS. 4 credits each semester.
Prerequisite, 45-46.
- 1937-38 and alternate years. Fee, \$4.00 each semester.
117. (10) 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.
- 118ds. (18) SELECTION OF HOUSE FURNISHINGS. Second semester. 3 credits.
An analysis of factors influencing the choice of home furnishings in relation to quality, design, and cost.

- 119-120de. (19-20) NUTRITION. 3 credits each semester. 1937-38 and alternate years.
125. (25) CHILD CARE. First semester. 3 credits. 1936-37 and alternate years.
126. (26) ECONOMIC PROBLEMS OF THE FAMILY. Second semester. 3 credits. No prerequisite. 1936-37 and alternate years.
151. (12) HOME ECONOMICS EDUCATION. 2 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. Given when required by five or more students.

POLITICAL SCIENCE

PROFESSOR CRECRAFT, ASSISTANT PROFESSOR SHERMAN, MR. KING

Prerequisites: Students emphasizing Political Science in their field of concentration must have credit in the General College for American National Government 41, and either American State and Local Government 42 or Comparative Government 43.

101. (5) MUNICIPAL GOVERNMENT. First semester. 3 credits.
102. (6) MUNICIPAL ADMINISTRATION. Second semester. 3 credits.
- 103ds. (7) POLITICAL PARTIES. First semester. 3 credits.
104. (21) POLITICAL THEORY. Second semester. 3 credits.
105. (19) CONSTITUTIONAL LAW. First semester. 3 credits.
- 106de. (22) MUNICIPAL CORPORATIONS. Second semester. 3 credits.
107. (24) MUNICIPAL FINANCE. First semester. 3 credits. Not given 1936-37.
- 108ds. (10) PARLIAMENTARY AND LEGISLATIVE PROCEDURE. Second semester. 3 credits.
109. (13) GOVERNMENT AND SOCIAL WELFARE. First semester. 3 credits.
110. (20) GOVERNMENT AND BUSINESS. Second semester. 3 credits.
111. (25) INTERNATIONAL RELATIONS. First semester. 3 credits.
112. (26) INTERNATIONAL LAW. Second semester. 3 credits.
113. (127) SEMINAR. First semester. 3 credits.
114. (14) PUBLIC ADMINISTRATION. Second semester. 3 credits.

SECRETARIAL SCIENCE

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

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 (see page 59); 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, 193, 196; 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 |

COURSES IN THE UPPER COLLEGE

133. (13) BUSINESS CORRESPONDENCE. Either semester. 3 credits.
Prerequisite, English 2.

143-144. (23-24, 33-34) INTERMEDIATE DICTATION. 4 credits each
semester.

Prerequisite, 42 and 52 or equivalent.

165-166. (25-26) ADVANCED DICTATION. 4 credits each semester.
Prerequisite, 144 (or 63-64 and 73-74 with only 8 hours credit allowed) or equivalent.

186e. ADVANCED DICTATION. Second semester. 2 credits.
Prerequisite, 85 or equivalent.

187-188e. ADVANCED DICTATION. 3 credits each semester.
Prerequisite, 186 or equivalent.

193. OFFICE PRACTICE. First semester. 3 credits.
Practice in various types of office work, general secretarial duties, use of dictating and transcribing machines, and office appliances.
Prerequisites, 26, 42, and 52. Not offered in 1936-37.

196. OFFICE ORGANIZATION AND MANAGEMENT. Second semester.
3 credits.
Prerequisites, 21, 26, and Commerce 61.

The following four-year program is suggested to students specializing in this field:

FIRST YEAR

| First Semester | | Cr. | Hrs. | Second Semester | | Cr. | Hrs. |
|----------------------------------|-------|-----|------|----------------------------------|-------|-----|------|
| Secretarial Theory 21 | ..... | 3 | | Office Methods 26 | ..... | 3 | |
| Freshman English 1 | ..... | 3 | | Freshman English 2 | ..... | 3 | |
| Hygiene and Physical Education 3 | .. | 3 | | Hygiene and Physical Education 4 | .. | 3 | |
| Intro. to Social Science 5 | ..... | 3 | | Intro. to Social Science 6 | ..... | 3 | |
| Intro. to Humanities 7 (or | | | | Intro. to Humanities 8 (or | | | |
| Intro. to Natural Science 9) | ..... | 3 | | Intro. to Natural Science 10) | ..... | 3 | |
| Military Training (Men) | ..... | 1 | | Military Training (Men) | ..... | 1 | |

SECOND YEAR

| First Semester | | Cr. | Hrs. | Second Semester | | Cr. | Hrs. |
|-----------------------------|-------|--------|------|------------------------------|-------|--------|------|
| Intro. to Natural Science 9 | | | | Intro. to Natural Science 10 | | | |
| (or Intro. to Humanities 7) | .... | 3 | | (or Intro. to Humanities 8) | .... | 3 | |
| Shorthand Theory 41 | ..... | 3 | | Shorthand Theory 42 | ..... | 3 | |
| Typewriting 51 | ..... | 2 | | Typewriting 52 | ..... | 2 | |
| Accounting 41 or 21 | ..... | 3 | | Accounting 42 or 22 | ..... | 3 | |
| Military Training (Men) | ..... | 1 | | Military Training (Men) | ..... | 1 | |
| Electives | ..... | 4 or 6 | | Electives | ..... | 4 or 6 | |

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 | | Electives | ..... | 6 | |
| Electives | ..... | 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 | | | |
| Electives | ..... | 9 | | 196 | ..... | 3 | |
| | | | | Electives | ..... | 9 | |

SOCIOLOGY

PROFESSOR DEGRAFF, MISS RUFF, MR. KRUSE

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 for students in this field of concentration.

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 in either field.

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

COURSES OFFERED 1936-37

205de. (105) THE SOCIOLOGY OF LEISURE TIME. First semester.
3 credits.

1936-37 and alternate years.

207. (107) SOCIAL THEORY. First semester. 2 credits.

1936-37 and alternate years.

109-110. (9-10) SEMINAR AND THESIS. 2 credits each semester.
For seniors only. Required.

251-252e. TECHNIQUE OF SOCIAL CASE WORK. 2 credits.

The practical technique for the worker in the field; interviewing, diagnosis, planning and treatment by analysis in various types of case histories.

111-112. (109-110) FIELD WORK. 3 credits for 150 hours of work.
For seniors only.

221e. THEORY OF SOCIAL WORK. First semester. 3 credits.
For seniors; others by special arrangement. A study of the economic, religious, political and social backgrounds of social work with reference to relief, case work and welfare work. 1936-37 and alternate years.

112. (12) CRIMINOLOGY. Second semester. 3 credits.
1936-37 and alternate years.

208e. (8e) SOCIAL ORIGINS. Second semester. 2 credits.
1936-37 and alternate years.

210e. POPULATION MOVEMENTS. Second semester. 3 credits.
A study of the shifts of population; rural to urban; urban to rural; shifts within the country and within the city; nationalities and races affected. Based upon sociological significance. 1936-37 and alternate years.

COURSES OFFERED 1937-38

213ds. (113) THE JUVENILE DELINQUENT. First semester.
3 credits.
1937-38 and alternate years.

113. (13) URBAN-RURAL SOCIOLOGY. First semester. 2 credits.
1937-38 and alternate years.

45e. (5e) SOCIAL ANTHROPOLOGY. First semester. 3 credits.
1937-38 and alternate years.

117e. (7) CHILD WELFARE. First semester. 3 credits.
1937-38 and alternate years.

217e. 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. (4) THE FAMILY. Second semester. 3 credits.
1937-38 and alternate years.

104e. LEADERSHIP. Second semester. 2 credits.
1937-38 and alternate years.

206e. (3) COMMUNITY ORGANIZATION. Second semester.
3 credits.
1937-38 and alternate years.

THE NATURAL SCIENCE DIVISION
DEPARTMENTS OF INSTRUCTION
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 medical school must take the Pre-Medic course, which includes 32 credits of certain biological courses, as outlined on page 91.

The student concentrating in the biological field must include General Zoology and General Botany in the General College. Either can be taken in the freshman year, the other in the sophomore year.

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

The course in 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.

Work in other departments in the Science Division required of those making Biology their field of concentration, includes 16 credits of Chemistry and 8 credits of Mathematics. A year of General Physics is recommended.

GENERAL FINAL EXAMINATION

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

COURSES IN THE UPPER COLLEGE

103-104. (21-22) SANITATION. 3 credits each semester.
Prerequisite, 61-62 or 51-52.

107-108de. (19-20) BACTERIOLOGY. 4 credits each semester.
Prerequisite, 61-62 or 51-52. Some knowledge of Chemistry is essential. Laboratory fee, \$7.50 per semester; breakage fee, \$5.00 per semester.

113-114. (33-34) 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. (137-138) PLANT PHYSIOLOGY. 4 credits each semester. Prerequisite, 51-52 and knowledge of General Chemistry and preferably also Organic Chemistry. Fee, \$6.00 per semester. 1937-38 and alternate years.

218. (138) PLANT ANATOMY. Second semester. 4 credits. Prerequisite, 51-52. Not given in 1936-37. Laboratory fee, \$4.00.

135-136. (9-10) HUMAN PHYSIOLOGY. 3 credits each semester. This course deals principally with the physiology of the human being and meets the requirement for physiology in the Home Economics course, but will also be open to Biology majors. 1937-38 and alternate years. Two class periods and one lab. period per week. Laboratory fee, \$4.00 per semester.

235-236. (7-8) GENERAL PHYSIOLOGY. 3 credits each semester. This course deals with general principles of animal physiology. For Pre-Medic students. Prerequisite, General Zoology 61-62, General Chemistry, and Organic Chemistry. 1936-37 and alternate years. Two class periods and one 3-hour lab. per week. Laboratory fee, \$4.00 per semester.

144. (6) GENERAL ENTOMOLOGY. Second semester. 4 credits. Prerequisite, 61-62. 1937-38 and alternate years. Laboratory fee, \$4.00.

146. (5) GENERAL GENETICS. Second semester. 3 credits. This course deals with general principles illustrated by many types of plants and animals. For Biology majors. 1937-38 and alternate years. Fee, \$1.00.

148. HUMAN GENETICS. Second semester. 2 credits. This course deals with general principles of heredity illustrated by cases of human inheritance. For Pre-Medic students. 1936-37 and alternate years. 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. (3) VERTEBRATE ANATOMY. First semester. 4 credits. Prerequisites, 61-62. Laboratory fee, \$10.00. Required of Pre-Medical students.

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

265. (117) BIOLOGY SEMINAR. First semester. 3 credits.
Required of all Biology Major seniors; not required of Pre-Medic students.

267-268. (123-124) BIOLOGICAL PROBLEMS. 1 or more credits each semester.

Two continuous semesters are advisable. Open to seniors. Laboratory fee, \$2.00 per credit.

PRE-MEDIC COURSE

Note: The requirements in the first and second years of this course are given under the General College. See page 43.

JUNIOR YEAR

| Cr. Hrs. | | Cr. Hrs. | |
|--------------------------|----|-----------------------------|----|
| Vertebrate Anatomy | 4 | Vertebrate Embryology | 4 |
| Organic Chemistry | 4 | Elective | 3 |
| Physics | 4 | Physics | 4 |
| German (1st year) | 4 | German (1st year) | 4 |
| | 16 | | 15 |

SENIOR YEAR

| Cr. Hrs. | | Cr. Hrs. | |
|-----------------------------|----|-----------------------------|----|
| Physiology, General | 3 | Physiology, General | 3 |
| Bacteriology | 4 | Bacteriology | 4 |
| Physics (Light) | 4 | Human Genetics | 2 |
| Quantitative Analysis | 4 | Quantitative Analysis | 4 |
| German (2nd year) | 3 | German (2nd year) | 3 |
| | 18 | | 16 |

Due to the fact that General Physiology and Human Genetics are given only in alternate years, these courses may need to be taken in the junior instead of senior year, in which case Vertebrate Anatomy and Embryology are taken in the senior instead of in the junior year.

CHEMISTRY

PROFESSOR COOK, ASSOCIATE PROFESSOR SCHAEFER, ASSISTANT PROFESSORS CRAMER, COOL, AND HAAS, MR. ANDERSON;

FELLOWS IN RUBBER CHEMISTRY: MR. SJOTHUN (FIRESTONE) AND MR. SPERBERG (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, 8 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 21-22 | 8 | | Advanced Physics 43-44 | 8 | |
| Intermediate Organic 107 | 4 | | Physical Chemistry 213-214 | 10 | |
| Advanced Organic 208 | 4 | | Special Topics Organic 209 | 3 | |
| Quantitative Analysis 105-106 | 8 | | Industrial Chemistry | 2 | |
| Chemical Calculations 117 | 2 | | Scientific German | 4 | |
| German | 8 | | | | |

COURSES OFFERED 1936-37

- 105-106. (5-6) QUANTITATIVE ANALYSIS. 4 credits each semester.
Prerequisite, Chemistry 43-44. Laboratory fee, \$10.00 per semester.
- 7-8. ELEMENTARY ORGANIC CHEMISTRY. 4 credits each semester.
Prerequisite, 106. Laboratory fee, \$10.00 per semester. Discontinued after 1936-37.
117. (17) CHEMICAL CALCULATIONS. First semester. 2 credits.
Prerequisite, 106.
- 209-210. (109-110) ADVANCED ORGANIC CHEMISTRY. 3 credits each semester.
Prerequisite, 8. Laboratory fee, \$10.00 per semester.
- 131-132. (31-32) ENGINEERING CHEMISTRY. See Engineering.
- 133-134. (33-34) METALLURGY. See Engineering.
- 207-208. ORGANIC ANALYSIS, QUALITATIVE OR QUANTITATIVE.
2 credits each semester.
Prerequisite, 106-108. Laboratory fee, \$8.00 per semester.
- 213-214. (113-114) PHYSICAL CHEMISTRY. 5 credits each semester.
Prerequisites, 106 and 108 and Physics 21-22. Laboratory fee, \$8.00 per semester.
- 215-216. (115-116) CHEMISTRY OF RUBBER TECHNOLOGY.
4 credits each semester.
Prerequisite, 106-108. Laboratory fee, \$15.00 per semester.
- 303-304. (203-204) ADVANCED INORGANIC PREPARATIONS.
2 credits each semester.
Prerequisites, 108 and 214. Laboratory fee, \$8.00 per semester.
313. (213) CHEMICAL THERMODYNAMICS. First semester.
2 credits.
Prerequisite, 214 and Calculus.
314. (214) COLLOID CHEMISTRY. Second semester. 2 credits.
Prerequisites, 108 and 214.
- 315-316. RESEARCH. 3 credits each semester.
The fee varies according to the number of hours elected.

Courses 304-314 inclusive are offered only when demand warrants.

The following courses will be offered, beginning 1937-38:

107. INTERMEDIATE ORGANIC CHEMISTRY. First semester.
4 credits.
Lab. fee, \$10.00.
208. ADVANCED ORGANIC CHEMISTRY. Second semester. 4 credits.
Lab. fee, \$10.00.
209. SPECIAL TOPICS ORGANIC. First semester. 3 credits.
Lab. fee, \$10.00.

MATHEMATICS

PROFESSOR JONES, ASSISTANT PROFESSORS BENDER,
LIPSCOMBE, AND SELBY

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

Students emphasizing Mathematics in their field of concentration must take Mathematics 201-202, 203-204.

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

All students whose field of concentration is Mathematics must either take the course in Practical Mathematics, or pass a General Final Examination in Mathematics in the second semester of the senior year.

104. (18) 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. (15) MATHEMATICS OF INSURANCE. First semester.
3 credits.
Prerequisite, 58 or 59. 1936-37 and alternate years.
- 125-126. (13-14) ASTRONOMY. 2 credits each semester.
Prerequisite, 21-22 or 31-32. 1936-37 and alternate years.
- 201-202de. (101-102) ADVANCED CALCULUS. 2 credits each semester.
Prerequisite, 46 or 56. 1937-38 and alternate years.

203-204. (105-106) DIFFERENTIAL EQUATIONS. 2 credits each semester.

Prerequisite, 46 or 56. 1936-37 and alternate years.

205. (103) THEORY OF EQUATIONS. First semester. 3 credits.

Prerequisite, 46 or 56. 1936-37 and alternate years.

206. (104) HIGHER GEOMETRY. Second semester. 3 credits.

Prerequisite, 46 or 56. 1936-37 and alternate years.

207. (109) HIGHER ALGEBRA. First semester. 3 credits.

Prerequisite, 46 or 56. 1937-38 and alternate years.

PHYSICS

PROFESSOR HOUSEHOLDER, ASSISTANT PROFESSORS FOUTS AND GRAY

Students who have completed the work of the General College with a minimum of twelve hours in Physics and at least eight hours in Mathematics may elect Physics as their field of concentration. The General College work must include Physics 51, 52, 53, and Algebra and Trigonometry, but a more secure foundation will be obtained by electing Physics 21, 22, 43, 44, and the Calculus. Students electing the first alternative will be required to take the Calculus immediately upon entering the Upper College. Students desiring to include courses in the Engineering College in their field of concentration must elect the second alternative in the General College. For such students the Upper College work will be planned to prepare them to enter at once technical and industrial laboratories or even to carry on the cooperative plan. Also for students planning to continue their educational work in the graduate school, the second plan is recommended. In addition to the Physics and Mathematics courses mentioned, the student will be required to take two years of Chemistry and certain courses in Engineering. Those students electing the first alternative must take a minimum of two years of German instead of the Engineering work.

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. (109) APPLIED MECHANICS. First semester. 4 credits.

An advanced course emphasizing the engineering applications in Mechanics. Prerequisites, Physics 44, Calculus.

202. (110) THEORETICAL MECHANICS. Second semester.
3 credits.

A purely mathematical course in Mechanics, emphasizing the more advanced theory, generalized coordinates, and vector analysis.

Prerequisites, Physics 145 and Differential Equations.

203-204. (105-106) ADVANCED ELECTRICITY AND MAGNETISM.
4 credits each semester.

A mathematical treatment of the theory of Electricity and Magnetism, and measuring instruments.

Prerequisites, Physics 44 (or 22) and Calculus. Lab. fee, \$2.00 per semester

206. (108) PHYSICAL OPTICS. Second semester. 4 credits.

An advanced course in the theory of Light and other forms of radiation, with special emphasis on the newer developments in Physics.

Prerequisites, Physics 203, 204, and Calculus. Lab. fee, \$2.00 per semester.

207-208. (111-112) ATOMIC STRUCTURE. 3 credits each semester.

A careful review of the newer developments in the structure of the atom and the field of nuclear physics. Prerequisites, Physics 203, 204.

209-210. (113-114) ADVANCED PHYSICAL MEASUREMENTS.

2 credits each semester.

Redetermination of the more important physical constants, and an original problem. A thesis course. Lab. fee, \$4.00 per semester.

211-212. (115-116) THERMODYNAMICS. 3 credits each semester.

Not offered 1936-37.

221-222. COLLOQUIUM. 1 credit each semester.

A review of current magazines in the field, and research publications.

MILITARY SCIENCE AND TACTICS

RESERVE OFFICERS' TRAINING CORPS

MAJOR ROSSER L. HUNTER, INFANTRY, PROFESSOR; MAJOR ERNEST C. GODING, INFANTRY, ASSISTANT PROFESSOR; MAJOR ROBERT E. SWAB, INFANTRY, ASSISTANT PROFESSOR; 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 in-doors 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 twenty-four to thirty-six hour week in Akron together with the four-shift plan has made it both possible and desirable for students to work and attend college at the same time. Of course, their classroom load is adjusted correspondingly.

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. Sixty weeks of such experience, approved by the Co-ordination Department, is required for graduation, thirty weeks of which must be completed before beginning the last forty hours of academic work.

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.

ADMISSION

Students are admitted on the basis of high school certificate, honorable dismissal from other colleges or universities, or if over twenty-one years of age, as special students not in candidacy for a degree.

ENTRANCE REQUIREMENTS

The following supplements the statement of general entrance requirements on page 40.

The specific requirements for entrance to the College of Engineering are Algebra $1\frac{1}{2}$ units, Plane Geometry 1 unit. Solid Geometry is recommended but not required.

ESTIMATED EXPENSE OF FRESHMAN 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 |

OUTLINE OF REQUIRED GENERAL COLLEGE COURSES

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 (Mechanics) 21 | ..... | 4 | Physics (Mechanics) 22 | ..... | 4 |
| Mathematics (Trigonometry) 31 | .. } | 4½ | Mathematics (Algebra) 32 | ..... | 4½ |
| Mathematics (Algebra) 32 | ..... |  | Mathematics (Analytical Geometry) 33 | ..... |  |
| English Composition 21 | ..... | 3 | English Composition 22 | ..... | 3 |
| Engineering Drawing ME 21 | ..... | 2 | Engineering Drawing ME 22 | ..... | 2 |
| Surveying CE 21 | ..... | 1 | Surveying CE 22 | ..... | 1 |

SECOND YEAR

| FIRST SEMESTER | | Cr. Hrs. | SECOND SEMESTER | | Cr. Hrs. |
|---|---------|----------|---|---------|----------|
| Military Science and Tactics | ..... | 1 | Military Science and Tactics | ..... | 1 |
| Introduction to Social Science | 5 | 3 | Introduction to Social Science | 6 | 3 |
| Introduction to Humanities | 7 | 3 | Introduction to Humanities | 8 | 3 |
| Descriptive Geometry ME 41 | ..... | 1½ | Descriptive Geometry ME 42 | ..... | 1½ |
| Mathematics (Calculus) 53 | ..... | 3 | Mathematics (Calculus) 54 | ..... | 3 |
| Physics (Electricity and Heat) 43 | .. | 4 | Physics (Electricity, Light, and Sound) 44 | ..... | 4 |
| Shop Practice ME 49 or Plane Table Surveying CE 41 | ... } | 1 | Shop Practice ME 50 or Plane Table Surveying CE 42 | ... } | 1 |
| Personnel Problems IE 21 | ..... | 1 | Personnel Problems IE 22 | ..... | 1 |

CIVIL ENGINEERING

The following tabulation shows the changes in courses and credit hours made in shifting from a nine-week to an eighteen-week period.

| 1934-35 | | 1935-36 | | 1936-37 | |
|-------------------------------------|-----------|-------------------------------------|-----------|--------------------------------------|-----------|
| SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. |
| Surveying CE 1 | 1½ | Surveying CE 1 | 1 | Surveying CE 21 | 1 |
| Surveying CE 4 | 3 | Surveying CE 2 | 1 | Surveying CE 22 | 1 |
| Plane Table Surveying CE 7 | ¾ | Surveying CE 4 | 3 | Surveying CE 101 | 3 |
| Plane Table Surveying CE 8 | ¾ | Plane Table Surveying CE 7 | 1 | Plane Table Surveying CE 41 | 1 |
| Structural Drawing CE 10 | ¾ | Plane Table Surveying CE 8 | 1 | Plane Table Surveying CE 42 | 1 |
| Architectural Drawing CE 11 | 1 | Structural Drawing CE 10 | 2 | Structural Drawing CE 102 | 2 |
| Roofs and Bridges CE 12 | 3 | Roofs and Bridges CE 12 | 2 | Roofs and Bridges CE 103 | 2 |
| Roofs and Bridges CE 14 | 1 | Roofs and Bridges CE 14 | 2 | Roofs and Bridges CE 104 | 2 |
| Strength of Materials CE 16 | 3 | Strength of Materials CE 41 | 3 | Strength of Materials CE 105 | 3 |
| Materials Laboratory CE 18 | 1½ | Strength of Materials CE 42 | 3 | Strength of Materials CE 106 | 3 |
| Railroads CE 20 | 3 | Route Surveying CE 20 | 3 | Route Surveying CE 108 | 3 |
| Reinforced Concrete CE 1 | 1 | Concrete Laboratory CE 24 | 1 | Concrete Laboratory CE 112 | 1 |
| Concrete Laboratory CE 24 | 1 | Design of Concrete Structures CE 26 | 5 | Design of Concrete Structures CE 113 | 5 |
| Design of Concrete Structures CE 26 | 3½ | Design of Steel Structures CE 28 | 5 | Design of Steel Structures CE 114 | 5 |
| Design of Steel Structures CE 28 | 3½ | Highways and Airports CE 30 | 3 | Highways and Airports CE 107 | 3 |
| Highways and Airports CE 30 | 2½ | Engineering Geology CE 32 | 2 | Engineering Geology CE 110 | 2 |
| Engineering Geology CE 32 | 2½ | Sewerage CE 34 | 3 | Sewerage CE 116 | 3 |
| Sewerage CE 34 | 3 | Engineering Design CE 36 | 2 | Airplane Structures CE 117 | 2 |
| Engineering Design CE 36 | 1½ | Engineering Design CE 40 | 2 | Engineering Design CE 118 | 2 |
| Engineering Design CE 40 | 1½ | Water Supply CE 38 | 3 | Water Supply CE 115 | 3 |
| Water Supply CE 38 | 3 | | | | |

OUTLINE OF COURSES

| FIRST SEMESTER | | SECOND SEMESTER | |
|--------------------------------------|----------|------------------------------------|----------|
| | Cr. Hrs. | | Cr. Hrs. |
| Introduction to Natural Science 9 | 3 | Introduction to Natural Science 10 | 3 |
| Physics (Applied Mechanics) 145 | 3 | Strength of Materials CE 106 | 3 |
| Strength of Materials CE 105 | 3 | Route Surveying CE 108 | 3 |
| Chemistry 131 | 4 | Roofs and Bridges CE 104 | 2 |
| Surveying CE 101 | 3 | Hydraulics ME 184 | 3 |
| Roofs and Bridges CE 103 | 2 | Concrete Laboratory CE 112 | 1 |
| Highways and Airports CE 107 | 3 | Engineering Geology CE 110 | 2 |
| Airplane Structures CE 117 | 2 | Engineering Design CE 118 | 2 |
| Design of Concrete Structures CE 113 | 5 | Design of Steel Structures CE 114 | 5 |
| Water Supply CE 115 | 3 | Sewerage CE 116 | 3 |
| Electives | 9 | Electives | 13 |

The above courses comprise the subjects 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 total of 150 credit hours.

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

CIVIL ENGINEERING

PROFESSOR DURST, ASSOCIATE PROFESSOR BULGER

101. (4) SURVEYING. First semester. 3 credits.
Prerequisites, Surveying, 21 and 22. Laboratory fee \$2.00.
MR. DURST AND MR. BULGER
102. (10) STRUCTURAL DRAWING. Second semester. 2 credits.
An elective course. MR. GRIFFIN
- 103-104de. (12-14) ROOFS AND BRIDGES. 2 credits each semester.
MR. BULGER
- 105-106. (16-18) STRENGTH OF MATERIALS AND LABORATORY.
3 credits each semester.
Prerequisites, Physics and Calculus. Laboratory fee (106) \$2.00.
MR. BULGER
107. (30) HIGHWAYS AND AIRPORTS. First semester. 3 credits.
MR. DURST
108. (20) ROUTE SURVEYING. Second semester. 3 credits.
Prerequisite, Surveying, 101. Laboratory Fee \$2.00. MR. DURST
110. (32) ENGINEERING GEOLOGY. Second semester. 2 credits.
MR. DURST
112. (24) CONCRETE LABORATORY. Second semester. 1 credit.
Laboratory fee \$1.00. MR. DURST
113. (26) DESIGN OF CONCRETE STRUCTURES. First semester.
3 credits.
Prerequisite, Strength of Materials, 105 and 106. MR. BULGER
114. (28) DESIGN OF STEEL STRUCTURES. Second semester.
5 credits.
Prerequisite, Strength of Materials, 105 and 106 MR. BULGER
115. (38) WATER SUPPLY. First semester. 3 credits.
Prerequisite, Hydraulics, ME 184. MR. DURST
116. (34) SEWERAGE. Second semester. 3 credits.
Prerequisite, Hydraulics, ME 184. MR. DURST
117. (36) AIRPLANE STRUCTURES. First semester. 2 credits.
MR. BULGER
118. (40) ENGINEERING DESIGN. Second semester. 2 credits.
MR. BULGER

ELECTRICAL ENGINEERING

The following tabulation shows the changes in courses and credit hours made in shifting from a nine-week to an eighteen-week period.

| SUBJECT 1934-35 | *Cr. Hrs. | SUBJECT 1935-36 | *Cr. Hrs. | SUBJECT 1936-37 | *Cr. Hrs. |
|--|-----------|---|-----------|--|-----------|
| Direct Current Theory EE 5 | 3 | Direct Current Circuits and Equipment EE 15 ... | 5 | Direct Current Circuits and Equipment EE 129 .. | 5 |
| Advanced Direct Current Circuits EE 9 | 1 | | | | |
| Direct Current Laboratory EE 7 ... | 2 | Direct Current Laboratory EE 17 ... | 4 | Direct Current Laboratory EE 131 .. | 3 |
| Advanced Direct Current Labor- atory EE 10 | 1 | | | | |
| Alternating Current Theory EE 6 | 3 | Alternating Current Circuits and Equip- ment EE 16 | 5 | Alternating Current Circuits and Equip- ment EE 130 | 5 |
| Advanced Alternating Current Circuits and Equipment EE 12 ... | 2½ | | | | |
| Alternating Current Laboratory EE 8 | 2 | Alternating Current Laboratory EE 18 ... | 2 | Alternating Current Laboratory EE 132 .. | 3 |
| Advanced Electricity and Magnetism EE 11 | 2½ | Advanced Electricity and Magnetism EE 11 | 3 | Advanced Electricity and Magnetism EE 134 | 3 |
| Electrical Measure- ments Laboratory EE 13 | 3 | Electrical Measure- ments Laboratory EE 13 | 2 | Electrical Measure- ments Laboratory EE 136 | 2 |
| Advanced Alternating Current Circuits and Equipment EE 20 ... | 2½ | Advanced Alternating Current Circuits and Equipment EE 23 ... | 3 | Advanced Alternating Current Circuits and Equipment EE 139 .. | 3 |
| Advanced Alternating Current Laboratory EE 14 | 1 | Advanced Alternating Current Laboratory EE 25 | 4 | Advanced Alternating Current Laboratory EE 141 | 4 |
| Advanced Alternating Current Laboratory EE 22 | 2 | | | | |
| Electric Power and Transmission EE 41 | 1½ | Alternating Current Machinery and Power Transmission EE 42 | 3 | Alternating Current Machinery and Power Transmission EE 140 | 3 |
| Advanced Alternat- ing Current Circuits and Equipment EE 28 | 2½ | | | | |
| Special Electrical Engineering Prob- lems EE 61 | 3 | Special Electrical Engineering Prob- lems EE 64 | 4 | Special Electrical Engineering Prob- lems EE 142 | 4 |
| Special Electrical Engineering Prob- lems EE 62 | 2 | | | | |
| Radio Communication EE 45 | 2 | Radio Communication EE 45 | 4 | Radio Communication EE 137 | 4 |
| Direct Current Theory EE 5 | 3 | **Elements of Electrical Engineering EE 1 ... | 4 | **Elements of Elec- trical Engineering EE 125 | 4 |
| Direct Current Laboratory EE 7 | 2 | | | | |
| Alternating Current Theory EE 6 | 3 | **Elements of Electrical Engineering EE 2 ... | 4 | **Elements of Elec- trical Engineering EE 126 | 4 |
| Alternating Current Laboratory EE 8 ... | 2 | | | | |
| Industrial Electricity EE 31e | 3 | Industrial Electricity EE 31e | 3 | Industrial Electricity EE 21e | 4 |
| Industrial Electricity Laboratory EE 33e .. | 1½ | Industrial Electricity Laboratory EE 33e .. | 1 | | |
| Industrial Electricity EE 32e | 3 | Industrial Electricity EE 32e | 3 | Industrial Electricity EE 22e | 4 |
| Industrial Electricity Laboratory EE 34e .. | 1½ | Industrial Electricity Laboratory EE 34e .. | 1 | | |
| Theory and Demon- stration of Radio Equipment EE 51e .. | (2) | Principles of Radio EE 53e | 2 | Principles of Radio EE 53e | 2 |
| Theory and Demon- stration of Radio Equipment EE 52e .. | (2) | Principles of Radio EE 54e | 2 | Principles of Radio EE 54e | 2 |

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

** For non-electrical students.

OUTLINE OF COURSES

| FIRST SEMESTER | | Cr. Hrs. | SECOND SEMESTER | | Cr. Hrs. |
|--|--|----------|---|--|----------|
| Introduction to Natural Sciences 9 .. | | 3 | Introduction to Natural Sciences 10 | | 3 |
| Direct Current Circuits and Equipment EE 129 | | 5 | Alternating Current Circuits and Equipment EE 130 | | 5 |
| Direct Current Laboratory EE 131 .. | | 3 | Alternating Current Laboratory EE 132 | | 3 |
| Engineering Chemistry 131 | | 4 | Advanced Electricity and Magnetism EE 134 | | 3 |
| Physics (Applied Mechanics) 145 .. | | 3 | Electrical Measurements Laboratory EE 136 | | 2 |
| Strength of Materials CE 105 | | 3 | Machine Drawing ME 176 | | 2 |
| Advanced Alternating Current Circuits and Equipment EE 139 | | 3 | Engineering Chemistry 132 | | 4 |
| Advanced Alternating Currents Laboratory EE 141 | | 4 | Strength of Materials CE 106 | | 3 |
| Radio Communication EE 137 | | 4 | Alternating Current Machinery and Power Transmission EE 140 | | 3 |
| Electives | | 8 | Special Electrical Engineering Problems EE 142 | | 4 |
| | | | Hydraulics ME 184 | | 3 |
| | | | Heat Power Engineering ME 188 .. | | 3 |
| | | | Electives | | 2 |

The above courses comprise the subjects 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 total of 150 credit hours.

ELECTRICAL ENGINEERING

PROFESSOR WALTHER, ASSISTANT PROFESSOR SMITH

125-126. (1-2) ELEMENTS OF ELECTRICAL ENGINEERING.

4 credits each semester.

Two recitations, one three-hour laboratory, and one three-hour computing period.

Prerequisite, Physics 43. Laboratory fee \$2.00.

MR. SMITH

129. (15) DIRECT CURRENT CIRCUITS AND EQUIPMENT. First semester. 5 credits.

Four recitations and one three-hour computing period. Prerequisite, Physics 43. Concurrent with 131.

MR. WALTHER

130. (16) ALTERNATING CURRENT CIRCUITS AND EQUIPMENT. Second semester. 5 credits.

Four recitations and one three-hour computing period. Prerequisite, Direct Current Circuits and Equipment EE 129. Concurrent with 132.

MR. WALTHER

131. (17) DIRECT CURRENT LABORATORY. First semester. 3 credits.

Two three-hour laboratory periods. Concurrent with 129. Laboratory fee \$3.00.

MR. SMITH

132. (18) ALTERNATING CURRENT LABORATORY. Second semester. 3 credits.

Two three-hour laboratory periods. Concurrent with 130. Laboratory fee \$3.00.

MR. SMITH

134. (11) ADVANCED ELECTRICITY AND MAGNETISM. Second semester. 3 credits.
Prerequisite, Direct Current Circuits and Equipment 129.
MR. WALTHER
136. (13) ELECTRICAL MEASUREMENTS LABORATORY. Second semester. 2 credits.
Prerequisite, Direct Current Laboratory 131. Laboratory fee \$2.00.
MR. SMITH
137. (45) RADIO COMMUNICATION. First semester. 4 credits. Two recitations, one four-hour laboratory period. Prerequisite, Alternating Current Circuits and Equipment 130. Laboratory fee \$3.00.
MR. SMITH
139. (23) ADVANCED ALTERNATING CURRENT CIRCUITS AND EQUIPMENT. First semester. 3 credits.
Prerequisite, Alternating Current Circuits and Equipment 130. Concurrent with 141.
MR. WALTHER
140. (42) ALTERNATING CURRENT MACHINERY AND POWER TRANSMISSION. Second semester. 3 credits.
Prerequisite, Advanced Alternating Current Circuits and Equipment 139. Concurrent with 142.
MR. WALTHER
141. (25) ADVANCED ALTERNATING CURRENT LABORATORY. First semester. 4 credits.
Prerequisite, Alternating Current Laboratory 132. Concurrent with 139. Laboratory fee \$4.00.
MR. WALTHER
142. (64) SPECIAL ELECTRICAL ENGINEERING PROBLEMS. Second semester. 4 credits.
Prerequisite, Advanced Alternating Current Laboratory 141. Concurrent with 140. Laboratory fee \$4.00.
MR. WALTHER
- 21e-22e. (31 to 34) INDUSTRIAL ELECTRICITY. 4 credits each semester.
Includes one two-hour laboratory period. Prerequisite, High School Algebra. Laboratory fee \$1.50.
MR. WALTHER AND MR. SMITH
- 53e-54e. PRINCIPLES OF RADIO. 2 credits each semester.
Prerequisite, Industrial Electricity 22.
MR. SMITH

INDUSTRIAL ENGINEERING

The following tabulation shows the changes in courses and credit hours made in shifting from a nine-week to an eighteen week period.

| 1934-35 | | 1935-36 | | 1936-37 | |
|--|-----------|--|-----------|---|-----------|
| SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. |
| Production Methods IE 1 | 3 | Production Methods (Pattern Shop, Foundry, Machine Shop) IE 7 | 3 | Production Methods (Pattern Shop, Foundry and Machine Shop) IE 152 | 3 |
| Industrial Engineering IE 2 | 3 | Industrial Engineering IE 2 | 3 | Industrial Engineering IE 151 | 3 |
| Production Methods IE 3 | 1½ | Production Methods (Rubber) IE 6 | 2 | Rubber Production Methods IE 150 | 3 |
| Personnel Relations IE 4 | 1½ | Personnel Administra- tions IE 8 | 3 | Personnel Administra- tions IE 154 | 3 |
| Industrial Management Problems IE 5 | 1½ | Industrial Management Problems IE 9 | 3 | Industrial Management Problems IE 156 | 3 |
| Human Engineering IE 6 | 1½ | Human Engineering IE 3 | 3 | Human Engineering IE 153 | 3 |
| Industrial Engineering Seminar IE 7 | 1 | Seminar IE 10 | 2 | Seminar IE 158 | 2 |
| Human Relationships IE 11 | 1 | Personnel Problems IE 1 | 1 | (Rubber Production Problems) Personnel Problems IE 21 | 1 |
| | | Industrial Production Problems IE 4 | 3 | Personnel Problems IE 22 | 1 |
| | | Time and Motion Study IE 5 | 1 | Industrial Production Problems IE 155 | 3 |
| | | | | Time Motion Study IE 157 | 1 |

OUTLINE OF COURSES

| FIRST SEMESTER | Cr. Hrs. | SECOND SEMESTER | Cr. Hrs. |
|---|----------|---|----------|
| Introduction to Natural Sciences 9 .. | 3 | Introduction to Natural Sciences 10 | 3 |
| Engineering Chemistry 131 | 4 | Strength of Materials CE 106 | 3 |
| Industrial Engineering IE 151 | 3 | Rubber Production Methods IE 150 | 3 |
| Human Engineering IE 153 | 3 | Machine Drawing ME 176 | 2 |
| Physics (Applied Mechanics) 145 .. | 3 | Production Methods (Foundry Machine Shop) IE 152 | 3 |
| Strength of Materials CE 105 | 3 | Personnel Administration IE 154 .. | 3 |
| Mechanism and Mechanism Drawing ME 177 | 4 | Industrial Management Problems IE 156 | 3 |
| Industrial Production Problems IE 155 | 3 | Engineering Accounting 126 | 3 |
| Time and Motion Study IE 157 | 1 | Seminar (Rubber Production Problems) IE 158 | 2 |
| Engineering Accounting 125 | 3 | Electives | 15 |
| Electives | 10 | | |

The above courses comprise the subjects 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 total of 150 credit hours.

INDUSTRIAL ENGINEERING

PROFESSOR ADENDORFF

150. (3) RUBBER PRODUCTION METHODS. Second semester.
3 credits.

A study of the types of machines and equipment employed in modern rubber production processes. MR. ADENDORFF

151. (2) INDUSTRIAL ENGINEERING. Second semester. 3 credits.
MR. ADENDORFF

152. (1) PRODUCTION METHODS. (PATTERN SHOP, FOUNDRY,
AND MACHINE SHOP.) Second semester. 3 credits.

MR. ADENDORFF

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

153. (6) HUMAN ENGINEERING. First semester. 3 credits.
MR. ADENDORFF
154. (4) PERSONNEL ADMINISTRATION. Second semester.
3 credits.
155. INDUSTRIAL PRODUCTION PROBLEMS. First semester. 3 credits.
A study of production problems from the time the raw material enters the plant to the time the finished product is shipped.
MR. ADENDORFF
156. (5) INDUSTRIAL MANAGEMENT PROBLEMS. Second semester.
3 credits.
MR. ADENDORFF
157. TIME MOTION STUDY. First semester. 1 credit.
Time and motion studies are made to determine standard time in which a given job can be done.
MR. ADENDORFF
158. (7) SEMINAR. Second semester. 2 credits.
A discussion of the latest developments in rubber production methods.
MR. ADENDORFF

MECHANICAL ENGINEERING

The following tabulation shows the changes in courses and credit hours made in shifting from a nine-week to an eighteen-week period.

| 1934-35 | | 1935-36 | | 1936-37 | |
|---|-----------|---|-----------|--|-----------|
| SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. |
| Engineering Drawing ME 3 | 2 | Engineering Drawing ME 3 | 2 | Engineering Drawing ME 21 | 2 |
| Engineering Drawing ME 4 | 2 | Engineering Drawing ME 4 | 2 | Engineering Drawing ME 22 | 2 |
| Descriptive Geometry ME 8 | 2½ | Descriptive Geometry ME 8 | 3 | Descriptive Geometry ME 41 | 1½ |
| Descriptive Geometry ME 9 | 1 | Descriptive Geometry ME 9 | 1 | Descriptive Geometry ME 42 | 1½ |
| Machine Drawing ME 14 | 2 | Machine Drawing ME 14 | 2 | Machine Drawing ME 176 | 2 |
| Elementary Power Plants ME 21 | 2½ | **Heat Power Engineering ME 42 | 3 | **Heat Power Engineering ME 188 | 3 |
| Mechanical Engineering Laboratory ME 24 | 1 | Mechanical Engineering Laboratory ME 26 | 2 | Mechanical Engineering Laboratory ME 182 | 2 |
| Mechanical Engineering Laboratory ME 61 | 2 | Mechanical Engineering Laboratory ME 27 | 2 | Mechanical Engineering Laboratory ME 183 | 2 |
| Mechanical Engineering Laboratory ME 62 | 1 | | | | |
| Mechanism ME 31 | 2½ | Mechanism and Mechanism Drawing ME 35 | 4 | Mechanism and Mechanism Drawing ME 177 | 4 |
| Mechanism Drawing ME 32 | 1 | Gas and Oil Engines ME 38 | 3 | Gas and Oil Engines ME 190 | 3 |
| Gas and Oil Engines ME 38 | 2½ | Steam Power Plants ME 45 | 3 | Steam Power Plants ME 185 | 3 |
| Steam Power Plants ME 44 | 1 | Steam Power Plants ME 46 | 3 | Steam Power Plants ME 186 | 3 |
| Steam Power Plants ME 45 | 2½ | | | | |
| Elementary Power Plants ME 21 | 2½ | | | | |
| Bench Work ME 49 | ¼ | Shop Practice ME 49 | 1 | Shop Practice ME 49 | 1 |
| Bench Work ME 40 | ¼ | | | | |

| 1934-35 | | 1935-36 | | 1936-37 | |
|---|-----------|---|-----------|--|-----------|
| SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. | SUBJECT | *Cr. Hrs. |
| Machine Shop Practice ME 51 | ½ | Shop Practice ME 50 | 1 | Shop Practice ME 50 | 1 |
| Machine Shop Practice ME 52 | ½ | | | | |
| Machine Design ME 54 | 1 | Machine Design ME 64 | 4 | Machine Design ME 178 | 4 |
| Machine Design ME 55 | 2½ | Machine Design ME 65 | 4 | Machine Design ME 179 | 4 |
| Machine Design ME 56 | 2½ | | | | |
| Machine Design ME 57 | 1 | Machine Design ME 57 | 1 | Machine Design ME 180 | 2 |
| Heating and Ventilating ME 71 | 2 | Heating and Ventilating ME 71 | 2 | Heating and Ventilating ME 187 | 3 |
| Hydraulics ME 75 | 2½ | Hydraulics ME 75 | 3 | Hydraulics ME 184 | 3 |
| Thermodynamics ME 82 | 2½ | Thermodynamics ME 82 | 3 | Thermodynamics ME 189 | 3 |
| Special Mechanical Engineering Problems ME 88 | 2½ | Special Mechanical Engineering Problems ME 88 | 3 | Special Mechanical Engineering Problems ME 194 | 3 |
| Engineering Drawing ME 1e | 3 | Refrigeration ME 86 | 3 | Refrigeration ME 192 | 3 |
| Engineering Drawing ME 2e | 3 | Engineering Drawing ME 1e | 3 | Engineering Drawing ME 21e | 2 |
| Descriptive Geometry ME 8 | 3 | Engineering Drawing ME 2e | 3 | Engineering Drawing ME 22e | 2 |
| Machine Drawing ME 14e | 3 | Descriptive Geometry ME 8 | 3 | Descriptive Geometry ME 41e | 3 |
| | | Machine Drawing ME 14e | 3 | Machine Drawing ME 176 | 2 |

OUTLINE OF COURSES

| FIRST SEMESTER | Cr. Hrs. | SECOND SEMESTER | Cr. Hrs. |
|---|----------|--|----------|
| Introduction to Natural Sciences 9 .. | 3 | Introduction to Natural Sciences 10 .. | 3 |
| Strength of Materials CE 105 | 3 | Strength of Materials CE 106 | 3 |
| Engineering Chemistry 131 | 4 | Engineering Chemistry 132 | 4 |
| Physics (Applied Mechanics) 145 .. | 3 | Machine Drawing ME 176 | 2 |
| Elements of Electrical Engineering EE 125 | 4 | Elements of Electrical Engineering EE 126 | 4 |
| Mechanism and Mechanism Drawing ME 177 | 4 | Machine Design ME 178 | 4 |
| Metallurgy 133 | 4 | Mechanical Engineering Laboratory ME 182 | 2 |
| Machine Design ME 179 | 4 | Hydraulics ME 184 | 3 |
| Heating and Ventilating ME 187 .. | 3 | Special Mechanical Engineering Problems ME 194 | 3 |
| Steam Power Plants ME 185 | 3 | Steam Power Plants ME 186 | 3 |
| Thermodynamics ME 189 | 3 | Gas Engines ME 190 or Refrigeration ME 192 | 3 |
| Mechanical Engineering Laboratory ME 183 | 2 | Electives | 6 |

The above courses comprise the subjects 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 total of 150 credit hours.

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

** For non-mechanical students.

MECHANICAL ENGINEERING

PROFESSOR GRIFFIN, ASSOCIATE PROFESSOR UPP
ASSISTANT PROFESSOR WILSON

- 176de. (14) MACHINE DRAWING. Second semester. 2 credits.
MR. WILSON
177. (31-32) MECHANISM AND MECHANISM DRAWING. First semester. 4 credits.
MR. WILSON
- 178-179. (54, 55, 56) MACHINE DESIGN. 4 credits each semester.
Prerequisite, Strength of Materials 105-106.
MR. GRIFFIN, MR. WILSON
180. (57) MACHINE DESIGN. 2 credits.
An elective course.
MR. GRIFFIN
- 182-183. (24, 61, 62) MECHANICAL ENGINEERING LABORATORY.
2 credits each semester.
Laboratory fee \$2.00.
MR. UPP
184. (75) HYDRAULICS. Second semester. 3 credits.
MR. GRIFFIN
- 185-186. (21, 44, 45) STEAM POWER PLANTS. 3 credits each semester.
MR. UPP
187. (71) HEATING AND VENTILATING. First semester. 3 credits.
MR. GRIFFIN
188. (21) HEAT POWER ENGINEERING. Second semester.
3 credits.
A survey of heat power theory and power plant equipment for non-mechanicals.
MR. UPP
189. (82) THERMODYNAMICS. First semester. 3 credits.
MR. UPP
190. (38) 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, properties of refrigerants, household refrigeration, artificial ice and cold storage.
MR. UPP
194. (88) SPECIAL MECHANICAL ENGINEERING PROBLEMS.
Second semester. 3 credits.
Laboratory fee \$3.00.
MR. UPP
- 21e-22e. (3-4) ENGINEERING DRAWING. 2 credits each semester.
MR. WILSON
- 41e-42e. (8-9) DESCRIPTIVE GEOMETRY. 1½ credits each semester.
Offered every other year.
MR. WILSON
176. (14) MACHINE DRAWING. Second semester. 2 credits.
Offered every other year.
MR. WILSON

GENERAL COURSES FOR ENGINEERING STUDENTS

ACCOUNTING

MR. HILLIARD

- 125-126. (28) ENGINEERING ACCOUNTING. 3 credits each semester.

BIOLOGY

ASSISTANT PROFESSOR FOX

180. (80) BACTERIOLOGY AND SANITATION. Second semester. 3 credits.

CHEMISTRY

ASSOCIATE PROFESSOR SCHAEFER

131. (31) ENGINEERING CHEMISTRY. First semester. 3 credits. Laboratory fee \$5.00.
132. (32) ENGINEERING CHEMISTRY. Second semester. 3 credits. Laboratory fee \$5.00.
133. (33) METALLURGY OF IRON AND STEEL. First semester. 3 credits. Laboratory fee \$7.50.
134. METALLURGY (ADVANCED). Second semester. 3 credits. Laboratory fee \$7.50.

ENGLISH

ASSISTANT PROFESSOR RAW

61. AMERICAN LITERATURE. First semester. 2 credits. American Literature from 1890 to the present time. A study of Bret Harte, Mark Twain, William Dean Howells, Frank Norris, Hamlin Garland, and others.

PHYSICS

PROFESSOR HOUSEHOLDER

ASSISTANT PROFESSORS FOUTS AND GRAY

145. (55) PHYSICS. (APPLIED MECHANICS). First semester. 3 credits.

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, but a broad and liberal education, strong and pleasing personality, and high character are equally essential for good teaching. 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 higher vision 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.

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 26 to 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 on page 122.

REQUIREMENTS FOR ADMISSION TO THE
UPPER COLLEGE

1. Each student must have secured an average quality point rating of one.
2. Each student is required to pass an examination on the so-called introductory courses in the General College.
3. Each student must pass an examination in written English.
4. A personality rating is required. 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 by the College of Education faculty.
7. Each prospective high school teacher must be prepared to enter upper college courses in at least two teaching fields.

REQUIREMENTS FOR A DEGREE

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 |
| | <hr style="width: 100%; border: 0.5px solid black;"/> |
| | 12 |

3. Professional Courses :

| | |
|--|---|
| | Cr. Hrs. |
| Educational Psychology | 3 |
| Principles of Education | 3 |
| Special Methods | 2 |
| Tests and Measurements or Measurements and Diagnosis.. | 2 |
| History and Philosophy of Education | 3 |
| Student Teaching | 6 |
| School Administration | 2 |
| | <hr style="width: 100%; border: 0.5px solid black;"/> |
| | 21 |

| | | | |
|-------------|---|-------|--------------------|
| TOTAL | { | Men | 73-75 Credit Hours |
| | } | Women | 69-71 Credit Hours |

BAEd
for Regular
Academic Majors
114
BSEd for
Special
Fields

THE UNIVERSITY OF AKRON

The following statements of majors and minors for secondary school teaching apply to all students who expect to be recommended for a teaching certificate, as well as for those who expect to receive degrees in the College of Education.

see p 126 of BSEd

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 Cr. Hrs. | 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.

BAEd - for NOT H.S.
BSEd - for H.S. TEACHERS

and Elementary

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. |
|-------------------------|----------|-----------------|----------|
| Principles of Education | 3 | Special Methods | 2 |

SECOND YEAR UPPER COLLEGE

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|-------------------------------------|----------|-------------------------------------|----------|
| History and Philosophy of Education | 3 | Student Teaching | 6 |
| Tests and Measurements | 2 | School Administration | 2 |
| or | | | |
| Student Teaching | 6 | History and Philosophy of Education | 3 |
| School Administration | 2 | Tests and Measurements | 2 |

SAMPLE HIGH SCHOOL PROGRAM

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

FIRST YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|--------------------------------|----------|--------------------------------|----------|
| English | 3 | English | 3 |
| Health, Phys. Ed., Mental Hyg. | 3 | Health, Phys. Ed., Mental Hyg. | 3 |
| Introduction to Social Science | 3 | Introduction to Social Science | 3 |
| Introduction to Science | 3 | Introduction to Science | 3 |
| Mathematics | 4 | Mathematics | 4 |
| | 16 | | 16 |
| R. O. T. C. | 1 | R. O. T. C. | 1 |
| | 17 | | 17 |

SECOND YEAR

| | | | |
|----------------------------|----|----------------------------|----|
| Introduction to Humanities | 3 | Introduction to Humanities | 3 |
| English | 3 | English | 3 |
| Analytical Geometry | 2 | Analytical Geometry | 2 |
| General Psychology | 3 | Educational Psychology | 3 |
| Introduction to Education | 3 | Introduction to Education | 3 |
| Economics | 3 | Economics | 3 |
| | 17 | | 17 |
| R. O. T. C. | 1 | R. O. T. C. | 1 |
| | 18 | | 18 |

THIRD YEAR

| | | | |
|-------------------------|----|-----------------|----|
| Calculus | 3 | Calculus | 3 |
| Principles of Education | 3 | Special Methods | 2 |
| Chemistry | 4 | Chemistry | 4 |
| Economics | 3 | Geography | 3 |
| Philosophy | 3 | Philosophy | 3 |
| | 16 | | 15 |
| Summer: Elective | 3 | | |
| Sociology | 3 | | |

FOURTH YEAR

| | | | |
|----------------------|----|-------------------------------------|----|
| Business Mathematics | 4 | Elective | 5 |
| Physics | 4 | Physics | 4 |
| Student Teaching | 6 | History and Philosophy of Education | 3 |
| Administration | 2 | Psychology | 2 |
| | 16 | Tests and Measurements | 2 |
| | | | 16 |

Men, 139 credit hours
Women, 135 credit hours

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

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 |
| Kindergarten-Primary Music (Songs, Games, Rhythms) | 6 |
| Art (Structural and Art for Grades) | 4 |
| Play Materials | 2 |
| Story Telling | 6 |
| Children's Literature | 3 |
| Child Care | 3 |
| School Health | 2 |
| Child Psychology (Lab.) | 3 |
| | 35 |
| Electives | 24-26 |

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

FIRST YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|---|----------|---|----------|
| English | 3 | English | 3 |
| Health, Phys. Ed., Mental Hygiene | 3 | Health, Phys. Ed., Mental Hygiene | 3 |
| Introduction to Social Science | 3 | Introduction to Social Science | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| Elective | 3 | Elective | 3 |
| | 16 | | 16 |

SECOND YEAR

| | | | |
|----------------------------------|----|----------------------------------|----|
| 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 Sociology | 3 |
| Introduction to Education | 3 | Educational Psychology | 3 |
| Elective | 3 | Elective | 3 |
| | 18 | | 18 |

THIRD YEAR

| | | | |
|-------------------------------|----|-----------------------|----|
| Sight Singing | 2 | Sight Singing | 2 |
| Story Telling | 3 | Story Telling | 3 |
| Primary Methods | 3 | Primary Methods | 3 |
| Principles of Education | 3 | Free Sketch | 2 |
| Structural Art | 2 | School Health | 2 |
| Play Materials | 2 | Elective | 4 |
| Elective | 2 | | |
| | 17 | | 16 |

FOURTH YEAR

| | | | |
|----------------------------------|----|----------------------------------|----|
| Kindergarten Primary Music | 2 | Kindergarten Primary Music | 2 |
| Child Psychology | 2 | Student Teaching | 6 |
| Tests and Measurements | 2 | School Management | 2 |
| Children's Literature | 3 | Elective | 5 |
| History and Philosophy | 3 | | |
| Elective | 4 | | |
| | 16 | | 15 |

FOUR-YEAR ELEMENTARY COURSE

As an example of the distribution of courses by semesters and years the following outline of the curriculum for students preparing for elementary school teaching is furnished.

| First Semester | | FIRST YEAR | | Second Semester | |
|--|----------|--|----------|--|----------|
| | Cr. Hrs. | | Cr. Hrs. | | Cr. Hrs. |
| English | 3 | English | 3 | English | 3 |
| Health and Physical Education and Mental Hygiene | 3 | Health and Physical Education and Mental Hygiene | 3 | Health and Physical Education and Mental Hygiene | 3 |
| Social Science | 3 | Social Science | 3 | Social Science | 3 |
| Foreign Language | 4 | Foreign Language | 4 | Foreign Language | 4 |
| Elective | 3 | Elective | 3 | Elective | 3 |
| | 16 | | 16 | | 16 |
| SECOND YEAR | | | | | |
| Introduction to Humanities | 3 | Introduction to Humanities | 3 | Introduction to Humanities | 3 |
| Introduction to Science | 3 | Introduction to Science | 3 | Introduction to Science | 3 |
| Literature 25 | 3 | Literature 26 | 3 | Literature 26 | 3 |
| General Psychology | 3 | Educational Psychology | 3 | Educational Psychology | 3 |
| Introduction to Education | 3 | Elective | 4 | Elective | 4 |
| Elective | 1 | | | | |
| | 16 | | 16 | | 16 |
| THIRD YEAR | | | | | |
| Children's Literature | 3 | Reading | 3 | Reading | 3 |
| Sight Singing | 2 | Sight Singing | 2 | Sight Singing | 2 |
| Arithmetic | 2 | Science | 2 | Science | 2 |
| Principles of Education | 3 | Observation and High School Methods | 3 | Observation and High School Methods | 3 |
| Geography | 3 | Geography | 3 | Geography | 3 |
| Structural Art | 2 | Art for Grades | 2 | Art for Grades | 2 |
| Elective | 2 | Elective | 2 | Elective | 2 |
| | 17 | | 17 | | 17 |
| FOURTH YEAR | | | | | |
| Public School Music | 1 | Public School Music | 1 | Public School Music | 1 |
| Child Psychology | 2 | Practice Teaching | 6 | Practice Teaching | 6 |
| Language | 2 | (Either Semester) | | (Either Semester) | |
| Tests and Measurements | 2 | School Management | 2 | School Management | 2 |
| Observation | 3 | Elective | 5 | Elective | 5 |
| Story Telling | 3 | | | | |
| Elective | 3 | | | | |
| | 16 | | 14 | | 14 |

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—16 |

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

GENERAL BUSINESS AND BOOKKEEPING CURRICULUM

FIRST YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|----------------------------------|----------|----------------------------------|----------|
| Freshman English 1 | 3 | Freshman 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 |
| Introd. to Humanities 7 | 3 | Introd. to Humanities 8 | 3 |
| Introd. to Natural Science 9 | 3 | Introd. 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 |

THIRD YEAR

| | | | |
|---------------------------------|--------|--------------------------------|--------|
| Analytical Accounting 43 | 3 | Intermediate Accounting 124 | 3 |
| Methods in Secretarial Subjects | 2 | Methods in Bkpg. and Gen. Bus. | 2 |
| Principles of Education | 3 | Educational Psychology | 3 |
| Economics 41 | 3 | Economics 42 | 3 |
| Electives | 4 or 5 | Electives | 4 or 5 |

FOURTH YEAR

| | | | |
|---------------------------------|----|-----------------------|---|
| History and Philosophy of Educ. | 3 | Student Teaching | 6 |
| Tests and Measurements | 2 | School Administration | 2 |
| Electives | 11 | Electives | 8 |

COMMERCIAL TEACHER TRAINING

SECRETARIAL AND OFFICE PRACTICE CURRICULUM

FIRST YEAR

| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
|----------------------------------|----------|----------------------------------|----------|
| Freshman English 1 | 3 | Freshman 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 |
| Introd. to Humanities 7 | 3 | Introd. to Humanities 8 | 3 |
| Introd. to Natural Science 9 | 3 | Introd. 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 | Introd. to Education | 3 |
| Military Training | 1 | Military Training | 1 |

THIRD YEAR

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

FOURTH YEAR

| | | | |
|-------------------------------------|---|-----------------------|---|
| Office Practice 193 | 3 | Student Teaching | 6 |
| History and Philosophy of Education | 3 | School Administration | 2 |
| Tests and Measurements | 2 | Electives | 8 |
| Electives | 8 | | |

HEALTH AND PHYSICAL EDUCATION

| FIRST YEAR | | | |
|---|----------|---|----------|
| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
| English | 3 | English | 3 |
| Hygiene and Physical Education ... | 3 | Hygiene and Physical Education ... | 3 |
| Social Science | 3 | Social Science | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| R. O. T. C. | 1 | R. O. T. C. | 1 |
| Introduction to Humanities | 3 | Introduction to Humanities | 3 |
| | 17 | | 17 |
| SECOND YEAR | | | |
| Introduction to Science | 3 | Introduction to Science | 3 |
| Literature 25 | 3 | Literature 26 | 3 |
| General Psychology | 3 | Educational Psychology | 3 |
| Introduction to Education | 3 | Educational Sociology | 3 |
| R. O. T. C. | 1 | R. O. T. C. | 1 |
| Theory and Practice of Physical Education I | 3 | Theory and Practice of Physical Education II | 3 |
| | 16 | | 16 |
| THIRD YEAR | | | |
| Principles of Education | 3 | First Aid and Massage | 2 |
| Normal Diagnosis and Corrective Gymnasium | 2 | Organization and Administration of Physical Education | 2 |
| Organization and Administration of Physical Education | 2 | Theory and Practice IV | 3 |
| Theory and Practice III | 3 | Theory and Practice VI | 3 |
| Theory and Practice V | 3 | Physiology | 3 |
| Anatomy | 3 | | |
| | 16 | | 13 |
| FOURTH YEAR | | | |
| School Health | 2 | School Health | 2 |
| Tests and Measurements | 2 | Practice Teaching (Either semester) | 6 |
| History and Philosophy of Education | 3 | School Management | 2 |
| Swimming | 1 | History of Physical Education | 2 |
| Elective | 6 | Elective | 4 |
| | 14 | | 16 |

SCHOOL MUSIC COURSE

| FIRST YEAR | | | |
|--|----------|--|----------|
| First Semester | Cr. Hrs. | Second Semester | Cr. Hrs. |
| English (Oral and Written) | 3 | English (Oral and Written) | 3 |
| Health and Hygiene | 3 | Health and Hygiene | 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 |
| | 15 or 16 | | 15 or 16 |
| SECOND YEAR | | | |
| General Psychology | 3 | Educational Psychology | 3 |
| Introduction to Science | 3 | Introduction to 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 |
| | 16 to 18 | | 16 to 18 |
| 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 Education | 3 | School Health | 2 |
| | 16 | Glee Club, Orchestra, Band | 1 |
| | | | 16 |

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 of School Music | 2 | Literature | 3 |
| Instruments or Voice | 2 | | |
| Observation | 3 | | |
| Literature | 3 | | |
| | 16 | | 16 |

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 | 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.

REQUIREMENTS FOR THE B. S. DEGREE IN EDUCATION

Students planning to prepare for high school teaching should complete the requirements for the B. S. degree in Education. The basic requirements for this degree are the same as for all others. In addition to the basic requirements a student must elect a major and two minors from the academic fields as outlined on page 115.

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.

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 Book-keeping, (2) Secretarial and Office Practice | MR. DOUTT |
| Four-Year Elementary | DR. DISTAD |
| High School | DR. KUHNES |
| Home Economics | MISS MAXWELL |
| Kindergarten-Primary | MISS KEMLER |
| Music | {MR. ENDE MISS RIDER |
| Nursery—2-Year | MISS KEMLER |
| Physical Education | MR. SEFTON |
| Primary-Elementary | MISS KEMLER |
| Upper Grade—Junior High School | DR. 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 Education, Observation, and Methods.

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.

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 COURSES, 1936-1937

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).

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 completed all the requirements for a Bachelor's degree from a college of recognized standing. 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. *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.

The choice of the major and the minor must have the approval of the Committee on Graduate Study. In the College of Education a major may be taken in Education or in Psychology. A split minor is not looked upon as desirable.

The thesis must have the approval of each member of the Thesis Committee before being accepted. The thesis topic must be selected by November first 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 on his thesis and course work, covering the major and minor fields.

A graduation fee of ten dollars shall be paid by the candidate before the degree may be conferred.

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,
MISS WHORL, MR. YOUNG, AND MRS. YOUNG

113e. (13) ADVANCED COMPOSITION. Second semester. 2 credits.

121e. (15) ART FOR THE GRADES. First semester. 2 credits.

A study of children's special interests and abilities. The correlation of Art with other studies in the curriculum.

Prerequisite, 21.

191. (8) 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, page 65.

EDUCATION

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

55. INTRODUCTION TO EDUCATION. Either semester. 3 credits.
The objective of this course is to give students the background for an understanding of the instruction of public education.

MR. EVANS

*65. (7) EDUCATIONAL SOCIOLOGY. Either semester. 3 credits.

MR. SNYDER

105. (5) EDUCATIONAL TESTS AND MEASUREMENTS. First semester. 2 credits.

Fee, \$2.00

MR. DISTAD

*109de. (9) PRINCIPLES OF EDUCATION. Either semester. 3 credits.

Not open to students below junior rank.

MR. KUHNES

111. (11) STORY TELLING. First semester. 3 credits.

MISS KEMLER

112. (12) STORY TELLING. Second semester. 3 credits.

MISS KEMLER

113e. (13) HIGH SCHOOL METHODS. Either semester. 2 credits.

Not open to students below junior rank.

MR. SNYDER

115de. (15) SCHOOL MANAGEMENT AND ADMINISTRATION. Either semester. 2 credits.

Accompanies Student Teaching.

MR. EVANS

120. (20) TECHNIQUE OF CURRICULUM CONSTRUCTION. Second semester. 2 credits. Prerequisite, 65 or 109. MR. SNYDER
124. (24) STUDENT TEACHING. Either semester. 6 credits. Seniors only. MR. KUHNES, MISS KEMLER, MR. SNYDER
118. THE JUNIOR HIGH SCHOOL. 2 credits. 1935-36 and alternate years. MR. EVANS
131. (31) PRIMARY METHODS. First semester. 3 credits. Not open to students below junior rank. MISS KEMLER
132. (32) PRIMARY METHODS. Second semester. 3 credits. Not open to students below junior rank. MISS KEMLER
- 133de. (33) SCIENCE: CONTENT AND METHOD. First semester. 2 credits. MR. SNYDER
- 135de. (35) READING: CONTENT AND METHOD. First semester. 3 credits. MISS KEMLER
- 136de. (36) ARITHMETIC: CONTENT AND METHOD. Second semester. 2 credits. MISS KEMLER
137. (37) LANGUAGE: CONTENT AND METHOD. First semester. 2 credits. MISS KEMLER
- 138de. (38) HISTORY: CONTENT AND METHOD. Second semester. 2 credits. MR. SNYDER
- 140de. (40) CHILDREN'S LITERATURE. Second semester. 3 credits. MISS KEMLER
- *201de. (3) HISTORY AND PHILOSOPHY OF EDUCATION. Either semester. 3 credits. MR. DISTAD

GRADUATE COURSES IN EDUCATION

DEAN EVANS, PROFESSOR KUHNES

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

- *311e. (211) EDUCATIONAL STATISTICS. First semester. 2 credits. MR. EVANS
- 312e. (212) 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. The objective of this course is to assist teachers in the use of educational techniques in the diagnosis and remediation of pupils' learning difficulties. MR. DISTAD
320. (220) SECONDARY SCHOOL ADMINISTRATION. Second semester. 2 credits. MR. EVANS
- 321de. (221) PUBLIC SCHOOL ADMINISTRATION. First semester. 2 credits. MR. EVANS

- 322e. (222) SUPERVISION OF INSTRUCTION. Second semester.
2 credits. MR. EVANS
- 323e. (223) EDUCATIONAL PHILOSOPHY. First semester.
2 credits. MR. KUHNES
- 324e. (224) HISTORY OF THE PHILOSOPHY OF EDUCATION.
Second semester. 2 credits.
Prerequisite, Educational Philosophy. MR. KUHNES
401. (301) GREAT TEACHERS. First semester. 2 credits.
MR. KUHNES
423. CONCEPT OF MIND IN EDUCATIONAL THEORY. 2 credits.
This course considers the ancient and modern concepts of mind with
respect to the influence which each has had upon contemporary and
later theories of education. MR. KUHNES
- 425es. (325) PRINCIPLES AND TECHNIQUE OF RESEARCH AND
INVESTIGATION. First semester. 2 credits. MR. EVANS
- 427ds. (327) SEMINAR IN CURRICULUM. Second semester.
2 credits. MR. EVANS
- 431e. (321) MODERN TENDENCIES IN EDUCATION. First semester.
2 credits. MR. KUHNES
- 433-434e. (323-324) COMPARATIVE EDUCATION. 2 credits each
semester. MR. KUHNES
436. (326) 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 dean, and whose problem is approved, may receive
credit. Fee, \$5.00 per credit hour.

GEOGRAPHY

MR. SNYDER

See General College, page 55.

INDUSTRIAL ARTS EDUCATION

MR. MOORE, MR. HAMBURGER

- 101-102. (1-2) WOODWORKING. 3 credits each semester.
- 103-104e. HANDCRAFTS IN THE ELEMENTARY SCHOOL. 2 credits
each semester.
This course deals with the instruction in the use of crafts applicable
to the elementary school, such as woodcraft, art metalcraft, textiles,
and ceramics. MR. MOORE, MR. HAMBURGER

- 109-110. (9-10) METAL WORKING. 3 credits each semester.
 117-118. (17-18) PRINTING. 3 credits each semester.
 119. (19) ELECTRICAL SHOP. First semester. 4 credits.
 121. (21) FIELD PROJECT. First semester. 4 credits.
 123-124. (23-24) ORGANIZING INSTRUCTION MATERIAL FOR
 INDUSTRIAL ARTS TEACHING. 2 credits each semester.

HOME ECONOMICS

PROFESSOR MAXWELL, ASSISTANT PROFESSOR LATHROP

See under Home Economics in the College of Liberal Arts, page 82.

KINDERGARTEN-PRIMARY EDUCATION

ASSISTANT PROFESSOR KEMLER

126. (26) PLAY MATERIALS. First semester. 2 credits.
 Fee, \$1.00. MISS KEMLER
 127-128e. (27-28) KINDERGARTEN-PRIMARY METHODS. 3 credits
 each semester. MISS KEMLER

MILITARY SCIENCE AND TACTICS, See pages 56, 96.

MUSIC

ASSISTANT PROFESSOR ENDE, MISS 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 addition to the special and general requirements necessary to complete the course, the student in the fourth year has the experience of supervised observation and practice teaching in the public schools of Akron.

- 81-82. (31-32) 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. (33-34) SECOND YEAR SIGHT SINGING AND EAR TRAINING. 2 credits each semester. Prerequisite, 82.

- 85-86. (17-18) KINDERGARTEN-PRIMARY MUSIC. 2 credits each semester. Prerequisite, 82.
- 87-88. (19-20) SCHOOL MUSIC. 1 credit each semester. Prerequisite, 82. For students in elementary education.
- 89-90. (21-22) 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. (37) ORGANIZATION IN SCHOOL MUSIC. First semester. 2 credits. Prerequisite, 88.

PHYSICAL EDUCATION

PROFESSOR SEFTON, ASSISTANT PROFESSORS DREISBACH AND SMITH

- 41-42. (11-12 and 13-14) THEORY AND PRACTICE OF PHYSICAL EDUCATION. 6 credits.

Graded play and games from the kindergarten upward. Dancing. Rhythmical work of lower and upper grades.

MRS. DREISBACH

- 103-104. (1-2, 3-4, and 5-6) THEORY AND PRACTICE OF PHYSICAL EDUCATION. 6 credits.

Instruction and practice for the eight grades in the elementary school. Includes both outdoor and indoor work. Tumbling, balancing, stunts, pyramids, and group work. Apparatus work.

MRS. DREISBACH, MR. SEFTON, AND MR. SMITH

- 105-106. (7-8 and 9) THEORY AND PRACTICE OF PHYSICAL EDUCATION. 6 credits.

Athletics. Activities other than athletics: tennis, volley ball, soccer, hockey and other games.

MRS. DREISBACH AND MR. SEFTON

114. (15) THEORY AND PRACTICE OF PHYSICAL EDUCATION. First semester. 1 credit.

MRS. DREISBACH, MR. SMITH

115. (17) INDIVIDUAL CORRECTIVE GYMNASIUM AND (30) NORMAL DIAGNOSIS. CORRECTIVE EXERCISE. 2 credits.

Technique of examination and demonstration of correct exercises for each divergency. Facts relating to normal conditions of the body and methods for recognition of abnormalities.

MR. SEFTON

- 117-118. (18-19) SCHOOL HEALTH AND HEALTH PROBLEMS. 2 credits each semester.

MR. SMITH

- 121-122. (22-23) ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. 2 credits each semester. MR. SEFTON
123. (21) HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 2 credits. MR. SEFTON
124. (24) KINESIOLOGY. 2 credits.
A study in modified form of the action of various muscles, bones, joints, and ligaments involved in physical exercise. MR. SMITH
125. (25) METHODS OF PHYSICAL EDUCATION. 2 credits.
MRS. DREISBACH
126. (26-27) FIRST AID AND MASSAGE. 2 credits. MR. SMITH
127. (28) ANATOMY. 3 credits. MR. SMITH
128. (29) PHYSIOLOGY. 3 credits. MR. SMITH

PSYCHOLOGY

PROFESSORS HAYES AND WOOD, ASSISTANT PROFESSOR STAGNER.

- *41de. (1) GENERAL PSYCHOLOGY. First semester. 3 credits.
MR. HAYES
- *52de. (3) EDUCATIONAL PSYCHOLOGY. Second semester.
3 credits.
Prerequisite, 41. May be taken by Liberal Arts students as a free elective, but not as a group elective. MR. WOOD
- *105de. (5) CHILD PSYCHOLOGY. First semester. 3 credits.
Prerequisite, 52. MR. HAYES
- *106e. (105) PSYCHOLOGY OF ADOLESCENCE. Second semester.
2 credits.
Prerequisite, 9 hours of Psychology. MR. HAYES
111. (11) EXPERIMENTAL PSYCHOLOGY. First semester. 1 credit.
Prerequisite, 3. MR. HAYES
112. (12) EXPERIMENTAL PSYCHOLOGY. Second semester. 1 credit.
Prerequisite, 3. MR. HAYES
- *207ds. (7) MENTAL HYGIENE. First semester. 3 credits.
MR. HAYES
- 208e. (205) ABNORMAL PSYCHOLOGY. First semester. 2 credits.
Prerequisite, 12 hours of Psychology. MR. HAYES
209. SOCIAL PSYCHOLOGY. Second semester. 3 credits.
MR. STAGNER
- *210. (101) 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
- 303e. (203) ADVANCED EDUCATIONAL PSYCHOLOGY. First semester.
2 credits. Prerequisite, 12 hours of Psychology.
MR. WOOD
315. (216) 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
- 317-318es. (307-8) PSYCHOLOGICAL SYSTEMS. 2 credits each
semester. MR. HAYES AND MR. STAGNER
425. CLINICAL PSYCHOLOGY. First semester. 4 credits.
MR. HAYES AND MR. STAGNER

RESEARCH

426. (326) 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

ASSOCIATE PROFESSOR GREENLY

MR. GRASTORF, DISTRICT CO-ORDINATOR

MR. GOODING AND MR. MORAN, RESEARCH ASSOCIATES

102. (2) OCCUPATIONAL ANALYSIS. Second semester. 2 credits.
104. (4) EDUCATIONAL AND VOCATIONAL GUIDANCE. Second
semester. 2 credits.
- 115de. (15) SHOP MANAGEMENT. First semester. 2 credits.
125. (25) ORGANIZATION OF INSTRUCTION MATERIAL. First
semester. 2 credits.
127. (27) HISTORY AND PHILOSOPHY OF VOCATIONAL EDUCA-
TION. First semester. 2 credits.
129. (29) METHODS OF TEACHING OCCUPATIONAL SUBJECTS.
First semester. 2 credits.
132. (32) INDUSTRIAL AND EDUCATIONAL CO-ORDINATION. Second
semester. 2 credits.

EVENING AND SATURDAY COURSES

Further information concerning Evening and Saturday courses
which are offered throughout the year may be secured from the Dean,
or from the Director of Adult Education.

THE DIVISION OF ADULT EDUCATION

LESLIE P. HARDY, *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 1936-37 are: First Semester—Friday and Saturday, September 18 and 19, 1936; Second Semester—Friday and Saturday, February 5 and 6, 1937. 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 taken. 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 150 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, evaluation of credits, and other academic problems. Students are invited to make use of this opportunity by calling BLackstone 4124.

Programs of study leading to degrees should be carefully planned with the aid of the head of the department in which the major subject is taken. It is wise in such cases 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 to each student when fees are paid. Application blanks for adjustment of fees may be obtained at the 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 towards 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 | |
| Physical Education | MR. F. S. SEPTON |

New students in the College of Education are particularly urged to confer with the proper adviser before they have registered, in order that they may avoid an unfortunate 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 is charged with the duty of evaluating such work toward the degree sought at the University of Akron. 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.

FEES

See general statement of fees on page 19.

STATE CERTIFICATE

Those 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 under the General Regulations section of the catalog, page 35.

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

There are three major divisions in the Evening Session schedule: Buchtel College of Liberal Arts, The College of Engineering and Commerce (The College of Engineering under the New Plan) and the Teachers College (The College of Education under the New Plan). Each course scheduled is followed by a course number which is used to identify it. For example, German 3 is offered the first semester; therefore 2 is written under the prerequisite column, and should be completed before enrolling in the course numbered 3.

Under the column headed "Credits" is the number of credit hours 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.

DESCRIPTION OF COURSES

In the Liberal Arts section of the catalog are described all courses offered by that college, both day and evening. If marked with "e" after the course number, the course is given only in the evening, while if "de" appears, the course is given in both day and evening. Each course is listed under its proper department. The same notation is used in connection with courses offered in the other colleges.

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 1935-36. These classes carry a fee of \$3.00 per 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.
- The General Tire and Rubber Company employees.
- The Ohio State Employment Bureau.
- Summit County Emergency Teachers.
- Society of Electrical Technicians.
- Summit County Children's Home.
- The Ohio Teachers Reading Circle.
- The Alumni Forum.
- The University Speakers Forum.

For information relative to institute courses, write to the Adult Education Office on the University campus.

SCHEDULE OF EVENING CLASSES 1935-36
BUCHTEL COLLEGE OF LIBERAL ARTS

| Semester | Subject | Prereq- uisite | Cr. Hrs. | Days | Time | Instructor | |
|--------------------------|---------------------------------------|-------------------|-------------|------|-----------|--------------|---------|
| BIOLOGY | | | | | | | |
| 1-2 | Bacteriology, 71-72 | | 2 | M | 6:00-7:50 | Fox | |
| 1-2 | General Botany, 31, 1-2 | | 2 | W | 6:30-9:15 | Miller | |
| 1-2 | Genetics, 5, 1-2 | | 2 | W | 8:00-9:50 | Jones | |
| 1-2 | Human Biology (Men and Women) | | 2 | Th | 6:00-7:50 | Jones | |
| CHEMISTRY | | | | | | | |
| 1-2 | Gen. Inorg. Chem. & Lab. | Lec. 1 | 2 | Th | 6:30-9:10 | Cool | |
| 1-2 | Elementary Metallurgy, 1-2 | | 2 | M | 6:00-7:50 | Schaefer | |
| 2 | Colloid Chemistry, 214 | | 2 | T | 6:00-9:15 | Cool | |
| PHYSICS | | | | | | | |
| 1-2 | Elementary Physics, 3 (with lab.) | | 2 | T | 6:25-9:25 | Gray | |
| ECONOMICS | | | | | | | |
| 1-2 | Principles of Economics, 1-2 | | 3 | M-W | 6:25-7:50 | O'Hara | |
| 1 | Economic History, 4 | | 2 | T | 8:00-9:50 | Anthony | |
| 2 | Labor Problems, 6 | | 2 | T | 8:00-9:50 | Anthony | |
| ENGLISH | | | | | | | |
| 1-2 | English, 1-2a | | 3 | M-W | 6:25-7:50 | Wishart | |
| 1-2 | English, 1-2b | | 3 | T-Th | 8:00-9:25 | Putnam | |
| 1 | English, 1c | | 3 | M-W | 8:00-9:25 | Roberts | |
| 1-2 | English, 2-1 | | 3 | M-W | 6:25-7:50 | Stickney | |
| 1-2 | American Literature, 27-28 | | 2 | M-W | 6:25-7:50 | Raw | |
| 1 | Chaucer, 29 | | 3 | T-Th | 6:25-7:50 | Pease | |
| 2 | Hist. of Eng. Lang., 30 | 6 hrs. of Lit. | 3 | T-Th | 6:25-7:50 | Pease | |
| 1 | Shaksperc, 31 | | 2 | W | 6:00-7:50 | Spanton | |
| 2 | Tennyson & Browning, 34 | 2 hrs. Lit. | 2 | W | 6:00-7:50 | Spanton | |
| 1-2 | Anglo-Saxon, 121-122 | Srs. & Grads. | 3 | M-W | 3:00-4:25 | Pease | |
| JOURNALISM | | | | | | | |
| 1 | Writing for Print, 21 | | 2 | T | 6:00-7:50 | Vance | |
| 2 | Feature Writing, 20 | | 2 | T | 6:00-7:50 | Vance | |
| HISTORY | | | | | | | |
| 1-2 | Ancient History, 17-18 | | 3 | M-W | 8:00-9:25 | Beddie | |
| HOME ECONOMICS | | | | | | | |
| 1-2 | General Foods, 13 (With Lab.) | | 2 | | 6:00-9:30 | Tobin | |
| LIBRARY | | | | | | | |
| 1 | Bibliography & the Use of the Library | | 2 | Th | 6:00-7:50 | Ireland | |
| MATHEMATICS | | | | | | | |
| 1.2. | Algebra, 1 | | 4 | M-W | 6:00-7:50 | Selby-Tabler | |
| 2 | Trigonometry, 2 | | 4 | M-W | 6:00-7:50 | Selby | |
| 1-2 | Calculus, 5-6 | | 2 | M-W | 6:25-7:50 | Lipscombe | |
| 1-2 | Astronomy, 13-14 | | 2 | W | 8:00-9:50 | Jones | |
| 1-2 | Differential Equations, 105-106 | | 6 | M | 6:00-7:50 | Bender | |
| 1-2 | Business Mathematics, 20 | | 1 | W | 8:00-9:50 | Bender | |
| MODERN LANGUAGES | | | | | | | |
| 1-2 | Scientific German | | 2 | T | 8:00-9:50 | Albrecht | |
| 1-2 | German, 3-4 | | 3 | M-Th | 8:00-9:25 | Albrecht | |
| 1-2 | French, 1-2 | | 4 | T-Th | 6:00-7:50 | Glennen | |
| 1-2 | Spanish, 1-2 | | 4 | T-Fr | 6:00-7:50 | Albrecht | |
| PHILOSOPHY | | | | | | | |
| 1 | Introduction to Philosophy, 1 | | 3 | T-Th | 8:00-9:25 | Wood | |
| 2 | Philosophy of Religion | | 1 | 3 | T-Th | 8:00-9:25 | Wood |
| GENERAL COLLEGE | | | | | | | |
| 1-2 | Introduction to Social Sciences | | 3 | T-Th | 6:25-7:50 | Sherman | |
| POLITICAL SCIENCE | | | | | | | |
| 1 | Municipal Government | | 3 | T-Th | 6:25-7:50 | Creecraft | |
| 2 | Political Theory, 21 | | 3 | T-Th | 6:25-7:50 | King | |
| SOCIOLOGY | | | | | | | |
| 1 | Social Anthropology, 5e | | 1 | 3 | M-W | 8:00-9:25 | DeGraft |
| 1 | Child Welfare, 7e | | 1 | 3 | T-Th | 6:25-7:50 | Ruff |
| 2 | Intro. to Sociology, 1 | | 3 | M-W | 8:00-9:25 | DeGraft | |
| 2 | Leadership, 104 | | 2 | W | 6:00-7:50 | DeGraft | |
| 2 | Community Organization | | 3 | M-W | 8:00-9:25 | Kruse | |
| SPEECH | | | | | | | |
| 1.2. | Public Speaking, 1 | | 3 | T-Th | 6:25-7:50 | Hayworth | |
| 1.2. | Business Men's Pub. Speaking, 51 | | 2 | M | 6:00-7:50 | Turner | |
| 1.2. | Bus. Men's Adv. Pub. Speaking, 52 | | 2 | M | 8:00-9:50 | Turner | |
| 2 | Radio Speaking, 9 | | 2 | W | 8:00-9:50 | Hayworth | |
| 1-2 | Interpretation, 31-32 | | 2 | M | 6:00-7:50 | McEbright | |
| 1 | Acting, 23 | | 2 | Th | 8:00-9:50 | Varian | |
| 2 | Play Production, 21 | | 2 | Th | 8:00-9:50 | Varian | |

COLLEGE OF ENGINEERING AND COMMERCE
1935-1936

| Semester | Subject | Prereq- uisite | Cr. Hrs. | Days | Time | Instructor |
|----------------------------|---------------------------------------|-------------------|-------------|-----------|-----------|--------------------|
| ENGINEERING | | | | | | |
| 1-2 | Engineering Drawing, 1-2 | | 3 | M-W | 6:25-9:15 | Stotler- Wilson |
| 1 | Descriptive Geometry, 8 | | 3 | M-W | 6:25-7:50 | Wilson |
| 1-2 | Surveying, 1 | | 2 | M | 8:00-9:50 | Durst |
| 1 | Refrigeration | (2) | W | 8:00-9:50 | Upp | |
| 1 | Air Conditioning | (2) | W | 8:00-9:50 | Borkat | |
| 1-2 | Strength of Materials, 16 | | 2 | M | 8:00-9:50 | Bulger |
| 1-2 | Ind. Electricity, 31-32 & Lab., 33-34 | | 4 | M-W | 6:25-9:15 | Walther |
| 1-2 | Aerodynamics | | 2 | M | 6:00-7:50 | Bulger |
| 1.2. | Elementary Aeronautics | (2) | T | 6:00-7:50 | Steward | |
| 1-2 | Blue Print Reading for Mech. Trades | (2) | M | 6:00-7:50 | Griffin | |
| *1-2 | Physics, Elementary, 3 (with lab.) | | 2 | T | 6:25-9:25 | Gray |
| COMMERCE | | | | | | |
| 1-2 | Accounting (Secretarial), 7-8 | | 3 | M-W | 8:00-9:50 | Hauser |
| *1-2 | Accounting, 21-22a | | 3 | M-W | 8:00-9:50 | Hilliard |
| *1-2 | Accounting, 21-22b | | 3 | T-Th | 6:00-7:50 | Hauser |
| *1 | Accounting, 21c | | 3 | M-W | 8:00-9:50 | Hilliard |
| 1-2 | Accounting, 31-32 (intermediate) | 22 | 3 | T-Th | 8:00-9:50 | Hauser |
| 1-2 | Cost Accounting, 133-134 | | 3 | M-W | 8:00-9:25 | McKee |
| 1 | Accounting Systems, 141 | | 3 | M-W | 6:25-7:50 | McKee |
| *1 | Specialized Accounting, 138 | | 3 | M-W | 6:25-7:50 | McKee |
| *1 | Business Administration, 61 | | 3 | M-W | 6:25-7:50 | Hampel |
| *2 | Business Management, 162 | 61 | 3 | M-W | 6:25-7:50 | Hampel |
| *1 | Advertising, 92 | | 3 | T-Th | 8:00-9:25 | Busbey |
| *2 | Advertising Campaigns, 93 | 92 | 3 | T-Th | 8:00-9:25 | Busbey |
| *1 | Marketing, 181 | | 3 | T-Th | 6:25-7:50 | Leigh |
| *1 | Retailing, 186 | | 3 | T-Th | 6:25-7:50 | Leigh |
| *1 | Salesmanship, 83 | | 2 | T | 8:00-9:50 | Leigh |
| *1 | Sales Administration, 184 | | 3 | T-Th | 6:25-7:50 | Leigh |
| *2 | Economic Geography | | 2 | W | 6:00-7:50 | VanMette |
| *1 | Business Finance, 171 | | 3 | M-W | 8:00-9:25 | Hampel |
| *2 | Investments, 172 | | 3 | M-W | 8:00-9:25 | Hampel |
| *1-2 | Business Law, 17-18 | | 3 | M-W | 8:00-9:25 | Powers |
| 2 | Credit and Collection Law | | 2 | Th | 8:00-9:50 | Powers |
| SECRETARIAL SCIENCE | | | | | | |
| 1.2. | Business English, 11 | | (2) | T | 6:00-7:50 | Cohen |
| 1.2. | Business Correspondence, 13 | | 2 | M | 6:00-7:50 | Doutt |
| 1-2 | Shorthand, 21-22 | | 3 | T-Th | 8:00-9:25 | Tenney |
| 1-2 | Shorthand, 27-28 | | 3 | T-Th | 8:00-9:25 | Flint |
| 1-2 | Typewriting, 31-32 | | 3 | T-W-Th | 6:20-7:50 | Self |
| 2 | Secretarial Theory | | 2 | Th | 6:00-7:50 | Hine |
| 1-2 | Secretarial Accounting, 7-8 | | 3 | M-W | 8:00-9:50 | Hauser |

* May be counted toward the A. B. degree in the Arts College.

THE TEACHERS COLLEGE
 1935-1936

| Semester | Subject | Prereq- uisite | Cr. Hrs. | Days | Time | Instructor |
|-----------------------------|---|-------------------|-------------|------|-----------|------------------------|
| ART | | | | | | |
| *1 | History of Art, 127 | 126 | 2 | M | 6:00-7:50 | Barnhardt |
| 2 | History of Art, 125 | | 2 | M | 6:00-7:50 | Barnhardt |
| 1, 2 | Art for the Grades, 15 | 1 | 2 | M | 6:30-9:15 | Whorl |
| *1, 2 | Advanced Composition, 13 | | 2 | Th | 6:30-9:15 | Whorl |
| **1-2 | Commercial Art, 23-24 | | 2 | T | 6:30-9:15 | French |
| 1 | Lettering | | 2 | W | 6:30-9:15 | Young |
| **1-2 | Pose, 18-19 | | 2 | W | 6:30-9:15 | Young |
| **1 | Weaving, 4 | | 2 | W | 6:30-9:15 | Cable |
| *1 | Stage Costume, 112 | | 2 | W | 6:30-9:15 | Cable |
| **1 | Free Sketch, 6 | | 2 | Th | 6:30-9:15 | Cable |
| *2 | Structural Art, 1 | | 2 | Th | 6:30-9:15 | Cable |
| EDUCATION | | | | | | |
| 1 | Geography of No. America, 3 | | 2 | T | 8:00-9:50 | Snyder |
| 2 | Geography of So. America, 4 | | 2 | T | 8:00-9:50 | Snyder |
| 1 | History, Cont. & Meth., 38 | | 2 | W | 6:00-7:50 | Snyder |
| 2 | Principles of Educa., 9 | | 3 | M-W | 6:25-7:50 | Distad |
| 1 | Children's Literature, 40 | | 2 | T | 6:00-7:50 | Kemler |
| 2 | Language, Cont. & Meth., 37 | | 2 | T | 6:00-7:50 | Kemler |
| 1-2 | School Admn. & Mgt., 16-17 | | 2 | Sat | 8:00-9:50 | Evans |
| 2 | Educa. Tests & Meas., 5 | | 2 | Sat | 8:00-9:50 | Distad |
| 2 | H. S. Methods & Observation | 13 | 3 | M-W | 4:00-5:30 | Kuhnes |
| EDUCATION—GRADUATE | | | | | | |
| †1 | Technique of Research, 325 | | 2 | W | 8:00-9:50 | Distad |
| 2 | Educational Diagnosis, 213 | | 2 | W | 8:00-9:50 | Distad |
| 1 | Secondary School Administration, 220 | | 2 | M | 8:00-9:50 | Evans |
| †*2 | Educational Statistics, 211 | | 2 | M | 8:00-9:50 | Evans |
| †1 | Philosophy of Education, 223 | | 2 | W | 6:00-7:50 | Kuhnes |
| 2 | History of Phil. of Education, 224 | | 2 | W | 6:00-7:50 | Kuhnes |
| 1 | Modern Tendencies, 321 | | 2 | Th | 8:00-9:50 | Kuhnes |
| 2 | Great Teachers, 301 | | 2 | Th | 8:00-9:50 | Kuhnes |
| LIBRARY | | | | | | |
| 1 | Bibliography & Use of the Library | | 2 | Th | 6:00-7:50 | Ireland |
| MUSIC | | | | | | |
| *1-2 | Elementary Harmony, 3-4 | | 2 | M | 8:00-9:50 | Rider |
| 1-2 | Counterpoint, 7-8 | 6 | 2 | W | 6:00-7:50 | Ende |
| *1-2 | His. and Apprec. of Music, 35-36 | | 2 | T | 6:00-7:50 | Ende |
| 1, 2 | Voice-Class | | 1 | T | 6:00-7:50 | Stein |
| PHYSICAL EDUCATION | | | | | | |
| 1-2 | School Health, 18-19 | | 2 | T | 6:00-7:50 | Smith |
| 2 | Theory & Pct., 4 | | 2 | W | 6:00-7:50 | Sefton |
| 2 | Admin. of Phys. Educa., 23 | | 2 | M | 8:00-9:50 | Sefton |
| PSYCHOLOGY | | | | | | |
| *1 | General Psychology, 1 | | 3 | M-W | 8:00-9:25 | Hayes |
| 2 | General Psychology, 1 | | 3 | T-Th | 6:25-7:50 | Snyder |
| 2 | Business Psychology, 18 | 1 | 3 | M-W | 8:00-9:25 | Hayes |
| 2 | Educa. Psychology, 3 | 1 | 3 | M-W | 8:00-9:25 | Stagner |
| PSYCHOLOGY—GRADUATE | | | | | | |
| 1-2 | Psychological Systems, 307-308† | | 2 | Sat | 8:00-9:50 | Hayes |
| 1 | Abnormal Psychology, 205, 9 hrs. | | 2 | M | 6:00-7:50 | Hayes |
| 2 | Psy. of Social Relations, 202, Srs. | | 2 | M | 6:00-7:50 | Hayes |
| 1 | Psy. of Char. Traits, 215 | | 2 | Th | 6:00-7:50 | Wood |
| †2 | Adv. Educa. Psy., 205, 12 hrs. | | 2 | Th | 6:00-7:50 | Wood |
| VOCATIONAL EDUCATION | | | | | | |
| 1 | Educa. and Voc. Guidance, 4 | | 2 | M | 8:00-9:50 | Greenly |
| 1 | Meth. of Tcg. Occ. Subjects | | 2 | Th | Cleveland | Greenly |
| 1 | Conference Leadership and Instruction for Foremen Foremen Courses in N. E. Ohio upon request | | | | | |
| 2 | Shop Management | | 2 | W | 8:00-9:50 | Greenly |
| INDUSTRIAL ARTS | | | | | | |
| 1-2 | Handcrafts in the Elementary Schools | | 2 | W | 5:00-7:00 | Moore and Hamburger |

* May be counted toward the A. B. degree in the Arts College.

** May be taken toward B. S. in Applied Art in the College of Liberal Arts.

† Required for a Master's Degree.

1936 SUMMER SESSION

LESLIE P. HARDY, *Director*

The fifteenth annual Summer Session begins Thursday, June 18 and closes Friday, July 31.

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.

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 Teachers College. 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 1936 Summer Session will be held in Rooms 37 and 38, Buchtel Hall, June 18, from 8:00 a. m. to 5:00 p. m. Any person registering after June 18 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 18, or by mail before this date.

FEEES

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 Thursday, June 18) | 5.00 |

APPOINTMENT BUREAU

The Dean of the Teachers College 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 1936 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 visiting professors. This course will appeal to those persons who have not been able to take courses at the larger universities during the last several years.

EVENING CLASSES

Two 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 a class in College Algebra, and also a class in Applied Psychology.

COACHING SCHOOL

Andrew Kerr, Colgate University, and James Aiken, University of Akron, will conduct a special football coaching school for one week, June 22 to 26 inclusive. This course will consist of theory and chalk talks during the morning and field demonstrations in the afternoon. University athletes will demonstrate plays and the new 1936 rules.

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 brought to the University for students. The program for the summer includes C. William Duncan, columnist for the Evening Public Ledger, Philadelphia, The Rhodes Chamber of Opera Company, and several other numbers of interest.

TOURS

A tour of the B. F. Goodrich Co. rubber factory, the Guggenheim Institute, Akron Airport and the Weather Bureau will be conducted by experienced guides.

SCHEDULE OF CLASSES—1936
BUCHTEL COLLEGE OF LIBERAL ARTS

| Dept. | Course | Prereq- uisite | Cr. Hrs. | Time | Instructor | Room |
|--------------------------|--|-------------------|-------------|-------------------------|------------|------|
| BIOLOGY | | | | | | |
| | Field Botany 33-34 (and lab.) | | 6 | 8:00- 1:30 | Acquarone | O34 |
| CHEMISTRY | | | | | | |
| | Organic Chemistry 7 | 2 | 4 | 8:00-11:40 | Cook | K22 |
| ECONOMICS | | | | | | |
| | Economics 1 | | 3 | 7:35- 8:53 | Anthony | B25 |
| | Economic History 4 | | 2 | 10:00-10:53 | Anthony | B25 |
| ENGLISH | | | | | | |
| | English 1 | | 3 | 10:00-11:20 | Stickney | B15 |
| | English 2 | | 3 | 11:30-12:53 | Stickney | B15 |
| | Types of Literature 26 | 2 | 3 | 8:35- 9:53 | Roberts | B38 |
| | Nineteenth Century Fiction 40 | | 2 | 10:00-10:53 | Pease | B38 |
| | Chaucer 29 | | 3 | 11:00-12:20 | Pease | B38 |
| | American Literature 27 | 2 | 3 | 11:00-12:20 | Raw | E241 |
| HISTORY | | | | | | |
| | American History 11 | | 2 | 11:00-11:53 | Sappington | B25 |
| | History of Modern Europe 8 | | 2 | 9:00- 9:53 | Sappington | B25 |
| HOME ECONOMICS | | | | | | |
| | House Furnishings 18 | | 2 | 10:00-10:53 | Lathrop | C19 |
| MATHEMATICS | | | | | | |
| | College Algebra (Evening) | | 4 | 6:30- 8:45 | Bender | B26 |
| | Trigonometry 2 | | 4 | M.T.W.Th. 8:00- 9:45 | Jones | E115 |
| MODERN LANGUAGES | | | | | | |
| | French 1 | | 4 | 10:00-11:45 | Fanning | B22 |
| | German 1 | | 4 | 8:00- 9:45 | Bulger | B22 |
| POLITICAL SCIENCE | | | | | | |
| | American Political Parties 7 | | 2 | 11:00-11:53 | King | K22 |
| | American Government 2 | | 2 | 10:00-10:53 | Sherman | K22 |
| | Parliamentary Law (first 3 wks.) | | 1 | 12:00-12:53 | King | K22 |
| SOCIOLOGY | | | | | | |
| | Juvenile Delinquent 113 | 2 | 2 | 9:00- 9:53 | DeGraff | B32 |
| | Modern Social Problems | | 2 | 7:35- 8:30 | DeGraff | B32 |
| SPEECH | | | | | | |
| | Introduction to Voice Science 3 | | 2 | 10:00-10:53 | Dye | B12 |
| | Interpretation 31 | | 2 | 11:00-11:53 | Dye | B12 |

COLLEGE OF ENGINEERING AND COMMERCE

| | | | | | | |
|--------------------|--|--|---|------------|-------------------|------|
| ENGINEERING | | | | | | |
| | Surveying, Mapping, and Trigonometry 1 and 51 | | 6 | 8:00-11:30 | Durst, Gilmour | E242 |
| COMMERCE | | | | | | |
| | Business Policy 168 | | 2 | 9:00- 9:53 | Leigh | E232 |

THE TEACHERS COLLEGE

| Dept. | Course | Prereq. Cr. uisite Hrs. | Time | Instructor | Room |
|----------------------------|--|----------------------------|-------------------------|---------------|------|
| ART | | | | | |
| | History of Art 125 | 2 | 10:00-10:53 | Barnhardt | PH |
| | Free Sketch 6 | 2 | 8:00- 9:45 | Barnhardt | PH |
| | Crafts 5 | 2 | 11:00-12:45 | Barnhardt | PH |
| | Weaving 11 | 2 | 11:00-12:45 | Cable | PH |
| EDUCATION | | | | | |
| | Introduction to Education 1 | 2 | 9:00- 9:53 | Snyder | B37 |
| | Principles of Education 9 | 3 | 7:35- 8:53 | Light | B12 |
| | High School Methods 13 | 2 | 11:00-11:53 | Kuhnes | S214 |
| | Student Teaching, Classroom Management and Observation | 6 | (to be arranged) | Evans | S214 |
| | Classroom Management 16 | 2 | 8:00- 8:53 | Evans | B15 |
| | Arithmetic, Content and Method 36 | 2 | 8:00- 8:53 | Bender | B13 |
| | Language, Content and Method 37 | 2 | 9:00- 9:53 | Distad | B13 |
| | Reading, Content and Method 35 | 2 | 10:00-10:53 | Distad | B13 |
| | History and Social Science, Content and Method 38 | 2 | 11:00-11:53 | Finney | B13 |
| | Educa. Tests & Measurements 5 | 2 | 10:00-10:53 | Stagner | B11 |
| | Geography of Europe 6 | 2 | 12:00-12:53 | Finney | B25 |
| | Educational Sociology 7 | 2 | 11:00-11:53 | Snyder | O21 |
| GRADUATE EDUCATION | | | | | |
| | Special Problems in Secondary School Administration 220 | 3 | 10:00-11:25 | Special Staff | B26 |
| | Educational Philosophy 223 | 2 | 9:00- 9:53 | Kuhnes | B26 |
| | Educational Statistics 211 | 2 | 8:00- 8:53 | Stagner | S113 |
| MUSIC | | | | | |
| | Public School Music 19 | 2 | 9:00- 9:53 | Rider | S113 |
| | Sight Singing 31 | 2 | 10:00-10:53 | Rider | S113 |
| | Appreciation of Music 21 | 2 | 11:00-11:53 | Ende | S113 |
| | Piano (Individual lessons) | 1 | By appointment | Wills | |
| | Violin (Individual lessons) | 1 | By appointment | Campbell | |
| PHYSICAL EDUCATION | | | | | |
| | School Health 19 | 2 | 10:00-10:53 | Smith | O21 |
| | Organization & Administration of Physical Education 23 | 2 | 9:00- 9:53 | Smith | Gym |
| | Swimming, Tennis & Archery | 1 | 12:00-12:53 | Smith | Gym |
| | Principles of Coaching 7 | 2 | 11:00-11:53 | Aiken | Gym |
| PSYCHOLOGY | | | | | |
| | General Psychology 1 | 3 | 7:35- 8:53 | Wood | B11 |
| | Educational Psychology 3 | 3 | 10:00-11:20 | Wood | B32 |
| | Applied Psychology 3 (Evening) | 3 | 6:30- 8:45 | Snyder | B22 |
| | Child Psychology 5 | 2 | M. T. Th. 9:00- 9:53 | Hayes | B15 |
| GRADUATE PSYCHOLOGY | | | | | |
| | Abnormal Psychology 205 | 2 | 11:00-11:53 | Hayes | B37 |
| | Psychological Systems 308 | 2 | 12:00-12:53 | Hayes | B26 |

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.

CO-OPERATIVE WORK BY DEPARTMENTS AND DIVISIONS

THE TESTING LABORATORY OF THE CITY OF AKRON

E. F. SCHAEFER, DIRECTOR

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 india rubber, 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, the Children's Hospital, and the Summit County Children's Home. Several nutrition and health studies for children are now being carried out with a view to helping the institutions check their own activities. 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 consumers' 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. They are thus able to continue their college work and at the same time gain experience which will help them in future professional careers.

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 work in 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 contingent areas.

DEPARTMENT OF SPEECH

A speech clinic has been conducted the past year by a member of the teaching staff. Grade school children are used in the work of the clinic. The head of the department assisted various organizations in the city in preparing broadcasting programs.

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 classwork 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, the General Tire and Rubber Company employees, foster mothers at the Summit County Children's Home, Summit County Emergency Teachers and Reading Circle for the Akron Public School Teachers. More than 1,000 persons were accommodated with this program.

THE COLLEGE OF ENGINEERING

Students in the College of Engineering and Commerce 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

The Commerce Department, in co-operation with various organizations, 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.

THE OFFICE OF THE DEAN OF WOMEN

The office of the Dean of Women offers its service to all city organizations as a clearing house for dates of public performances. This service was started in March, 1936, and it is hoped that organizations will take advantage of it.

SUMMARY OF STUDENTS IN DAY CLASSES

(Students entering as Freshmen in 1935 in all colleges are listed as First Year students in the General College)

BUCHTEL COLLEGE OF LIBERAL ARTS

| | Men | Women | Total |
|--------------------------|------------|------------|------------|
| Graduate students | 15 | 6 | 21 |
| Seniors | 54 | 51 | 105 |
| Juniors | 54 | 40 | 94 |
| Sophomores | 78 | 76 | 154 |
| Freshmen | 74 | 32 | 106 |
| Irregular Students | 12 | 9 | 21 |
| | <u>287</u> | <u>214</u> | <u>501</u> |

DISTRIBUTION

| | | | |
|------------------------|------------|------------|------------|
| Home Economics | | 42 | 42 |
| Arts and Science | 287 | 163 | 450 |
| Applied Art | | 9 | 9 |
| | <u>287</u> | <u>214</u> | <u>501</u> |

COLLEGE OF ENGINEERING AND COMMERCE

| | | | |
|--------------------------|------------|-----------|------------|
| Graduate Students | 4 | 2 | 6 |
| Seniors | 33 | 10 | 43 |
| Juniors | 37 | 12 | 49 |
| Pre-Juniors | 32 | | 32 |
| Sophomores | 74 | 20 | 94 |
| Freshmen | 64 | 21 | 85 |
| Irregular Students | 12 | 3 | 15 |
| | <u>256</u> | <u>68</u> | <u>324</u> |

DISTRIBUTION BY DEPARTMENTS

| | | | |
|---------------------------|------------|-----------|------------|
| Engineering | 134 | | 134 |
| Commerce | 112 | 4 | 116 |
| Secretarial Science | 10 | 64 | 74 |
| | <u>256</u> | <u>68</u> | <u>324</u> |

THE TEACHERS COLLEGE

| | | | |
|--------------------------|-----------|------------|------------|
| Graduate Students | 8 | 9 | 17 |
| Seniors | 8 | 21 | 29 |
| Juniors | 9 | 36 | 45 |
| Sophomores | 14 | 42 | 56 |
| Freshmen | 19 | 26 | 45 |
| Irregular Students | | 1 | 1 |
| | <u>58</u> | <u>135</u> | <u>193</u> |

THE GENERAL COLLEGE

| | | | |
|---------------------------|-----|-----|------|
| First Year Students | 289 | 205 | 494 |
| Total | 890 | 622 | 1512 |

SUMMARY OF ALL STUDENTS IN THE UNIVERSITY

1935-1936

| | Men | Women | Total |
|--|------|-------|-------|
| Graduate Students | 27 | 17 | 44 |
| Seniors | 95 | 82 | 177 |
| Juniors | 100 | 88 | 188 |
| Pre-Juniors | 32 | | 32 |
| Sophomores | 166 | 138 | 304 |
| Freshmen (classified under the old plan) | 157 | 79 | 236 |
| Irregular | 24 | 13 | 37 |
| Special (none) | | | |
| First Year students in the General College | 289 | 205 | 494 |
| Total Day Session Enrolment | 890 | 622 | 1512 |
| Total Evening Session Enrolment | 1110 | 796 | 1906 |
| Total Summer Session Enrolment (1935) | 122 | 194 | 316 |
| | 2122 | 1612 | 3734 |
| Less Duplicates | 270 | 267 | 537 |
| Total Net Enrolment | 1852 | 1345 | 3197 |

ENROLMENT BASED ON STUDENT CREDIT HOURS

| | Total Student Cr. Hrs. | Full-time *Student Equivalent |
|---|---------------------------|----------------------------------|
| Buchtel College of Liberal Arts | 14,191 | 443 |
| College of Engineering and Commerce | 5,090.5 | 159 |
| The Teachers College | 3,167 | 99 |
| The General College | 15,918 | 499 |
| The Evening Session | 9,443 | 294 |
| | 47,809.5 | 1494 |
| The Summer Session (1935) | 1,483 | 46.4 |
| | 49,292.5 | 1540.4 |

*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 14, 1935

BUCHTEL COLLEGE OF
LIBERAL ARTS*Bachelor of Arts*

William Edwin Adams
Berta Maria Arnstein
Isabell Rosemary Bellany
Paul Esmond Bennett
Helen Maona Bishop
Raymond C. Bliss
Robert E. Bowman
Nancy Elizabeth Brand
Ralph Lester Burge
Victor Herbert Buticofer
James Martin Campbell
William Echols Carpenter
Howard Taft Chenoweth
Robert Eugene Clark
William Thomas Creme
Gertrude E. Cronan
Louise Swinehart Duff
Louise A. Dunford
Hobson Lafayette Dyer
Gwendolyn Pauline Farris
Donald Jenness Flickinger
June Flower
James Austin Fouse
Eli Martin Frantz
Elizabeth Irene Garrett
Frances Ellen Gates
Eleanor Marie Gregory
John Davies Hall, Jr.
William A. Harris
Laura North Hauck
Elonet A. Hutz
Evelyn L. Katz
Glen William Kennedy
Mary Elizabeth Kenney
John Howard Kidder
John Evans Knox
Ladonna Koledin
Mary Iliadou Kupelian
Althea Elizabeth Loomis
Fred Rice Manthey, Jr.
Paul Elmo Martin
Lebia Martucci
Wellington William Mason
Mary Elizabeth Metzger
Thomas Arthur Mitchell
Marcia Elizabeth Mottinger
Maurice Lloyd Moyer
William Evan Myers
Jean Braun Mytholar
Sarah Orlinoff
William Charles Packan
Charles William Parkes
Forrest Dean Paxson
Louise Mae Pfeiffe
Mabel Ruth Pressler
Paul Norman Quinn
Ruth Annie Rabe
Edla Mae Reed
Helen Rifkin
Edith Katherine Rohrich
Kathryn Ann Samuels
Albert F. Schwartz
Mildred Ruth Sowers
Elsie Swain
James Richard Tarson
Nancy Mary Testa

Charles Stanley Tucker, Jr.
Louise Turner
George VanDoros
Summer Wayne Vanica
John Charles VanSickle
William Lawrence Waggoner
Ruth Emelia Walther
William Charles Weirath
Harry Whittemore Welton
Lillian Ardella Wirth
Margaret Ann Wodtke
Mary B. Zeis

Bachelor of Science

Joseph Carlyle Ambelang
Richard Amos Clark
Emanuel Gurin
Frank A. Martin
Charles Bernard Pittinger,
Jr.

Louis Rosenfeld
Donald Eugene Saffel

Bachelor of Science in

Home Economics
Maxine Yvonne Caillet
Margaret Williams

Bachelor of Science in
Applied Arts

Eugene Waint Kistler
Alice Marie McShaffrey

COLLEGE OF ENGINEER-
ING AND COMMERCE*Bachelor of Civil Engineering*

Robert James Coutts
Frank Fred Fricker
John Howard Kautz
John Richard Moore

Bachelor of Electrical
Engineering

Harry Coorsh
Nathan Henry Kamin
Vern Lawrence Oldham
Foster Milton Rush, Jr.

Bachelor of Industrial
Engineering

Richard Irving Felver

Bachelor of Mechanical
Engineering

Carl Edward Bricker
Louis Edward Bunts
Franklin John Falk
Alex Gutsow
William Clifton Leavenworth
Gordon Wilbur Perry
Elmer Olin Roundy
Paul George Wagner

Bachelor of Science in
Business Administration

James Forrest Black
John W. Donnenwirth, Jr.
Frederick William Fuchs
David Eugene Ireland
Earle Richard Johnson
Robert John Kolb
George Korman
Donald Ray Lindsay

Fulton S. D. Mahan
John Packan
John Clark Rockwell
John S. Thatch
Harry Eugene Venner
Richard Wayne Whitney
Clayton Richard Wickes

Bachelor of Science in
Secretarial Science

Jeanne Edith Cohen
John Leonard Ericson
Berniece Alice Flint
Mary Ruth Kalb
Virginia Ann Myers
Geraldine Ellen Thomas
Marie A. Troeschler
Ora Margaret Ufford

THE TEACHERS COLLEGE

Bachelor of Education

Mary Lorraine Amos
Mary Brown Baker
Olive Irene Bowers
Donna Iva Cooper
Ruth Cecilia Cope
Rowland Edward Cukr
William Anthony Darulis
Farrell Elton Dreisbach
Lucy Alene Ellery
Maxine Vivian Glick
Estelle Seval Gross
Helen Hamilton Hahn
Vida Ione Hall
Charles John Hill
Paul Hoobler
Leone Mary Horning
Iva Bigham James
John William Jonea, Jr.
Hildegarde Kmentt
Nadine Burrier Lewis
Helen Kathryn McAcy
Adaline Storts McLeland
Elfrieda M. Mayer
Dorothy Elizabeth Metz
Paul E. Munk
Patricia Lillian Paridon
Gladys Keith Rice
Violet Mae Richards
Ellen Rebecca Rumsey
Frances Williams Saffes
Marjorie States Sears
Grace Ellen Smith
Horace A. Smith
Nellie Mae Snyder
Olive Sparhawk
Happy May Switzer
Raymond Shirey Wise
Charles Vincent Zeno

Bachelor of Science in
Education

Eileen Button
Myra Fay Graham
Mae Hinman
Kathryn Margaret Huhn
Herman Fred Klein
Ralph Hugh Leigh
Bertha Shetler Rockwell

THE UNIVERSITY OF AKRON

GRADUATE STUDY

Master of Arts
Helen Louise Pumphrey

Master of Science
Maurice Edwin Long

Master of Arts in Education
Mary H. Finney
Wanda Kuhn Ganyard
Nellie Miller Leisy
George Frederick Weber

Master of Science in Education

Joseph Michael Gallagher
Ralph M. Gantz

Leslie Pettitt Hardy
Joseph James McGraw
Francis Garman Mull
William J. Schnitzer

Master of Education

Margaret Fulton Flower

John Frederick Mearig

Irma Carol Rugers

Nellie Whittaker

Judd Davis Yeager

CERTIFICATES

THE COLLEGE OF ENGINEERING AND COMMERCE

Two-year Certificate in Secretarial Science

Gladys Mae Bracken
Dorothy Margaret Hart
Lucille Emma Lukens
Anne Polstein

THE TEACHERS COLLEGE

Certificates granted in the Teachers College since June, 1934

Two-year Certificate in Elementary Education

Birdine Lavina Allison
Ruth Elizabeth Lightle
Mildred R. Moon
Russel Reynolds
Amy Hale Ulmer
Thomas B. Wood

COMMISSIONS

COMMISSIONED SECOND LIEUTENANTS, INFANTRY RESERVE
UNITED STATES ARMY

Richard A. Clark
Frank Harper
**Earle R. Johnson
William Keating
Glen Kennedy

Herman Klein
William Leavenworth
**Paul Martin
Henry Metzger
*Gordon Perry

Ben H. Rawls
George Hezzleton Simmons
John VanSickle
Harry Welton
Richard W. Whitney

*Upon completion of R. O. T. C. Camp.

**Issued a certificate of capacity because of minority, entitling him to apply for a commission.

HONORS AND PRIZES

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 1935

As juniors in 1934:

Joseph Carlyle Ambelang
Elizabeth Irene Garrett
As juniors of the Class of 1936:
Dorothea Baumgartner
John Kachmar
Marjorie McMullan
Dorothy Smith
Helen Vallish

As seniors in 1935:

Robert Eugene Clark
William Thomas Creme
Eleanor Marie Gregory
Emanuel Gurin
Sarah Orlinoff
Louise Turner
Margaret Ann Wodtke
Ruth Penfield Pease

TAU KAPPA PHI

In Buchtel College of Liberal Arts, in Home Economics, in the junior class, outstanding in scholarship, leadership, character, and personality:

Ruth Harrington Lucile Knecht Lucinda Knecht

SIGMA TAU

In the College of Engineering and Commerce, elected from the upper third of each junior class, in Engineering, for scholarship and personality:

Franklin J. Falk Leon C. Murfin Paul G. Wagner Alex G. Walker,

BETA DELTA PSI

In the College of Engineering and Commerce, elected from the junior class, in Commerce, for scholarship:

David Eugene Ireland John Packan George Richards

SIGMA PI EPSILON

In the Teachers College, elected from the senior class, for scholarship, teaching skill, and civic spirit:

Eileen Button Herman Klein Lucy Ellery Kathryn Huhn
Bertha Rockwell

PIXLEY SCHOLARS, 1934-35

In English—Vincent Biondo, Carrie Chiarmonte, Zelda Trenner.

In Speech—Caroline Bauman, Eleanor Gregory, Forrest Paxson, Sol Radam, Elizabeth Test.

In Music—Voice: Betty Buckles, Andrew Costick, Jane Crecraft, Jeanette Hopkins, William McIntosh, Lawrence Mack, Mary Morrison, Gordon Sayre, Genevieve Sennett, Stanley Van Teslaar, Clara Waltz.

Violin: Gladys Breitenbucher, Walter Hranilovich, George Leuca, Stephen Nostwich.

Piano: Evelyn Brown, Hester Buticofer, Jean Hoover, Grant Sibley, Forest Sibley, Pauline Young.

Organ: Marie Beidler, Dorothy Smith.

Trombone: Wilson Brett.

Clarinet: Robert B. Cole.

HONOR GRADUATE IN R. O. T. C.

A graduate of the institution and the Reserve Officers Training Corps whose attainments in scholarship have been so marked as to receive the approbation of the head of the University, and whose proficiency in military training and intelligent attention to duty have merited the approbation of the Professor of Military Science and Tactics:

William Clifton Leavenworth

THE UNIVERSITY OF AKRON
PRIZES AND SCHOLARSHIPS

SOPHOMORE ASHTON PRIZE CONTEST

For excellence in public speaking and recitation:

First prize, \$20.00, to Max Caplan

Second prize, \$10.00, to Paul Bagwell

THE DR. E. B. FOLTZ MEDICAL PRIZE

George Van Doros

THE SENIOR ALUMNI PRIZE

Joseph Carlyle Ambelang

KAPPA DELTA PI: Awarded for Scholarship during the year 1934-35

Freshman: Jean Elizabeth Morrison

Sophomore: Mildred Smith

THE OHIO STATE UNIVERSITY GRADUATE SCHOLARSHIP

Dorothy Jeanne Schneider, A. B., '31

THE UNIVERSITY OF AKRON ALUMNI ASSOCIATION 1935-36

OFFICERS OF THE GENERAL ASSOCIATION (1935-36)

| | | | |
|---------------------|-------------------------|-----------------|------------------|
| President | John D. Wortman, '24 | Secretary | |
| 1st Vice-Pres.... | Merion Richardson, '17 | Treasurer | Maxwell P. Boggs |
| 2nd Vice-Pres. | Amelia Schoeninger, '98 | | |

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 expires June, 1936 | Term expires June, 1937 |
| Margaret Fanning, '25 | Earl Gulick, '19 |
| Dr. E. B. Foltz, '96 | Dorothy Shreve, '27 |
| Maurice Knight, '06 | Mrs. Frances Hottenstein, '21 |
| William Knowlton, '21 | Richard Qualters, '26 |
| | Term expires June, 1938 |
| | Francis Gillen, '18 |
| | Inez Parshall, '02 |
| | Evelyn C. Smith, '13 |
| | Forrest Myers, '27 |

ASSOCIATION BRANCHES

Chicago—President, Mac D. Long, '24, 330 South Dearborn St., Chicago, Ill.
 Cleveland—President, Ross Brown, '24, 14732 Euclid Ave., E. Cleveland, Ohio.
 Detroit—President, Theodore Harrington, '25, 16200 Parkside, Detroit, Mich.
 Pittsburgh—President, Clarence W. Head, ex '14, Aluminum Company of America, Pittsburgh, Pennsylvania.
 Los Angeles—President, Cletus Fitzharris, '31, 2542 Palm Place, Walnut Park, California.

THE ALUMNI ASSOCIATION

The Alumni Association is the official organization of the Alumni. It was organized in July, 1874. The purpose of the Association is to further the interests of the college 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 in the Alumni Association:

- 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 \$50.00 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 2,712 including the class of 1935.

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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