1931

The Annual Catalogue of Butler University

Butler University

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BUTLER UNIVERSITY

A CHRISTIAN INSTITUTION OF HIGHER LEARNING WITH A NON-SECTARIAN SPIRIT AND PROGRAM

WALTER SCOTT ATEARN, A. M., LL. D., Litt. D., President
JAMES WILLIAM PUTNAM, Ph. D., Vice-President
HILTON U. BROWN, President Board of Directors
WILLIAM G. IRWIN, Chairman Executive Committee
JOHN W. ATHERTON, Financial Secretary
CHARLES W. WILSON, Secretary Board of Directors
SARAH E. COTTON, A. B., Examiner and Registrar

COLLEGE OF LIBERAL ARTS AND SCIENCES

Junior and senior college divisions leading to degree of B. A. and B. S.; in Home Economics; B. S. in Journalism; B. S. in Business Administration. Pre-medical and pre-dental courses lead to B. S. degree. JAMES WILLIAM PUTNAM, Ph. D., Dean.

COLLEGE OF RELIGION

Offers undergraduate courses leading to degree of Bachelor of Sacred Literature, and graduate courses leading to the degree of Bachelor of Divinity. Special Diploma courses for Church Secretaries and Ministerial Assistants. Majors in Religious Education. FREDERICK D. KERSHNER, M. A., LL. D., Dean.

COLLEGE OF EDUCATION

Courses leading to B. S. in Education and M. S. in Education. Junior College Diploma courses for kindergarten, primary, intermediate and grammar grade teachers. Continues Indianapolis Teachers' College, founded by Eliza A. Blaker. Practice Teaching and Demonstration Schools. WILLIAM LEEDS RICHARDSON, Ph. D., Dean.

DIVISION OF GRADUATE INSTRUCTION

Courses leading to M. A. and M. S. degrees. Majors are offered in Religion, Education and all departments of instruction maintained in the College of Arts and Sciences. HENRY LANE BRUNER, Ph. D., Director.

EVENING AND EXTENSION COURSES

Offers standard college courses for teachers and other persons who are unable to adjust their time to the regular University schedule of courses. ALBERT E. BAILEY, A. M., Dean.

AFFILIATED SCHOOLS

1. THE ARTHUR JORDAN CONSERVATORY OF MUSIC

Offers courses in co-operation with Butler University leading to the degree of Bachelor of Music. Prepares music teachers and supervisors for all grades of the public schools. MRS. HENRY SCHUMANN, President.

2. THE JOHN HERRON ART INSTITUTE

Offers courses in co-operation with Butler University leading to the degree of Bachelor of Fine Arts. In addition to The Fine Arts Department, there are maintained a Commercial Arts Department, and a Teachers' Training Department. MISS EDNA MANN SHOVER, Principal.

SUMMER SESSION

An eight weeks' session offering regular college courses leading to undergraduate, graduate and professional degrees. JAMES WILLIAM PUTNAM, Ph. D., Director.

SUMMER SESSION OPENS JUNE 13
REGULAR SESSION OPENS SEPTEMBER 12

For information regarding the different colleges or departments, address the various deans or directors. For general information, address THE PRESIDENT, BUTLER UNIVERSITY, Indianapolis, Ind.
College of Liberal Arts and Sciences
(BUTLER COLLEGE)

FOR THE SEVENTY-SEVENTH SESSION
1931-'32

WITH ANNOUNCEMENTS FOR
1932-'33

INDIANAPOLIS, INDIANA
WHERE SHOULD THE SCHOLAR LIVE?

"Where should the scholar live? In solitude, or in society? In the green stillness of the country, where he can hear the heart of Nature beat, or in the dark gray town, where he can feel the throbbing heart of man? I will make answer for him, and say, in the dark gray town."—LONGFELLOW.

Located on a beautiful 246-acre campus in the most delightful section of a city of homes, schools, churches, libraries, modern industry and commerce, Butler University offers its students a rare opportunity to "hear the heart of Nature beat" and to "feel the throbbing heart of man".
### BUTLER UNIVERSITY CALENDAR

#### Summer Session 1932

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<td>Aug.</td>
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<td>Thursday, Friday</td>
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<td>Saturday</td>
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#### First Semester 1932-33

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<td>Sept.</td>
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<td>Sept.</td>
<td>12, 13</td>
<td>Monday, Tuesday</td>
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<tr>
<td>Sept.</td>
<td>14</td>
<td>Wednesday, 8:00 a.m. Instruction Begins</td>
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<td>Sept.</td>
<td>24</td>
<td>Saturday, 9:00 a.m. Special Examinations</td>
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<td>Oct.</td>
<td>22</td>
<td>Saturday                          First Six-Weeks Reports</td>
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<td>Nov.</td>
<td>23</td>
<td>Wednesday, 5:00 p.m. Thanksgiving Vacation Begins</td>
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<td>Nov.</td>
<td>28</td>
<td>Monday, 8:00 a.m. Thanksgiving Vacation Ends</td>
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<td>Dec.</td>
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<td>Saturday                          Second Six-Weeks Reports</td>
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<td>Dec.</td>
<td>16</td>
<td>Friday, 5:00 p.m. Christmas Vacation Begins</td>
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<td>Jan.</td>
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<td>Monday, 8:00 a.m. Christmas Vacation Ends</td>
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<td>Jan.</td>
<td>23</td>
<td>Monday                          Final Examinations Begin</td>
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<td>Jan.</td>
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<td>Thursday                          Final Examinations End</td>
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#### Second Semester 1932-33

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<td>Feb.</td>
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<td>Monday, 8:00 a.m. Spring Vacation Ends</td>
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<td>April</td>
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<td>Saturday                          Special Examinations</td>
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<td>June</td>
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<td>Monday                          Final Examinations Begin</td>
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<td>Thursday                          Final Examinations End</td>
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<td>June</td>
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<td>June</td>
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<td>June</td>
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#### Summer Session 1933

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THE BOARD OF DIRECTORS AND ITS COMMITTEES

President and ex officio Member of Committees..........HILTON U. BROWN
Financial and Executive Secretary.......................JOHN W. ATHERTON
Secretary .................................................RUTH S. MARTIN
Assistant Secretary ......................................JEAN L. STEWART
Secretary of the Board and of the Standing Committees..CHARLES W. WILSON

Executive Committee:
WILLIAM G. IRWIN, Chairman
PETER C. REILLY
EMSLY W. JOHNSON
ARTHUR V. BROWN
CLARENCE L. GOODWIN
JOHN W. ATHERTON, ex officio

Faculty, Schools, and Salaries:
WALTER SCOTT ATHEARN
Chairman, ex officio
HUGH TH. MILLER
JOHN W. ATHERTON
HILTON U. BROWN
EMSLY W. JOHNSON
JOHN E. CANADAY
CLARENCE L. GOODWIN

College of Education:
LEE BURNS, Chairman
DEAN WM. L. RICHARDSON, ex officio

Building and Grounds:
EMSLY W. JOHNSON, Chairman
ARTHUR JORDAN
PETER C. REILLY
WILLIAM C. SMITH
LEE BURNS
JOHN W. ATHERTON
CHARLES W. WILSON

Finance and Auditing:
WILLIAM G. IRWIN, Chairman
ARTHUR V. BROWN
JOHN W. ATHERTON
LEE BURNS
HILTON U. BROWN

Judiciary Committee:
CRATE D. BOWEN, Chairman
EMSLY W. JOHNSON

Moral and Religious Training:
FREDERICK D. KERSHNER
Chairman, ex officio
EDWIN ERRETT

B. A. ABBOTT
CHARLES W. SETSER
CLARENCE L. GOODWIN
JOHN E. CANADAY

Student Organization:
WILLIAM C. SMITH, Chairman
CLARENCE L. GOODWIN
DEAN J. W. PUTNAM, ex officio

Physical Culture and Athletics:
ARTHUR V. BROWN, Chairman
EMSLY W. JOHNSON
WILLIAM G. IRWIN
PETER C. REILLY
ARTHUR JORDAN
DEAN J. W. PUTNAM, ex officio

Library Committee:
ARTHUR JORDAN, Chairman
EDWIN ERRETT
LELAND SMITH, Librarian, ex officio

Church Committee:
MRS. Z. T. SWEENEY, Chairman
B. A. ABBOTT
JOHN W. ATHERTON
EDWIN ERRETT
JOHN E. CANADAY
FREDERICK D. KERSHNER, ex officio

Dormitories and Housing Committee:
PETER C. REILLY, Chairman
WILLIAM C. SMITH

Endowment Committee:
CLARENCE L. GOODWIN, Chairman
EDWIN ERRETT
WILLIAM G. IRWIN
JOHN W. ATHERTON
CHARLES W. SETSER
PETER C. REILLY
ARTHUR JORDAN
ARTHUR V. BROWN
EMSLY W. JOHNSON
BUTLER UNIVERSITY OFFICERS OF ADMINISTRATION

WALTER SCOTT THEARN, A. M., LL. D., Litt. D., President.
JAMES WILLIAM PUTNAM, Ph. D., Vice-President and Dean of the College of Liberal Arts and Sciences.
FREDERICK DOYLE KERSHNER, A. M., LL. D., Dean of the College of Religion.
WILLIAM LEEDS RICHARDSON, Ph. D., Dean of the College of Education.
HENRY LANE BRUNER, Ph. D., Curator of the Museum and Director of Division of Graduate Instruction.
ALBERT E. BAILEY, A. M., Dean of Division of Evening and Extension Courses.
GEORGE FRANKLIN LEONARD, A. M., Director of Student Welfare Agencies.
SARAH ELIZABETH COTTON, A. B., Examiner and Registrar.
ALICE BIDWELL WESSENBURG, A. M., Chairman, Women’s Council.
A. DALE BEELER, A. M., Chairman, Men’s Council.
J. T. C. MCCALLUM, M. D., University Physician.
MARY DIXON, B. R. E., R. N., University Nurse.
CHARLES W. WILSON, Secretary of the University.
WILLARD NELSON CLUTE, Curator of the Herbarium.
LELAND R. SMITH, A. M., B. L. S., Librarian.
EVAN WALKER, B. S., Director of Bureau of Publicity.
NICHOLAS A. GENTLEMAN, Superintendent of Buildings and Grounds.

SECRETARIES AND ASSISTANTS

Office of the President:
CARRIE W. MEREDITH, Secretary.
VALENTIA C. MENG, A. B., Assistant.

Office of the Dean, Liberal Arts and Sciences:
HELEN HOOVER, A. B., Secretary.
CATHERINE C. BUTZ, Student Assistant.

Office of the Dean, College of Religion:
P. HEDGER, Secretary.

Office of the Dean, College of Education:
(Alabama and 23rd Street)
GENEVIEVE B. PULLIN, Secretary.

Office of the Registrar:
BLANCHE G. MATTHEWS, Assistant Examiner and Registrar (Alabama and 23rd Streets).
MARTHA L. BEHINGER, A. B., Assistant.
MARGARET THOMPSON, A. B., Assistant.
HAZEL GRIFFIN, Assistant.
ISABELLE HEAD, A. B., Assistant.
RUTH SCHULER DEMING, A. B., Assistant.
Office of the Women's Council:
Florence Renn, A. B., Secretary.

Office of the Men's Council:
Leola D. Underwood, Secretary.

Office of the Secretary:
R. Kent Dorman, B. S., Assistant to the Secretary.
Jean M. DaVie, Assistant (Alabama and 23rd Streets).
Arthur Kendall, Assistant.
Marie Frances Lee, A. B., Assistant.

The Library:
Faye Cantrall, A. B., B. S. (L. S.), Assistant Librarian.
Edith Fountain, Assistant (Alabama and 23rd Streets).
Esther Eytcheson, A. B., Reference Librarian
(Absent on leave, 1932-33).
Lois Cowgill, A. B., B. S. (L. S.), Reference Librarian.
Thelma Schuler, A. B., Loan Librarian.
Edith Eytcheson, A. B., Assistant in the Loan Department.
Fannie Bennett, A. B., Assistant in the Catalog Department.
Marion Marshall, A. B., Assistant in the Catalog Department.
Josephine Chancellor, Assistant in the Catalog Department.

The Journalism Office:
Agnes Postma, Secretary.

The Athletic Office:
Elizabeth Smith, Secretary.

The Bookstore:
Mary Rinehart, Assistant Manager.
Wynona Spear, Assistant.
Edward Emery, Student Assistant.

The Publicity Office:
Theresa Bagwell, Assistant.
Harrison Miller, Student Assistant.

The Director of Student Welfare Agencies:
Bertha Negley, Secretary.

Office of the Purchasing Agent:
Elisabeth Myers, A. B., Assistant.
FACULTY

WALTER SCOTT ATHEARN, President. (520 West Hampton Drive.)
B. Sc., Drake University, 1900; A. B., State University of Iowa, 1911;
A. M., *ibid., 1914; LL. D., Fargo College, 1920; Litt. D., Butler Uni-
versity, 1932; (1931), 1931.

JAMES WILLIAM PUTNAM, Vice-President. (327 Buckingham Drive.)
Ph. B., Illinois College, 1894; A. M., Cornell University, 1903; Ph. D.,
University of Wisconsin, 1909; (1909), 1919.

College of Liberal Arts and Sciences

BUTLER COLLEGE

JAMES WILLIAM PUTNAM, Dean and Professor of Economics and Business Administration. (327 Buckingham Drive.)
Ph. B., Illinois College, 1894; A. M., Cornell University, 1903; Ph. D.,
University of Wisconsin, 1909; (1909), 1919.

HENRY LANE BRUNER, Professor of Zoology. (324 South Ritter Avenue.)
A. B., Eureka College (Abingdon), 1880; Ph. D., University of Freiburg,
Baden, 1896; Sc. D., Butler University, 1932; (1892), 1919.

ELIJAH NEWTON JOHNSON, Professor of Mathematics. (304 Downey Avenue.)
A. B., Drake University, 1893; A. M., *ibid., 1895; M. S., University of
Kansas, 1904; Sc. D., Butler University, 1926; (1904), 1922.

CATHERINE MERRILL GRAYDON, Catharine Merrill Professor of English Literature Emeritus. (303 Downey Avenue.)
A. B., Butler University, 1878; A. M., Indiana University, 1883; Litt. D.,
Butler University, 1928; (1907), 1930.

HENRY MILLS GELSTON, Professor of Latin and Head of the Department of Classical Languages and Archaeology. (415 Hampton Drive.)
A. B., University of Michigan, 1900; LL. D., Butler University, 1926;
(1910), 1927.

ELIJAH JORDAN, Professor of Philosophy. (251 Berkeley Road.)
A. B., Indiana University, 1907; Graduate Scholar, Sage School of Philosophy, Cornell University, 1907-'08; A. M., *ibid., 1908; Ph. D., Uni-
versity of Chicago, 1911; (1913), 1913.

MILTON D. BAUMGARTNER, Armstrong Professor of Germanic Languages. (420 Buckingham Drive.)
A. B., University of Kansas, 1902; A. M., *ibid., 1903; Ph. D., Univer-
sity of Chicago, 1913; (1914), 1914.

JOHN SMITH HARRISON, Head of Department of English. (347 North Audubon Road.)
A. B., Columbia University, 1899; A. M., *ibid., 1900; Ph. D., *ibid., 1903;
(1916), 1916.
EVELYN MITCHELL BUTLER, Demia Butler Professor of English Literature. (1433 North Pennsylvania Street, Apartment 310.) A. B., Butler University, 1893; A. M., Columbia University, 1917; (1895-1900), (1912), 1918.

GUY HOWARD SHADINGER, Professor of Chemistry. (302 Buckingham Drive.) Ph. B., Hamline University, 1900; Ph. D., Johns Hopkins University, 1907; (1920), 1920.

GINO ARTURO RATTI, Professor of French and Head of the Department of Romance Languages. (329 Buckingham Drive.) A. B., Middlebury College, 1907; A. M., ibid., 1909; “Docteur de l’Universite de Grenoble,” (Ph. D.), 1911; (1920), 1920.

FRANK HATCH STREIGHTOFF, Acting Professor of Economics. (733 East Thirty-third Street.) A. B., Wesleyan University, 1909; A. M., ibid., 1910; Ph. D., Columbia University, 1913; (1920), 1920.

PAUL LELAND HAWORTH, Professor of History and Head of Department of History and Political Science. (West Newton.) A. B., Indiana University, 1899; A. M., ibid., 1901; Ph. D., Columbia University, 1906; (1922), 1922.

SETH EARL ELLIOTT, Professor of Physics. (4624 Rookwood Avenue.) A. B., Morningside College, 1912; M. S., University of Iowa, 1915; Ph. D., Indiana University, 1931; (1924), 1924.

RAY CLARENCE FRIESEN, Professor of Botany. (3707 North Gladstone Avenue.) A. B., Ohio Wesleyan University, 1916; Ph. D., University of Michigan, 1919; (1919), 1925.

TOLBERT FANNING REAVIS, Professor of Sociology. (3962 Ruckle Street.) A. B., Culver-Stockton College (Mo.), 1908; A. M., ibid., 1909; Ph. D., Indiana University, 1928; LL. D., Culver-Stockton College, 1928; (Assistant Professor Romance Languages, Butler University, 1926-’27), 1928.

CLAUDE SIFRITT, Professor of Public Speaking. (3711 North Gladstone Avenue.) A. B., Ohio Wesleyan University, 1918; A. M., University of Michigan, 1925; (1925), 1928.

A. CAMPBELL GARNETT, Professor of Philosophy. (214 West Forty-fourth Street.) Graduate College of the Bible, Melbourne, Australia, 1916; A. B., with honors, University of Melbourne, 1920; A. M., ibid., 1922; Litt. D., ibid., 1925; (1928), 1928-1932.
WILLARD NELSON CLUTE, Curator Herbarium, Director Botanical Gardens. (5257 Hinesley Avenue.) (1928), 1928.

THOR GRIFFITH WESENBERG, Professor of Romance Languages. (429 Buckingham Drive.)
A. B., University of Pennsylvania, 1910; A. M., *ibid.*, 1911; Ph. D., Harvard University, 1925; (1919), 1929.

IDA B. WILHITE, Professor of Economics. (1701 North Illinois Street, Apartment 310.)
B. S., Purdue University, 1921; A. M., Columbia University, 1928; (1921), 1929.

JANET MALCOLM MACDONALD, Professor of Classical Languages and Archaeology, Jeremy Anderson Professor of Greek. (3360 North Meridian Street, Apartment E. 6.)
A. B., Morningside College, 1910; A. M., University of Illinois, 1913; Ph. D., Bryn Mawr, 1918; (1927), 1930.

ALBERT E. BAILEY, Professor of Fine Arts.

HARRY M. BELL, Director of Physical Education and Athletics. (4734 Hinesley Avenue.)
B. S., Drake University, 1914; (1930), 1930-February, 1932.

PAUL D. HINKLE, Director of Physical Education and Athletics. (326 Blue Ridge Road.)
B. S., University of Chicago, 1921; (1924); February, 1932.

CORINNE WELLING, Associate Professor of English. (5202 Washington Boulevard.)
A. B., Butler University, 1912; A. M., Radcliffe College, 1914; (1916), 1924.

NATHAN EVERETT PEARSON, Associate Professor of Zoology. (543 West Forty-second Street.)
A. B., Indiana University, 1921; A. M., *ibid.*, 1923; Ph. D., *ibid.*, 1926; (1926), 1927.

EARL R. BECKNER, Associate Professor of Economics.
A. B., Butler University, 1923; A. M., University of Chicago, 1924; Ph. D., *ibid.*, 1927; (1927), 1928.

KARL STONE MEANS, Associate Professor of Chemistry. (308 West Maple Road.)
A. B., Butler University, 1914; A. M., Indiana University, 1915; Ph. D., University of Chicago, 1924; (1928), 1928.
S. E. VITTORIO MONCADA, Associate Professor of Romance Languages. (5741 North Delaware Street.)
A. B., Royal College, Syracuse, Italy, 1919; A. M., Columbia University, New York, 1926; Ph. D., Royal Superior Institute for Economical and Political Studies, Genoa, Italy, (1928), 1928.

LELAND ROYP SMITH, Librarian of the University Library. (632 West Forty-third Street.)
A. B., Adelbert College, Western Reserve University, 1920; M. A., ibid., 1921; A. M., Harvard University, 1924; B. L. S., School of Library Science, ibid., 1929; (1930), 1930.

WALTER LLOYD SLIFER, Associate Professor of History. (419 West Fortieth Street.)
A. B., Blue Ridge College, 1920; A. M., University of Chicago, 1922; Ph. D., University of Pennsylvania, 1931; (1924), 1931.

ALICE BIDWELL WESENBERG, Assistant Professor of English. (429 Buckingham Drive.)
A. B., Mount Holyoke College, 1899; A. M., Columbia University, 1911; (1920), 1921.

SARAH ELIZABETH COTTON, Examiner and Registrar. (22 East Forty-sixth Street.)
A. B., Lake Forest College, 1896; A. B., Leland Stanford, Jr., University, 1900; (1912), 1922.

JUNA MARIE LUTZ, Assistant Professor of Mathematics. (727 Fairfield Avenue, Apartment 6.)
A. B., Butler University, 1917; A. M., University of Chicago, 1923; (1918), 1923.

A. DALE BEELE, Assistant Professor of History. (5920 Broadway.)
A. B., Indiana University, 1916; A. M., Columbia University, 1924; (1921), 1924.

CHARLES MERVIN PALMER, Assistant Professor of Botany. (4611 Sunset Avenue.)
B. S., Pennsylvania State College, 1922; M. S., ibid., 1925; (1925), 1925.

MARTHA MAY KINCAID, Assistant Professor of French. (51 South Ritter Avenue.)
A. B., Butler University, 1913; A. M., Indiana University, 1914; Sorbonne, Summer, 1931; (1922), 1926.

ALLEGRA STEWART, Assistant Professor of English. (2621 College Avenue.)
A. B., Butler University, 1921; A. M., Columbia University, 1923; (1923), 1926.
SARAH HILL BAUMGARTNER, Assistant Professor of German. (430 Bucking-
ham Drive.)
A. B., Earlham College, 1901; (1923), 1926.

CLIDE E. ALDRICH, Assistant Professor of Romance Languages. (2934 Station
Street.)
A. B., University of Iowa, 1922; A. M., *ibid.*, 1924; (1924), 1926.

CHESTER B. CAMP, Assistant Professor of Economics. (5328 Broadway.)
B. S., University of Illinois, 1923; M. S., *ibid.*, 1924; (1924), 1926.

GLADYS LILLIAN BANES, Assistant Professor of Mathematics. (1556 Brook-
side Avenue.)
A. B., Butler University, 1920; Ed. M., Harvard University, 1927; A. M.,
Radcliffe College, 1931; (1922), 1927.

FLORENCE I. MORRISON, Assistant Professor of Romance Languages. (4628
Washington Boulevard.)
A. B., University of Chicago, 1902; A. M., *ibid.*, 1905; Diploma de
Eficiencia El Centro de Estudios Historicos, Madrid, Summer, 1923;
(1924), 1927.

RUSSELL GESBERG WEBER, Assistant Professor of Zoology. (117 Hampton
Drive.)
A. B., University of Iowa, 1917; M. S., University of Iowa, 1925; (1925),
1927.

SARAH T. Sisson, Assistant Professor of English. (1850 North Delaware
Street.)
A. B., Butler University, 1923; A. M., *ibid.*, 1927; (1927), 1927.

ESTHER ASENATH RENFREW, Assistant Professor of Romance Languages.
(234 Blue Ridge Road.)
A. B., Butler University, 1921; A. M., University of Michigan, 1927;
Certificate d'Etudes francaises, Grenoble, France, 1931; (1923), 1928.

J. DOUGLAS PERRY, Assistant Professor and Acting Head of the Department
of Journalism. (555 South Central Court.)
A. B., Butler University, 1926; (1927), 1932.

HAZEL WHISENAND, Assistant Professor of Spanish. (4260 Sunset Avenue.)

MABEL F. ARRUTHNOT, Assistant Professor of Latin. (1540 North Meridian
Street.)
A. B., Milton College, 1922; A. M., University of Wisconsin, 1924;
(1925), 1929.

MERWYN G. BRIDENSTINE, Assistant Professor of Economics and Business Ad-
ministration. (317 West Thirty-ninth Street.)
B. S. in Commerce, University of Iowa, 1924; M. A., *ibid.*, 1927; Ph. D.,
*ibid.*, 1929; (1925), 1929.
EMILY MATHILDE HELMING, Assistant Professor of English. (552 North Central Court.)
A. B., Butler University, 1899; A. M., Yale University, 1929; (1923), 1929.

KATHRYN JAMISON JOURNEY, Assistant Professor of Home Economics. (542 East Thirty-third Street.)
A. A., Stephens Junior College, 1916; B. S., Missouri University, 1922;
A. M., University of Chicago, 1928; (1928), 1930.

HENRY GEORGE NESTER, Assistant Professor of Zoology. (2832 North Capitol Avenue.)
A. B., Butler University, 1925; A. M., Indiana University, 1928; Ph. D., ibid., 1930; (1929), 1930.

G. R. REDDING, Assistant Professor of Business Law. (810 Fletcher Trust Building.)
B. S., Indiana University, 1926; J. D., ibid., 1928; (1930), 1930.

HERSEL W. HUDSON, Assistant Professor of Economics. (245 West Maple Road.)
B. S., University of Illinois, 1921; M. S., ibid., 1927; (1927-'29), (1931), 1931.

GEORGE A. SCHUMACHER, Assistant Professor of English. (3536 North Meridian Street.)
A. B., Butler University, 1925; A. M., University of Virginia, 1926;
(1926), 1926.

EVELYN HENDERSON FIFE, Instructor in Public Speaking. (1909 Talbott Avenue.)
A. B., Butler University, 1927; (1925), 1926.

NATHAN G. CARVER, Instructor in English. (433 West Forty-fourth Street.)
A. B., Marietta College (Ohio), 1924; A. M., Ohio State University, 1926;
(1926), 1926.

GEORGE W. HARRIS, Instructor in Journalism. (26 East Fourteenth Street.)
A. B., University of Wisconsin, 1923; M. S., Northwestern University, 1931; LL. B., Indiana Law School, 1931; (1928), 1928.

VIOLET KATHERINE BECK, Instructor in German. (3558 Washington Boulevard, Apartment 1.)
A. B., Butler University, 1927; (1927), 1928-1932.

NORMAN RAY BUCHAN, Instructor in Journalism. (5210 Washington Boulevard.)
A. B., University of Michigan, 1922; A. M., Indiana University, 1930;
LL. B., Indiana Law School, 1931; (1928), 1928.

HELEN JANE CADE, Instructor in Home Economics. (725 Berkeley Road.)
B. S., University of Illinois, 1928; M. S., ibid., 1930; (1930), 1930.
DON W. SPARKS, Instructor in English. (4641 North Capitol Avenue.)
A. B., Butler University, 1929; A. M., University of Michigan, 1930; (1930), 1930.

KARL AUGUST STEGEMEIER, Instructor in Economics. (560 North Central Court.)
A. B., Butler University, 1928; M. B. A., Harvard University, 1930; (1930), 1930.

JOHN ALFRED GRISWOLD, Instructor in Economics. (317 West Thirty-ninth Street.)
A. B., James Millikin University, 1929; A. M., Columbia University, 1930; (1930), 1930.

CLYDE L. CLARK, Instructor in Romance Languages. (401 West Forty-sixth Street.)
A. B., State University of Iowa, 1928; A. M., *ibid., 1929; (1930), 1930.

FRANCIS E. CISLAK, Lecturer in Chemistry (Part time). (3145 Central Avenue.)
B. S., University of Chicago, 1925; M. S., *ibid., 1926; Ph. D., Northwestern University, 1929; (1930), 1930.

CHARLES HENRY WALTERS, Instructor in Public Speaking. (330 West Forty-fourth Street.)
A. B., College of the City of Detroit, 1929; M. A., University of Wisconsin, 1930; (1929), 1930.

VIRGINIA GRAVES BRUNSON, Instructor in German. (3128 Park Avenue.)
A. B., Earlham College, 1911; A. M., Columbia University, 1912; Student, University of Berlin, 1914; (1930), 1931.

FRIEDA STEINMAN ROBINSON, Acting Instructor in English. (752 Berkeley Road.)
A. B., Butler University, 1921; (1930), 1930.

MABEL MARIE ESTEN, Laboratory Instructor. (4112 Graceland Avenue.)
A. B., Butler University, 1922; (1931), 1931.

EVAN B. WALKER, Part time Instructor in Journalism. (2435 Broadway.)
B. S., Butler University, 1930; (1931), 1931.

HELEN H. HOOVER, Instructor in Secretarial Courses. (4142 Rookwood Avenue.)
A. B., Butler University, 1925; (1931), 1931.

JOHN E. POTZGER, Instructor in Botany.
A. B., Butler University, 1928; A. M., *ibid., 1931; Ph. D., Indiana University, 1932; (1932), 1932.

LOUISE MARGUERITE SCHULMEYER, Director of Physical Education for Women. (2059 Park Avenue.)
Diploma, North American Gymnastic Union, 1907; (1906), 1927.
HERMON PHILLIPS, Instructor in Physical Education. (116 West Forty-ninth Street.)
B. S., Butler University, 1927; (1927), 1927.

SUSIE E. HARMAN, Assistant Director of Physical Education for Women. (4507 North Illinois Street.)
A. B., Butler University, 1925; (1925), 1925.

ANNA KATHERINE SUTER, Assistant in Mathematics. (5220 North Keystone Avenue.)
A. B., Butler University, (1927; (1928), 1930.

Graduate Assistants

JOSEPH W. THIEL, Graduate Assistant in Chemistry. (38 Dundee Apartment, Virginia Avenue.)
A. B., Indiana University, 1931; (1931), 1931.

Directors and Assistants

JAMES B. VANDAWORKER, Director of Band. (2915 Guilford Avenue.)
(1924), 1924.

FRANKLIN N. TAYLOR, Director of Men’s and Women’s Glee Clubs. (1015 North New Jersey Street.)

FREDERICK CHARLES MACKEY, Head Football Coach, and Director of Intramurals.
B. S., Ohio State University, 1927; (1932), 1932.

WILLIAM MCGILL, Assistant Coach. (835 West Twenty-ninth Street.)
National Leagues, 20 years.

FRANK HEDDEN, Instructor in Physical Education. (3145 North Illinois Street.)
B. S., Butler University, 1931; (1931), 1931.

COMMITTEES

Administration

PUTNAM, COTTON, GELSTON, RATTI, JOHNSON

Athletics

GELSTON, HAWORTH, SHADINGER

Bulletin

COTTON, HELMING, MACDONALD

Curriculum

RATTI, COTTON, FRIESNER, BRIDENSTINE, LUTZ

Discipline

BAUMGARTNER, ELLIOTT, PEARSON, MORRISON, BANES

Extra Hours

WESENBERG, T. G., COTTON, KINCAID

Library

BAUMGARTNER, HARRISON, REAVIS, PERRY, SLIFER, SMITH, ex officio

Schedule

FRIESNER, COTTON, LUTZ
HISTORY OF BUTLER UNIVERSITY

Butler University operates under a special charter granted by the Indiana Legislature in 1849. This charter defines the purposes and scope of the institution as follows:

"To establish, found, maintain, and perpetuate an institution of learning of the highest class, for the education of the youth of all parts of the United States, and especially of the states of the Northwest; to establish in said institution departments or colleges for the instruction of the students in every branch of liberal and professional education; to educate and prepare suitable teachers for the common schools of the country; to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures, and to promote the sciences and arts."

This charter went into effect January 15, 1850. The organization of the corporation was completed and the first board of directors elected in 1852. Funds were subscribed by members of the Christian churches and citizens of Indiana, and the University opened its doors November 1, 1855, as North Western Christian University on College Avenue, Indianapolis. The College of Liberal Arts, opened at that time, has since had an uninterrupted existence.

In 1873 the Board of Directors decided to move the University to Irvington, then a suburb of the city, and in 1875 instruction of the college classes was begun in the new location.

In recognition of the benefactions of Ovid Butler the name of the institution was changed from North Western Christian University to Butler University, February 28, 1877. This change did not affect any chartered obligations of the corporation or its purposes, all of which have been determined by a legislative act and by the recorded resolutions of the Board of Directors.

By resolution of the Board of Directors, April 8, 1896, the name "Butler College" was adopted in lieu of "Butler University," to designate the undergraduate academic department. The legal name of the corporation, however, remains unchanged.

At the triennial election of directors, June 17, 1909, the stockholders voted to make the newly elected board of twenty-one directors self-perpetuating. This action was taken under a statute enacted by the Indiana General Assembly in its session of 1909.

In 1923 it became evident that the growth of the institution would soon require new and larger buildings. The Board of Directors decided to secure a new site that would provide adequately for future development. As a result of that decision Fairview Park, a beautiful tract of 246 acres, in the northern part of the city of Indianapolis, was purchased. The buildings on the new campus are the Arthur Jordan Memorial Hall, the Field House and Gymnasium, and the Stadium. These buildings are modern in every way and are admirably adapted to the purposes for which they were designed. The Arthur Jordan Memorial Hall is named in honor of Arthur Jordan, of Indianapolis, who contributed a million dollars toward its construction.
The endowment of the University has always been well invested, yielding an assured income. However, the institution is as yet insufficiently endowed to meet the demands made upon it, and it is hoped that the generous spirit which created and has hitherto sustained it will prompt further provision for its development.

LOCATION AND EQUIPMENT

Indianapolis, the capital of the state, has unusual advantages as the location of a university. The student has constant access to libraries, museums, art exhibitions, concerts, lectures, and other cultural influences. The city with its many diversified interests offers exceptional opportunity for educational, industrial and scientific research.

The Museum of the University contains valuable material for illustrating the sciences of zoology, mineralogy, and geology. Specimens have been obtained by purchase, by contribution from friends of the institution and from the National Museum; a large number has been collected by professors in this department.

All laboratories are well equipped and each has its own working library. Additions are being constantly made to the apparatus and equipment of these laboratories.

The University Library contains at present approximately 63,000 volumes, of which 9,400 are housed in the Teachers’ College Library. In addition, government documents and reports are estimated at 6,000 volumes.

The Library has received from Mr. William F. Charters of Indianapolis a very generous gift, the South Sea Island Library, containing 3,000 books and pamphlets of a scholarly nature.

By a special arrangement with the Indianapolis City Library Board, students have free access to libraries aggregating 502,971 volumes. In addition to this the State Library, containing 154,968 books, 59,666 pamphlets, and 3,625 maps, is open to students, who find it valuable for special research.

The University Library receives 386 of the best publications, weeklies, monthlies, and quarterlies, of this country and Europe.

ENDOWED CHAIRS

1869—The Demia Butler Chair. In this year Ovid Butler subscribed a fund with the stipulation that a chair, known in memory of his daughter as the Demia Butler Chair, should be maintained and that it should always be filled by a woman professor. Demia Butler was the first woman to receive an A. B. degree from the North Western Christian University. She was graduated in 1862, was married in 1865, and died in 1868. This was the first college chair endowed at this University and the first in this state for a woman. The following women have held this chair: Catherine Merrill, Harriet Noble, Flora Bridges, Marietta Kies, Martha McClure, and, since 1918, Evelyn Butler

1872—The Jeremy Anderson Chair of Greek. Professor Anderson in this year arranged in his will a legacy for a chair of Greek to be known as the Jeremy Anderson Chair. John O. Hopkins was the first holder; later
Demarchus C. Brown. Janet M. Macdonald is the present occupant of the chair.

1890—The Armstrong Chair of Germanic Languages was endowed by Mr. and Mrs. A. F. Armstrong. Their son-in-law, Thomas Carr Howe, held this chair from 1890-1910; George Danton, 1910-1914. Milton D. Baumgartner, appointed in 1914, is the present occupant of the chair.

1909—The Catherine Merrill Chair of English Literature was partially endowed by subscription from students and friends of Catherine Merrill, Demia Butler Professor 1870-1883. Miss Catharine M. Graydon occupied this chair from 1909 to 1930.

1916—The Reeves Chair of Biblical Literature was endowed by Marshall T. Reeves as a memorial to his father and mother. William C. Morro held this chair from 1916-1924. Frederick D. Kershner, appointed in 1924, is the present occupant.

1925—The Goodwin Chair of New Testament Language and Literature was endowed by Clarence C. Goodwin. Bruce L. Kershner was appointed to this chair in 1925.

SCHOLARSHIPS

The Alumni Scholarship Fund is made up of voluntary contributions by the alumni to pay the tuition of a worthy student, or students, who without this assistance would not be in College.

Senior Scholarship. The University annually awards three scholarships to be used in the senior year: one valued at $200.00 and two valued at $100.00 each. These awards are made to the three members of the junior class who have the highest scholastic standing.

The Rhoda Selleck Scholarship Fund of $2,500.00 was established by the friends of Miss Selleck, in memory of her inspiring work as a teacher of art at Shortridge High School.

The Indianapolis Police and Firemen’s Scholarship. Two scholarships of $250.00 each are awarded to graduates of the Indianapolis high schools who are sons or daughters of members of the Indianapolis Police or Fire Departments. The scholars are selected by a committee appointed by the Mayor.

College of Religion Scholarships. Through the beneficence of its friends, the College of Religion has at its disposal scholarships which provide free tuition, not to exceed $200.00 for a single academic year, for college graduates who are enrolled in the College of Religion. A limited number of scholarships are also available for undergraduate students in the College of Religion.

Application for a scholarship should be made at as early a date as possible to the Dean of the College of Religion, on a special blank form which may be secured from the College office. The College earnestly solicits additional scholarship funds from friends who may desire to help in this way in providing for the training of young men and women in Christian service.
STUDENT LOAN FUNDS

The Arthur Baxter Fund of $1,230.00, established by Mr. Arthur R. Baxter of Indianapolis.

The 139th Field Artillery, U. S. A., Fund of $930.00 given to the University under the direction of Colonel Robert L. Moorhead.

The Philo Sherman Bennet Loan Fund of $531.00.

The Sawyer Student Loan Fund of $50,000.00 was established in 1926 by a bequest made by Edward W. Sawyer. This fund is used to assist deserving young men in the junior or senior year.

The John Newcomb Wright Memorial Fund of $2,000.00 was established by Mr. and Mrs. John S. Wright in memory of their son, John Newcomb Wright, a former student of the University. The income from the fund is loaned to aid students in meeting the expenses of their education.

The Ruth French Scholarship Fund in the amount of $5,500.00 was established by Mrs. Ruth French, of Brookston, Indiana, and is for the benefit of women students.

ALUMNI ASSOCIATION

The Alumni Association is composed of all persons holding degrees granted by the University and of former students elected to membership by the executive committee. The control of the affairs of the association is in the hands of an executive committee made up of the officers elected in June by the association, and two additional members, one appointed by the President of the University, the other by the executive committee. The Butler Alumni Quarterly is issued by the association. An annual fee of $2.00 is expected from every member, and to those paying this fee are sent all alumni publications. The regular alumni meeting takes place on the Saturday before Commencement Day. The association’s office is situated in the east wing, second floor, of Arthur Jordan Hall. The officers of the association for 1931-32 were: Frank F. Hummel, ‘93, president; Henry Stewart Shell, ‘90, vice-president; Katharine M. Graydon, ‘78, secretary emeritus; Sarah T. Sisson, ‘23, secretary; Edward Clark, ‘96, treasurer; Mrs. Everett Schofield, ’09, John F. Mitchell, Jr., ’06, members of the executive committee.

Officers for 1932-33—Dr. Daniel W. Layman, ’93, President; Harold B. Tharp, ’11, First Vice-President; Rev. E. P. Wise, ’87, Second Vice-President; Sarah T. Sisson, ’23, Secretary-Treasurer.

Honor Society

Phi Kappa Phi—A chapter of Phi Kappa Phi, national honorary scholarship society, was installed at Butler University on April 20, 1922. Its primary object is to stimulate a pride in intellectual achievement on the part of students and to give the search for knowledge its legitimate place among their varied interests. With this in view, Honor Day is held in May each
year under the auspices of the society. At this time recognition is given to the academic achievements of the year, and a speaker who is recognized as an outstanding scholar in his particular field delivers an address. Membership is attained through election by the faculty members from students who are in the upper tenth of the senior class.

The officers of Phi Kappa Phi for the year 1931-'32 were as follows: President, Professor Paul L. Haworth; treasurer, Assistant Professor Juna Lutz; secretary, Helen Hoover.

UNIVERSITY ORGANIZATIONS AND ASSOCIATIONS

The Student Council—Six seniors, one of whom is president, four juniors, and three sophomores, comprise the Council, a governing organization representing the entire student body. The members are elected by preferential ballot each spring. The Council has charge of class elections and activities, Drift elections, and all-school elections; it has certain control over the finances of all campus organizations; and in general is responsible for the "management of student affairs and for the settlement of student problems".

The Woman's League—Every woman student, faculty member or official, by virtue of her affiliation with this University may be a member of the Woman's League. Voting membership requires a semester fee of twenty-five cents.

The Men's Union—Men students, faculty members and officials are eligible to membership upon application. Dues are one dollar a year.

Christian Association — The Young Men's Christian Association and the Young Women's Christian Association are organizations open to all students for the purpose of promoting religious interest on the campus. Weekly meetings are held and extensive programs of work are carried on through committee chairmen. Opportunity for social service work is given through relations with The Family Welfare Society, The Community Fund, and the hospitals of the city.

The Indianapolis Intercollegiate Cosmopolitan Club—The club seeks to foster a spirit of international good will and to promote a friendly relationship between the different national groups represented on the campus and the native American students. Butler students from all lands, including the United States, are eligible for membership. The club is associated with the Corda Fratres Association of Cosmopolitan Clubs of the Universities and Colleges of America, and is affiliated with the Student Branch of the Young Men's Christian Association.


The Women's Athletic Association—The purpose of this national organization of University women is to promote the efficiency of the women of the University by developing school spirit and fellowship in athletics. Any Uni-
versity woman who is enrolled in the Department of Physical Education or who has completed the required two years, is eligible to belong when she has secured 100 points. To remain in the Association she must secure 50 points a year. The Association meets once each month.

The International Relations Club was organized in 1926. The purpose of the club is to create among students of the University an interest in international affairs by giving them the opportunity to hear persons of outstanding importance discuss questions relating to such affairs. In the spring of 1930, the club became affiliated with the Carnegie Endowment for the Promotion of Peace. Membership is open to all students of Butler University.

Honorary Scholarship

Phi Eta Sigma—The aims of this organization are to encourage and reward good scholarship among freshman men. Members are elected for initiation purely on a basis of scholarship, 33.75 grade points being required. The Butler University chapter was founded in 1931 and at that time became one of the thirty-one chapters of the national fraternity. Personal interviews and several social functions are undertaken for the freshmen during the year. A similar organization for freshmen women is being planned.

Speech Honorary

Pi Epsilon Delta is the local chapter of the National Collegiate Players. Membership in Pi Epsilon Delta is based upon grade points and work of merit in Thespian plays.

Miscellaneous

Scarlet Cr—consists of ten senior women who have ranked high scholastically and have been prominent in supporting worthy college enterprises.

Chimes is an organization of eight junior women elected on the basis of significant participation in college activities and prominent for co-operation, loyalty and leadership. The purpose of the group is to aid freshmen women in adapting themselves to the university life.

*Scarf Club consists of one representative from each sorority and ten non-sorority women. All members are chosen from the freshman class at the beginning of the year on the basis of scholarship and character.

Blue K—consists of ten senior men who have been especially prominent in college activities during their junior year.

*Torch is a sophomore organization composed of one representative from each sorority and a corresponding number of non-sorority women. Its purpose is to promote acquaintance among women of different groups on the campus. All members are chosen from the freshman class at the close of the year on the basis of scholarship and character.

*Scarf Club and Torch are in the process of reorganization.
Trianon was organized in 1926 as an open membership club under the name of the University Club. In 1930 it affiliated with Trianon, a national non-sorority organization.

**Departmental Clubs**

**Band**

Kappa Kappa Psi, national college band fraternity for men, established a chapter at Butler University on May 30, 1929. The fraternity arranges for concerts and tours.

**Botany**

Botany Journal Club meets bi-weekly for discussion of current botanical literature. The meetings are open to all interested, but active membership is limited to advanced students in the department who elect the work for the regular college credit. (See course 351, Botany Department.) Each member is assigned a particular phase of the subject and it is his or her task to keep the other members informed of the literature published in that field during the current year.

**Chemistry**

The Catalytic Club is composed of upperclassmen and freshmen, whose grades are above B. The program consists of papers and reviews prepared and presented by the members. Individual choice as to source and content of papers is exercised. Members acquire a broader knowledge of chemistry than the class room affords, and secure training in oral expression. Meetings are held bi-weekly.

The Chemistry Club is composed of instructors and all present or former chemistry students and has for its purpose: to show the vital importance of chemistry in every phase of life; to provide ideas as to opportunities and requirements for success in chemical professions; to further interest in chemistry in the department and the University; and to promote acquaintance and fellowship among the students. To these ends, one or more lecturers from other institutions are brought before the club each year.

**Classical Languages**

The Classical Club is open to all students electing courses in Latin or Greek. Monthly meetings are held and many interesting programs presented. The club affords opportunity for friendly intercourse among members and for acquaintance with many aspects of classical study.

**Economics**

The Commerce Club is an organization of men students in the Economics and Business Administration department. Membership is open to
students majoring in that department. The club offers practical training in business through contact and talks with Indianapolis business men. Many local inspection trips are made, and an annual out-of-town field trip is taken to observe some particular industry or to study factory methods.

The Alfred Marshall Honor Society was founded in January, 1931. Membership is limited to students of high scholastic record who are majoring in Economics or Business Administration. Membership is by invitation only.

Education

Kappa Delta Pi, national honorary educational fraternity, was established on the Butler campus in June, 1931, as an outgrowth of the Butler University Student Teachers’ Association, which was founded in 1923. Prospective teachers, who are graduates, and senior members of the department of education, who have a "B." average, are eligible for active membership. The monthly meetings, held from October to May, are frequently addressed by prominent educators. The organization is sponsored by Dr. Richardson and Dr. Shultz.

English

The Poetry Club has as its nucleus a group of students from the courses in Contemporary Poetry and Verse Composition. The club is open, however, to others—students, instructors, or friends of the University who are willing to submit manuscripts to the club for consideration. Meetings are held once a month, the programs being alternately talks by writers and criticism of original verse by members. There is no formal organization.

German

Der Deutsche Verein is an organization of students in the German department meeting monthly. It offers opportunity for speaking German, singing student songs, and becoming familiar with German poetry, plays, and legends. One play is given each year.

History and Political Science

History and Political Science Club primarily for students majoring in the department of History and Political Science is to develop interest in historical scholarship and to discuss current topics.

Journalism

Kappa Tau Alpha, national scholastic journalism fraternity, established a chapter at Butler University in May, 1929. The purpose of Kappa Tau Alpha is to promote scholarship in journalism. A prize of twenty-five dollars is given each year for the best work in journalism.
Theta Sigma Phi, national professional journalistic fraternity for women, established a chapter at Butler University on February 1, 1926. It engages in a number of literary activities each year. It gives the Matrix Table each year and publishes the May Day edition of the Butler Collegian.

Sigma Delta Chi was organized as a national professional journalistic fraternity, established a chapter at Butler University on January 21, 1926. The fraternity has for its aim the promotion of journalistic activities on the campus and the establishing of contacts with newspapers and magazines. Membership is limited to men.

Mathematics

The Mathematical Club was organized by the students in the Department of Mathematics. Its purpose is two-fold: to give opportunity to all students in the department to become acquainted, and to consider and discuss current mathematical topics. Regular meetings are held on the first Thursday of each month. Papers are read and discussed and occasionally lectures are given by someone prominent in the field of mathematics. All students in the department are eligible to membership.

Philosophy

The Philosophy Club is open to all students interested in the discussion of problems of a philosophical nature. Meetings are held every other Tuesday evening.

Religion

Ichthus Society is a religious club in the College of Religion exists for the benefit of all men ministerial students in the University. The purpose of the society is to promote fellowship as a means of intellectual, social and religious stimulus to all.

Romance Languages

Le Cercle Francais meets regularly during the college year. Membership is limited to those who have had one year or more of French in college or an equivalent amount of French in high school. A grade of not less than B- in French is also required. The members have an opportunity to speak French, to hear French lectures and informal talks.

Il Circolo Italiano was organized in the fall of 1928. Membership is open to those who are taking or have taken Italian in the University. Meetings are held every month with a special program of music, singing, and talks; a play is given each year. Opportunity is offered for informal discussion on Italy’s place in the realm of letters and art. Members of the club have an Italian table at the campus cafeteria.
ORGANIZATIONS AND ASSOCIATIONS

Speech

Thespis is a club organized as a stepping-stone into Pi Epsilon Delta. Membership in Thespis is open only to those who have had work in the Speech department.

Zoology

Zoology Club is open to all persons in the college who are interested in zoology. The regular meetings are devoted chiefly to reviews of recent biological literature, but occasional addresses by visiting scientists are included in the annual program. The Zoology Club Scholarship, inaugurated in 1916, is awarded each year to a member of the club, who is sent to the Summer School of the Marine Biological Laboratory, Woods Hole, Mass. The scholarship pays for a table at the laboratory and covers traveling expenses to Woods Hole. The Board of Directors assists the club in maintaining this scholarship.

STUDENT ACTIVITY REGULATIONS

All student organizations and enterprises are under the direct supervision of faculty committees appointed by the President of the University.

For Student Council regulations see Butler University Student Handbook. A student activity file is maintained in Room 164 for the convenience of students and the faculty committees in charge of student affairs. This file lists all student parties one week beforehand according to faculty ruling; and all athletic, dramatic, oratorical and similar events, if filed, avoid conflict of dates and are given Collegian announcement.

Participation in Outside Events

Students planning to take part in outside activities which entail time, work, and preparation must arrange for such special outside activity by filing a card indicating the same in the regular student activity file.

A student, in order to represent the college in any way or to hold office in a college organization, must have earned during the last semester of attendance at college as many hours as the total number of hours for which he was enrolled and must not be failing in any course in which he is enrolled at the time of the election.

Special Athletic Regulations

University Athletics—Participation in athletics is subject to regulation. Special students and those on probation are not eligible for membership on any athletic team. All other students must comply with the following rules of eligibility:
1. To become eligible for membership on any team representing the University an athlete is required to complete a residence of 36 weeks (2 semesters) as a student regularly enrolled in Butler University; and he must also have to his credit at least 24 hours academic work at Butler University before he can participate.

2. To continue eligible he must earn as many credit hours as the total number of hours for which he was registered in the last semester preceding his participation.

If he becomes deficient through a condition (E) or an incomplete (I) in any part of the total number of hours for which he must earn credit in order to be eligible, he thereby becomes ineligible immediately for further competition and he must make good that deficiency before his eligibility is restored. If he fails (F) in any part of the total number of required hours, he immediately becomes ineligible for competition and his eligibility will not be restored until he has earned credit hours equal to those of his failure in the required work.

3. He must carry from 12 to 16 hours for which he is regularly enrolled (see page 39), and do his work to the satisfaction of his instructors.

Freshman Athletics—Freshmen are not permitted to compete on "varsity" teams. They may, however, in accordance with the rules of the Indiana Intercollegiate Conference, compete in a limited number of games with freshman teams of other colleges. The following rules must be observed:

1. A student who becomes a candidate for a freshman team must have met the requirements for admission to freshman standing at Butler University (see page 36) and must be regularly enrolled as shown by a receipt from the Secretary.

2. He must carry at least 12 hours and do his work to the satisfaction of his instructors. A failure or a condition will render him ineligible immediately and until his deficiency has been made good.

3. No special student may be a member of a freshman team.

Intercollegiate Athletic Relationships—Butler University is a member of the Missouri Valley Conference of Faculty Representatives, which comprises besides Butler University, Grinnell College, Drake University, Washington University, Creighton University, and Oklahoma College of Agriculture and Mechanical Arts. It is also a member of the Indiana Conference which comprises the colleges of Indiana, more than twenty in number, and having intercollegiate sports.

The intercollegiate athletic regulations of Butler University are governed by the rules of these two organizations and the standards of the North Central Association of Colleges and Secondary Schools.

Prizes

Prizes of various sorts are offered by the University each year.
(1) Literary Production of High Merit.

Prize awards of $25.00 each are offered for the best production in short story, play, and poem.

In case any production is not of sufficiently high merit to justify the award, the University reserves the right to reject all offerings. The awarding of these prizes is under the supervision of the Faculty Committee on Student Activities other than athletics. All productions must have been written expressly for these contests. Manuscripts must be submitted on or before March 25, 1933. Open to all undergraduate students.

(2) Oration.

- First prize: $10.00
- Second prize: 5.00

(3) Peace Oratorical.

- First prize: $10.00
- Second prize: 5.00

(4) Constitutional Oratorical.

- First prize: $10.00
- Second prize: 5.00

Dates of the above contests to be announced by the Department of Speech.

Honor Day

On the day designated as Honor Day special exercises are held in honor of the senior class, the new members of Phi Kappa Phi, and those who have won distinction in debate, oratory, and literary composition. Prizes are awarded and an address is given by a scholar outstanding in his field.

The Student Budget

The Student Budget was inaugurated at Butler to provide a systematic method of meeting the numerous demands for money made on the student body and faculty of the University. The budget is subscribed at the time of registration and no further requests for funds are made during the year, all appeals being referred to the Student Council Budget Committee for action.

In 1929, with the formation of the Student Council, the Student Budget was placed under the control of that body. A council committee was formed to supervise the yearly campaign and to make recommendations concerning disbursements. This committee has been augmented by a student committee.

Organizations contributing to the budget and participating in the drive are eligible for benefits. Such projects as football banquets, student handbooks, scholarship funds, and sponsorship of prominent speakers have been aided or entirely financed by the Student Budget.
Auditing Accounts

The accounts of all student organizations that receive money from students or from the public must be submitted to Professor George F. Leonard, Chairman of the Auditing Committee, once a year and often if called for by the committee.

Publications

1. The Butler Collegian—A bi-weekly newspaper published in the interests of the students of Butler University. It is operated under the general direction of the Department of Journalism of the College of Liberal Arts and Sciences, and distributed to all students gratis.

2. Butler University Bulletin—A University publication issued at intervals during the college year. It is devoted exclusively to official announcements and catalogues of the various departments of the University.

3. The Butler University News Bulletin—A monthly publication is issued by the University and distributed gratis to alumni and friends of the institution.

4. The Butler Alumnal Quarterly—The official publication of the Butler University Alumni Association, edited by Miss Sarah Sisson, Secretary-Treasurer, Arthur Jordan Memorial Hall, Butler University.

5. The Drift—The annual of the junior class of the College of Liberal Arts and Sciences.

Oratorical Contests and Debates

Eight colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to encourage students to write and deliver orations. Preliminary contests are held annually to decide upon a representative for the state contests. The successful contestant in the state contest represents the state of Indiana in the Inter-state contest, composed of ten western states. Butler University also enters the State Peace Oratorical contest and the National Intercollegiate Oratorical contest on the Constitution.

The University maintains instruction in debating for both men and women, and debating contests for both are arranged with leading colleges and universities.
GENERAL INFORMATION
Room and Board for Students

Assignments to rooms must be made through the University.

Men students, not living in fraternity houses, may obtain assignment to rooms near the campus through the Bureau of Housing. Approved rooming houses for women students are listed in the office of the Women’s Council. All women students not living at home, with near relatives, or in sorority houses must live in these approved houses. Women students engaging rooms in other than approved houses or changing without permission of the Women’s Council will be placed on probation until they have met the college requirements. Permission for out-of-town women students to live anywhere except in the University sorority houses must be obtained at the office of the Women’s Council, Room 164.

Fraternities and sororities must obtain the official sanction of the Women’s Council before considering applicants for house mothers. Lists of approved house mothers are on file in Room 164.

A physician is employed by the University and is on duty one hour each day in room 103. A woman physician and a registered nurse are employed to assist in maintaining the health standard among women students.

Aid and Self-support

While the University cannot guarantee employment to students desiring to earn their way, an effort is made by the Employment Department to secure part-time work. All students desiring assistance in securing employment should register with the Employment Department immediately upon entering the University. In a city the size of Indianapolis there are great possibilities for employment and the deserving student should have no great difficulty in earning enough to meet at least a part of his necessary expenses.

The University Bureau of Appointments has charge of the employment of all students. There are many opportunities for students to work near the campus for room and board.

Ministerial students find here exceptional facilities for self-support, owing to the location of the University at the center from which railways and interurban lines radiate to all parts of the state, and owing to the large number of churches within a convenient distance which depend upon student preaching. Students who have had experience in preaching or in other church work will be recommended for positions which they are qualified to fill with churches within reach of Indianapolis. The College of Religion keeps a record of available churches, and also of ministerial students who desire locations for preaching. In order to secure the benefit of this service, application should be made to the Dean of the College of Religion for a Student Preacher’s registration Blank. These blanks should be secured and filled out at the earliest possible time, in order that the information may be available in case suitable opening arises before the arrival of the student in Indianapolis.
Fees and Expenses

The college year consists of two semesters of eighteen weeks each. The unit of instruction is the semester hour, which signifies one recitation a week throughout a semester, or an equivalent.

For fees in the College of Education see the Bulletin of the College of Education.

For fees in the College of Religion see the Bulletin of the College of Religion.

The fees payable to the University on account of instruction for each semester in Butler College are as follows:

INSTRUCTION FEES:
7 to 16 hours inclusive............................... $100.00
6 hours or less......................................... 50.00
For each hour in excess of 16........................ 6.25
Courses open to graduate students—rate per hour of credit ........................................ 6.25

LABORATORY FEES:
In addition to the instruction fees above listed, charges as indicated in the departmental schedule of courses are made for laboratory, breakage or damage to apparatus, use of more expensive materials, and other special fees.

ALL LABORATORY FEES ARE PAYABLE STRICTLY IN ADVANCE.

BOTANY:
Courses 101, 102, 345, 363, 364, 366................ $ 7.50 per semester
Course 367 ........................................ 10.00 per semester
Courses 301, 303, 354 (per credit hour)........... 2.00 per semester
Graduate Courses, fees arranged.

CHEMISTRY:
All courses ........................................... 10.00 per semester
(Except 3 hour Organic Course, $13.00.)

EDUCATION:
Course 431 ........................................... 20.00 per semester

HOME ECONOMICS:
Courses 101, 101a, 102, 305, 306..................... 6.00 per semester
Courses 331, 332, 339................................ 3.00 per semester
Courses 333, 334, 335, 336............................ 1.00 per semester

JOURNALISM:
Courses 202, 204, 325, 326............................ 5.00 per semester
Courses 330, 335, 336, 342........................... 2.00 per semester
Courses 331, 333, 334................................ 3.00 per semester

PHYSICS:
Courses 101, 102, 105, 106............................ 7.00 per semester
Courses 103, 104, 305, 306, 501, 502................ 4.00 per semester
GENERAL INFORMATION

ZOOLOGY:
Courses 101, 102, 108, 303, 305, 310, 500, 505...... 6.00 per semester
Course 304 ........................................... 16.00 per semester
(Laboratory—$6.00; breakage—$10.00)
Course 308 ........................................... 10.00 per semester
(Laboratory—$6.00; breakage—$4.00.)
Courses 116, 306, 307, 312 ........................ 4.00 per semester
Courses 114, 313, 314 ................................. 3.00 per semester

MISCELLANEOUS FEES:
HEALTH AND RECREATION Fee ......................... 3.50 per semester
(To be paid by all students for physical examinations, a limited amount of medical aid including services and advice of the University physician and nurse, admission to all collegiate and intercollegiate athletic contests, on the campus under the direction of the University.)

DEFERRED PAYMENT CARRYING CHARGE .................. 2.00 per semester
(Chargeable to all students whose fees are not fully paid at time of registration.)

LATE REGISTRATION:
For each day's delay after the date appointed, $1.00. (Total not to exceed $5.00.)

CHANGE IN REGISTRATION:
For a change in registration after matriculation, $1.00.

SPECIAL EXAMINATIONS:
For each special quiz, $1.00.
For each special examination, $2.00. (Maximum charge, $5.00.)

GRADUATION FEES:
College of Liberal Arts and Sciences.
   Bachelor of Arts .................. $ 5.00
   Bachelor of Science ............... 5.00
   Master of Arts .................. $10.00
       Binding of Thesis ..........  2.00  12.00
   Master of Science ............... 10.00
       Binding of Thesis ..........  2.00  12.00

College of Religion.
   Bachelor of Sacred Literature ....  5.00
   Bachelor of Divinity ............. 10.00
       Binding of two copies of Thesis...  4.00  14.00
   Master of Arts .................. 10.00
       Binding of two copies of Thesis...  4.00  14.00

College of Education.
   Bachelor of Science ............... 5.00
   Master of Science ............... 10.00
       Binding of two copies of Thesis...  4.00  14.00

Other Degrees.
   Bachelor of Music .................. 10.00
   Bachelor of Fine Arts .............. 5.00

Fees are subject to change as conditions necessitate; such changes take effect at once and apply to students already enrolled.
REGULATIONS REGARDING WITHDRAWALS AND REFUNDS:

Withdrawals: All withdrawals must be made through the office of the Dean of the College in which work is carried.

Refunds: Cash refunds to students who carry a full schedule, and who have paid the regular $100.00 fee at time of registration are made only as follows upon written application to the Dean and on the basis of the date application is received, not from date of withdrawal from class:

For withdrawal within first or second week....10% will be charged
For withdrawal within third week ............20% will be charged
For withdrawal within fourth week ............30% will be charged
For withdrawal within fifth week ............40% will be charged
For withdrawal within sixth to ninth week ....50% will be charged
For withdrawal after ninth week ............100% will be charged

No part of instruction fees will be refunded if the student withdraws after he has been in College nine weeks or longer.

No part of laboratory fees will be refunded except upon written recommendation of the Head of the Department.

REGULATIONS REGARDING DEFERRED PAYMENT OF FEES:

Students paying tuition on an installment basis who withdraw before the account is paid in full are not relieved from payment of the amount due but are chargeable as set out in the above schedule.

IRREGULAR STUDENTS:

Students carrying less than a full schedule and paying less than the full tuition fee will be reimbursed upon a basis arrived at after an investigation, by the Secretary, of each individual case.

TRANSCRIPT OF CREDITS:

One official transcript of credits secured from Butler University will be made without charge. A fee of $1.00, paid in advance, is charged for each additional transcript.

LIVING EXPENSES:

Good rooms near the campus rent for $2.50 to $5.00 a week. In most homes breakfast is furnished at from $1.50 to $2.00 a week. Board and room at the same house is usually $10.00 a week. A good cafeteria on the campus makes it possible for students to bring their expenses lower.
ADMISSION

REGISTRATION—The office hours of members of the faculty on the days appointed for registration (See Calendar, p. 4) are 8 a. m. to 5 p. m. In order to secure prompt attention, applicants should present themselves on the day and at the hours designated.

New students should send their credentials to the Registrar at least three weeks before the opening of the semester. They will then receive immediately statements of the credits granted.

Admission Requirements—Applicants for admission to the freshman class may enter by certificate or by examination. Admission by certificate is permitted only to graduates of commissioned high schools of Indiana and to those of other approved preparatory schools. Applicants for admission by examination must furnish acceptable evidence of equivalent preparation. Testimonials as to character, personality, and ability may be required of all applicants.

Admission credits are reckoned in units. A unit is the equivalent of a course of study of five periods of recitation per week extending through one full year of not less than thirty-two weeks. Two hours of laboratory work are regarded as equivalent to one hour of prepared work. No fractional units are credited except as indicated hereafter.

Fifteen units, as specified below, are required for admission to freshman standing. Of this number, five are prescribed and ten are elective.

Admission by Certificate—Graduates of commissioned high schools of Indiana and of other standard secondary schools accredited by the North Central Association of Colleges and Secondary Schools are admitted to the freshman class on presentation of a certificate showing that they have satisfied the entrance requirements. Graduates of such schools who present fifteen acceptable units, including all entrance subjects, are admitted to freshman standing. Those candidates who were in the lowest third of their graduating class will be admitted upon satisfactorily passing an examination designed to indicate aptitude or potential ability to do college work. Such students will be admitted upon probation and may be dropped at the end of six, twelve, or eighteen weeks if their work is not satisfactory. When such students make an average grade of "C" or better for a semester, they will be released from probation.

Admission by Examination—Applicants for admission who are not able to present certificates from approved preparatory schools must take an examination (a) at Butler University, or (b) through the College Entrance Examination Board, or other recognized examining agency. All applicants must furnish satisfactory evidence that they have completed a course of study which meets the entrance requirements both as to time and subjects.

With the permission of the Committee on Admissions, graduates of approved schools who are unable to meet the entrance requirements by certificate may take examinations to remove deficiencies.

Entrance examinations will be held at the beginning of each semester. These examinations may be taken only by special appointment.
Credentials—All applicants must present specific statements of work done. Blanks prepared for this purpose will be furnished on application. Certificates upon which entrance credits are to be granted must be signed by the principal of the school in which the work was done. They should contain detailed statements, not only of the time in each subject, but also the amount of work covered (e.g., four books of Caesar), including the time spent in laboratory work in science, in addition to classroom periods.

Summary of Entrance Subjects

Specified:

- English (Group I) ........................................... 3 units
- Mathematics (Group II) .................................... 2 units
  (Algebra, 1; Pl. Geom., 1)

General:

- Foreign Language (Group III) .............................
- History (Group IV) ...........................................
- Science (Group V) .........................................
- Elective (Group VI) .......................................

Total .......................................................... 15 units

Not more than 4 units will be accepted from any one group, except that 7 will be accepted from group III when two or more languages are offered. Four units of commercial, vocational, and cultural subjects usually taught in commissioned high schools will be accepted, but not less than 1/2 unit nor more than 2 units will be accepted in any one subject.

Credit for participation in classes not organized and conducted as regular day classes will not be accepted.

In addition to the specified requirements, it is highly recommended that two units in one foreign language, one in history, and one in science be offered.

A student deficient in algebra or geometry may be admitted with condition, but this deficiency must be made up before entering upon the second year of residence.

Description of Entrance Subjects

Group I—English

The required work in English (3 units) is equivalent to the usual three years of English, including composition, rhetoric, and literature, as taught in good high schools.

Group II—Mathematics

The required work in Mathematics (2 units) includes algebra to quadratic equations (1 unit), and plane geometry (1 unit). Quadratic equations (1/2 unit), solid geometry (1/2 unit), trigonometry (1/2 unit), and college algebra (1/2 unit), will be credited as electives.

Quadratic equations must be offered by students who wish to take Physics (except courses 101, 103) or Mathematics in college.
Group III—Foreign Language

For each unit of language work accepted for entrance the candidate will be excused from 5 semester hours of the required language work in college, except that he must take at least 10 semester hours of foreign language in college.

- French ............................................. 4 units
- German .......................................... 4 units
- Greek .............................................. 4 units
- Latin .............................................. 4 units
- Spanish .......................................... 4 units

Group IV—History

Credit will not be given for Civics taken in the grades below high school.

a.
- Ancient History .................................. \( \frac{1}{2} \) or 1 unit
- Medieval History .................................. \( \frac{1}{2} \) or 1 unit
- Modern History .................................... \( \frac{1}{2} \) or 1 unit
- English History ................................... \( \frac{1}{2} \) or 1 unit
- American History .................................. \( \frac{1}{2} \) or 1 unit

b. Elective:
- Civics ............................................... \( \frac{1}{2} \) or 1 unit
- Economics ......................................... \( \frac{1}{2} \) unit
- Industrial History ................................ \( \frac{1}{2} \) or 1 unit
- Indiana History ................................... \( \frac{1}{2} \) or 1 unit

Group V—Science

a.
- Physics ............................................. 1 unit
- Chemistry ......................................... 1 unit
- Botany ............................................. 1 unit
- Zoology ............................................ 1 unit
- Biology ............................................ 1 unit

b. Elective:
- General Biology .................................. \( \frac{1}{2} \) or 1 unit
- Physiography ...................................... \( \frac{1}{2} \) or 1 unit
- Botany ............................................. \( \frac{1}{2} \) or 1 unit
- Agriculture ...................................... \( \frac{1}{2} \) or 1 unit
- Zoology ............................................ \( \frac{1}{2} \) or 1 unit
- Physiology ........................................ \( \frac{1}{2} \) unit
- Geology ............................................. \( \frac{1}{2} \) or 1 unit
- General Science .................................. \( \frac{1}{2} \) or 1 unit

Group VI—Wholly Elective

Commercial, Vocational, and Cultural.
Advanced Standing from Other Colleges—Students coming from other colleges or universities may receive advanced standing upon presentation of certificates of the work they have done. It is highly important that these certificates be sent three weeks before the beginning of the semester. They must include: (a) a statement of the work done to satisfy entrance requirements (this statement to come directly from the school where the work was done) and (b) a statement certifying the college credits that have been earned. Such statements should indicate the subjects studied, ground covered, number of weeks, and number of hours of recitation per week. In case of students coming from colleges whose entrance requirements are less than those at Butler University, a sufficient number of college credits will be applied to make good the deficiency. The certificates must be accompanied by a letter of honorable dismissal, and a statement to the effect that the student is eligible to return.

No credit will be given for correspondence work taken after September, 1931.

Special Students—The University discourages persons entering as special students. Such students may, however, be accepted under the following conditions:

1. Persons over twenty-one and under twenty-five years of age who have not met the requirements for entrance may be admitted by passing an aptitude or ability test. A certificate of age must accompany the application for admission.

2. Persons over twenty-five years of age are admitted as special students without examination, on recommendation of the departments in which they wish to do work.

3. Special students are subject to the same regulations as regular students with regard to attendance and to amount and quality of work performed. The faculty may at any time deprive any special student of his privileges if it appears that he is abusing them or neglecting his work.

4. No special student is eligible to represent the University in any intercollegiate contest.

Preprofessional Courses—Students who plan to pursue professional courses in medicine, engineering, and allied sciences may take at Butler University many courses which will prepare them for their future work. Such students should declare their intentions on entering Butler University, and should consult the instructors whose courses are more immediately concerned. Under certain conditions a candidate for the degree of Bachelor of Arts or Bachelor of Science in Butler University may be permitted to take the work of his senior year in a professional school.
REQUIREMENTS FOR GRADUATION

The University confers the following degrees:

Bachelor of Arts; Bachelor of Science in: Science, Science and Mathematics, Business Administration, Education, Home Economics, Journalism, and Religion; Bachelor of Sacred Literature; Bachelor of Divinity; Bachelor of Music (with Arthur Jordan Conservatory of Music); Bachelor of Fine Arts (with John Herron Art Institute); Master of Arts; Master of Science.

I. BACCALAUREATE DEGREES

All Work, to Receive Credit, Must be Done in Class

The normal length of time required for the College course is four years. The period of College attendance can be shortened by taking extra work. (See Extra Hours, below.)

In addition to the entrance units (see page 36 ff), there are required for graduation a minimum of 120 hours of class instruction with as many grade points as hours, and 4 hours of physical education (see page 41). An hour signifies one recitation a week throughout a semester, or an equivalent.

Where laboratory work is carried on, 2 to 3 hours in the laboratory are equivalent to 1 hour in the classroom.

Hours per Week—Students, as a rule, will register for work to the total value of 15 or 16 hours each semester. No student may take fewer than 12 hours without the consent of the Dean of his College. Freshmen may not take more than 6 hours and two courses, and sophomores not more than 8 hours and two courses, in one department during one semester. No student may take more than 20 hours during one semester. For each additional hour above 16 a fee of $6.25 is charged. These restrictions do not apply to courses in Physical Education required for graduation.

Extra Hours—Students who desire to carry more than sixteen hours must petition the Committee on Extra Hours. Petitions should be filed at least three weeks before the opening of a semester. No petition will be received after the first two weeks in any semester.

Upper and Lower Divisions

For the purpose of administration and the classification of courses as to character and contents, the college is divided into upper and lower divisions.

(a) For admission to the lower division, a student must meet the requirements for admission to the University.

(b) For admission to the upper division, the student must have met all the specific requirements of the lower division, and have made a minimum of 60 hours of credit with as many grade points as hours, and, in addition, 4 hours of credit in physical education.
A student who has obtained 60 hours of credit but lacks specific requirements or grade points necessary for admission to the upper division may be granted a probationary period of one semester, at the end of which time he must have completed his specific requirements, and have to his credit as many grade points as hours. Failure to meet this requirement will debar students from further registration for work toward a degree. A student admitted to the upper division must complete, for graduation, a minimum of 60 hours, with as many grade points as hours, in addition to the work necessary for admission to the upper division. 40% of the credit presented for graduation must be in courses numbered above 299.

**Graduation Honors**

The following regulations concerning graduation honors have been adopted by the faculty:

1. Students who complete all requirements for graduation including at least 90 hours in Butler University during their sophomore, junior, and senior years, and who maintain an average grade of 2.3 grade points during this period, will receive the distinction *cum laude*.

2. Juniors who have completed at least 47 hours of sophomore and junior work in Butler University with an average grade of 2.3 grade points may become candidates for the distinction *magna cum laude*.

Such students must file an application with their major professor, and give notice of their candidacy to the chairman of the Committee on Graduation Honors not later than March 15.

The major professor shall submit to the Committee on Graduation Honors, not later than April 1st, a program of special study to be pursued by the candidate. This plan shall be approved or disapproved by the committee not later than April 15.

After he becomes a candidate for honors, the student must maintain an average of 2.3 grade points in his studies and he must complete his special work in a satisfactory manner. On or before May 1st of the candidate's senior year the major professor shall submit to the Committee on Graduate Study a statement of the character and extent of the work done by the candidate. Unless this statement is satisfactory, the distinction will not be conferred.

3. A student who is not eligible at the beginning of the second semester of his junior year may become a candidate for the distinction *magna cum laude* at the end of the year, provided he shall have completed at least 62 hours of sophomore and junior work in Butler University with an average grade of 2.3 grade points.

Tentative application must be made to the major professor and to the Chairman of the Committee on Graduate Study, not later than June 10. Other details will be arranged by agreement with the Major Professor and the Committee.
Grading System

Reports—Each instructor makes a report at the end of six weeks concerning each student. This report is based upon daily oral and written work, formal and informal tests, papers, and reports, at the discretion of the instructor. A similar report is made at the end of twelve weeks.

Examinations—Regular class examinations are held at the close of each semester.

Special examinations are held each semester as announced in the calendar, page 4, and all such examinations shall be held on the specified dates unless permission is given by the Administration to do otherwise. With the consent of the instructors, special examinations may be taken: (a) by conditioned students; (b) by those who who were unavoidably absent from the regular class examinations.

A student who receives a passing final grade in any course cannot take a second or special examination to raise his grade.

For the privilege of taking a special examination a student must pay to the Secretary of the College a fee of $2.00 for each subject in which an examination is taken. In any case, however, the total charge for such examinations will not exceed $5.00 in any one semester.

A student who is absent from a six-weeks’ quiz may, with the permission of the Dean, take a special quiz. For this privilege the student must pay to the College a fee of $1.00.

Grades and Grade Points—Occasional tests keep the student informed as to the kind of work he is doing. At the end of the semester he receives in each course a final grade, which is determined by the class grade and the final examination.

All grades are recorded by letters, as indicated below.

For convenience in determining the rank and the grade of scholarship of a student, the following system of grades and grade points has been adopted:

A (Superior, indicating not only high achievement, but also an unusual degree of intellectual initiative) 3 grade points per hour of credit.

A— (Superior, indicating high achievement and high degree of initiative) 2.5 grade points per hour of credit.

B (Distinctly good, indicating excellent comprehension and mental industry) 2 grade points per hour of credit.

B— (Good) 1.5 grade points per hour of credit.

C (Fair) 1 grade point per hour of credit.

C— 0.5 grade point per hour of credit.

D (Poor) No grade points.
E  (Condition) A condition not removed within one semester becomes a failure.

W  Withdrawal from course.

WF If student is failing when he withdraws from a course.

F  Failure.

I  (Incomplete) Indicates work of satisfactory grade but not complete in all details. An incomplete not made up within one semester becomes a failure.

Absences

a. Absences Without Penalty—A certain number of absences may be taken without penalty: Five in a 5-hour course, three in a 3-hour course, and two in a 2-hour course per semester.

Students who are eligible to participate in intercollegiate athletics or other intercollegiate activities are excused for absences made necessary by such participation, provided that the number of absences thus made necessary is in excess of the absences allowed without penalty.

b. Penalties for Excessive Absence—For absences in excess of the number allowed the following penalties apply:

1. All absences shall accumulate from the time of admission to college, and one hour of credit, together with one credit point, shall be deducted from the student’s credit for each eighteen absences so accumulated, or for a major fraction thereof. Absences incurred in a course in which the student fails shall not count under this rule.

2. Absences on the two days before and the two days following vacations shall be counted as double absences.

Summary of Requirements

Minimum Requirements:

120 hours and as many grade points as hours for graduation.

90 hours and as many grade points as hours for full senior standing.

60 hours and as many grade points as hours for full junior standing.

30 hours and as many grade points as hours for full sophomore standing.

Four hours of Physical Education, two periods per week for the first two years, are required for graduation, except in case of disability.

Deficiencies—In order to maintain his class standing, a student must obtain an average credit of 15 hours each semester, with an equal number of grade points; he must also avoid penalties for absence which will reduce his standing. If he acquires credit for work below C, he receives no grade points, but the loss of these may be balanced by higher grades (B or above) in other courses. Failure to maintain his standing in the early part of the course
must be made good by better work in the latter part of the course. In no case, however, may a student with grade point deficiencies (i.e., less than one grade point per hour of credit) be transferred from the lower to the upper division.

Freshmen who fail to make a passing grade in 40 per cent or more of their work in any semester, and advanced students in 50 per cent, thereby become ineligible to continue in residence the following semester.

A condition may be removed by special examination, but the final grade will be merely passed, or not passed, and no grade points will be given. A condition not removed within one semester becomes a failure.

A student who is absent from the regular examination is marked I (incomplete) or F (failure), according to the grade of his work. (See page 42 for special ruling.) An incomplete becomes a failure, in any case, unless it is removed by special examination within one semester.

A final grade of F is a failure, and credit can be obtained only by repetition of the course.

Semester Reports—As soon as possible after the semester examinations, a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the Registrar of any failure to receive it. These reports should be preserved.

MY COLLEGE

‘My college should have Allston, Greenough, Bryant, Irving, Webster, Alcott, summoned for its domestic professors. And if I must send abroad (and, if we send for dancers and singers and actors, why not at the same prices for scholars?), Carlyle, Hallam, Campbell, should come and read lectures on History, Poetry, Letters. I would bid my men to come for the love of God and man, promising them an open field and a boundless opportunity, and they should make their own terms. Then I would open my lecture-rooms to the wide nation; and they should pay, each man, a fee that should give my professor a remuneration fit and noble. Then I should see the lecture-room, the college, filled with life and hope. Students would come from afar; for who would not ride a hundred miles to hear some of these men giving his selectest thoughts to those who received them with joy? I should see living learning; the Muse once more in the eye and check of the youth.’—RALPH WALDO EMERSON.
2. ADVANCED DEGREES

The College of Liberal Arts and Sciences

1. Master of Arts—The applicant for this degree must hold the degree of Bachelor of Arts. If he has received another degree he must satisfy the requirements for the degree of Bachelor of Arts in Butler University. He should be able to read two foreign languages specified by the major professor and his ability to do so may be tested by an examination in each language. If he fails in this he must take courses in foreign language before he is admitted to candidacy for the degree.

2. Master of Science in Science and Mathematics—A student who desires to become a candidate for this degree must satisfy the requirements for the degree of Bachelor of Science in Science or Mathematics in Butler University and he must complete 30 hours of graduate work in science or mathematics. Approximately 20 hours of this requirement must be chosen in the major department and 10 hours in a minor department, unless the major professor and the Graduate Committee permit the candidate to take a larger part of the required work in the major department.

3. Master of Science in Business Administration—The applicant for this degree must complete 30 hours of graduate work in Butler University, of which 20 hours must be in advanced courses in Economics and Business Administration and the remainder in related subjects in another department. The candidate must hold the degree of Bachelor of Science in Business Administration in Butler University or a bachelor's degree from an institution of equal rank. In the latter case the applicant's preparation must have covered the requirements for the degree of Bachelor of Science in Business Administration in this university.

The College of Religion

Bachelor of Divinity—Students meeting the requirements for entrance upon the course of study leading to the degree of Bachelor of Divinity may be recommended for the degree upon the completion of the following requirements:

The student must complete three full years (90 semester hours) of work chosen from those courses listed as applicable toward his degree, after reaching full senior standing in Butler College, or the equivalent. At least the last 60 hours must be done after having completed the work required for a standard baccalaureate degree from Butler University or from another school of high rank.

The College of Education

Master of Science in Education—The applicant for this degree must satisfy the requirements for a baccalaureate degree. In meeting the requirements for this degree, the applicant may complete his work either with or without a thesis or dissertation.

For additional information concerning graduate degrees, see the catalog of the Division of Graduate Instruction and the professional Colleges of Religion and Education.
SCOPE OF UNIVERSITY OFFERINGS

The annual offerings of the faculties of Butler University are announced in six bulletins, as follows:

1. The College of Liberal Arts and Sciences.
2. The College of Religion.
3. The College of Education.
4. The Division of Graduate Instruction.
5. The Division of Evening and Extension Courses.
6. The Summer Session.

These publications will be sent to interested persons on request.

This bulletin comprises the annual catalogue of the College of Liberal Arts and Sciences for the academic year 1931-32 and its announcements for the academic year 1932-33.

The College of Liberal Arts and Sciences of Butler University, has been in continuous existence since November 1, 1855. The courses of study are designed to afford breadth of culture and liberal training, while permitting a large degree of elasticity in the choice of a major subject. The curriculum leads to the degree of Bachelor of Arts or Bachelor of Science. In some departments advanced courses are offered leading to the degree of Master of Arts or Master of Science.

Administratively the courses in Business Administration and in Journalism are included in this college, as are also the pre-professional courses for law, medicine, and engineering.

ORGANIZATION OF COURSES AND REQUIREMENTS FOR DEGREES

The Degree of Bachelor of Arts

Upper and Lower Divisions

For the purpose of administration and the classification of courses as to character and content, the college is divided into an upper and a lower division.

(a) For admission to the lower division, a student must meet the requirements for admission to the University.

(b) For admission to the upper division, the student must have met all the specific requirements of the lower division (including freshman English, Natural Science, and as much of the foreign language requirements as possible), and have made a minimum of 60 hours of credit with as many grade points as hours, and, in addition, 4 hours of credit in physical education.

A student who has obtained 60 hours of credit but lacks specific requirements or grade points necessary for admission to the upper division may be
granted a probationary period of one semester, at the end of which time he must have completed his specific requirements, and have to his credit as many grade points as hours. Failure to meet this requirement will debar students from further registration for work toward a degree. A student admitted to the upper division must complete, for graduation, a minimum of 60 hours, with as many grade points as hours, in addition to the work necessary for admission to the upper division. 40% of the credit presented for graduation must be in courses numbered above 299.

Lower Division
(Five hours of college credit equal one unit of high school credit.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>25 hours</td>
</tr>
<tr>
<td>Foreign Language (including 2 and not more than 3 languages)</td>
<td>25 hours</td>
</tr>
<tr>
<td>Mathematics</td>
<td>10 hours</td>
</tr>
<tr>
<td>Natural Science (it is recommended that one Physical and one Biological Science be offered)</td>
<td>15 hours</td>
</tr>
<tr>
<td>Social Science</td>
<td>10 hours</td>
</tr>
</tbody>
</table>

Of the above, 10 hours of English, 10 hours of Foreign Language, 10 hours of Natural Science or Mathematics, and 5 hours of Social Science must be taken in college. A total of 60 hours of credit must be obtained with as many grade points as hours, and, in addition, 4 hours of Physical Education.

Upper Division
FOREIGN LANGUAGE

Thirty-five hours including 25 hours in the lower division, with at least 20 hours in one language, are required. For each entrance unit offered, 5 hours may be deducted from the 35 hours required, but every student must take at least 10 hours in college. The total required work for both entrance and college must be divided between not less than two nor more than three languages.

SOCIAL SCIENCE

Sixteen hours, including five hours in the lower division, are required. This may be selected from the following departments with not more than the number of hours designated after each, acceptable toward this total:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archaeology, Mythology, and Courses 401, 402 in Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>Economics</td>
<td>10</td>
</tr>
<tr>
<td>Education</td>
<td>6</td>
</tr>
<tr>
<td>History and Political Science</td>
<td>10</td>
</tr>
<tr>
<td>Philosophy and Psychology</td>
<td>10</td>
</tr>
<tr>
<td>Religious History and Literature</td>
<td>6</td>
</tr>
<tr>
<td>Sociology</td>
<td>10</td>
</tr>
</tbody>
</table>

It is strongly recommended that a course in American Government be included in this group.
MAJOR SUBJECT

(1) At least 30 hours must be taken in one subject, or 40 hours in closely related subjects, 20 hours of which must be in upper division courses.

(2) Students must maintain an average of 1.5 grade points in their major work. This rule will apply to the 1934 graduating class and to succeeding graduating classes.

(3) Liberal Arts students of Butler University may pursue a major in Religious History and Literature in lieu of a major in some department of the Liberal Arts College. Such major must comprise a minimum of 30 semester hours selected from subjects in the College of Religion as approved by the Dean of that college, exclusive of language, Practical Theology and Religious Education.

(4) Liberal Arts students of Butler University may pursue a major in Education in lieu of a major in some department of the Liberal Arts College. Such major must comprise a minimum of 30 semester hours in the History, Philosophy and Psychology of Education, as approved by the Dean of the College of Education.

(5) Students are required to select major subjects at the beginning of the sophomore year and to consult heads of departments before announcing major subjects.

(6) The major subject may be chosen in any of the following fields: Botany, Chemistry, Economics, Education, French, German, Greek, History and Political Science, Latin, Mathematics, Philosophy and Psychology, Physics, Religious History and Literature, Sociology, Spanish, Speech, and Zoology.

ELECTIVE SUBJECTS

Any student who has satisfied the requirements enumerated above may elect the remaining hours from any courses which count toward the A. B. degree, subject to the following limitations:

(1) Not more than 40 hours may be taken in any one subject.

(2) A maximum of 40 hours may be offered from any other college of the University, including not more than 10 hours in strictly professional courses in that college.

(3) All courses must be selected in consultation with the major professor and be subject to his approval.

STUDENTS FROM OTHER COLLEGES

Any student coming from another institution is required to take at least the last 30 hours in residence at this University before receiving the degree.
Evening Courses

No student may complete work for graduation who has not acquired at least 15 semester hours of credit in regular day courses at the University campus.

Standard of Work

The rank and grade of students are determined by the grade point system described on page 41.

Upon the satisfactory completion of the aggregate requirement and the payment of the graduation fee (see page 33), the student may be recommended by the faculty for the degree of Bachelor of Arts.

The Degree of Bachelor of Science

The degree of Bachelor of Science may be obtained in the Natural Sciences; the Natural Sciences and Mathematics; in Economics and Business Administration; in Journalism; in Education; or in Home Economics.

If taken in the Natural Sciences and Mathematics, 60 hours must be offered in these sciences and the student’s major subject must be either a Natural Science or Mathematics.

If taken in Economics and Business Administration, 60 hours must be offered in the social sciences and the student’s major subject must be in Economics and Business Administration.

If taken in Journalism, 20 hours must be offered in the social sciences including American History, Psychology and Sociology, and 20 hours in English, including freshman English and the student’s major subject must be in Journalism.

If taken in Home Economics, 15 hours in English, 10 hours in French, and 56 hours in Home Economics and the Natural Sciences.

The minimum required work in foreign language is 20 hours (2 units and 10 hours). One or two languages must be offered to meet this requirement. At least 6 hours in college must be taken by every student.

Those taking their major subjects in the Natural Sciences or Mathematics must offer at least 15 hours, or the equivalent, in German, and 10 hours, or the equivalent, in French.

In all other respects the candidates for the degree of Bachelor of Science must conform to the requirements for the degree of Bachelor of Arts, including the Upper and Lower Divisions.

Degrees After One Year of Professional Study

Candidates for the degree of Bachelor of Arts or Bachelor of Science may be permitted to spend their senior year in an approved school of medicine, law, or engineering, and may receive a degree from Butler University under the following conditions:
All prescribed subjects and all group requirements of Butler University for the Bachelor’s Degree must be completed before the student enters the professional school.

At least 90 hours, with an equal number of grade points and four hours of physical education, must be acquired in Butler University.

All requirements regarding the major subject must be complied with before the Bachelor’s Degree is granted.

A certificate must be presented from the professional school showing that the student has earned a number of credits equivalent in hours and grade points to the omitted work of the senior year in Butler University.

**Training for Nurses**

A student who has acquired at least 90 hours of credit with an equal number of grade points and four hours of Physical Education in the College of Liberal Arts of Butler University may receive the Bachelor’s degree upon completion of the two-years’ course in the Training School for Nurses at Indiana University Hospitals, the Robert W. Long Hospital, or the City Hospital, all of Indianapolis, provided that the student has met all the requirements of the College of Liberal Arts in required groups, and in addition has satisfied the requirements of some one department in the College as to major subject.

The course of training for nurses will, therefore, represent the thirty hours of credit which Butler University requires of its students in their senior year, in order to place upon the records the one hundred and twenty-four hours of credit necessary to obtain a degree.

By complying with this regulation, a student will be able to obtain her diploma as graduate nurse and her Bachelor’s degree in five years and four months, instead of seven years as would otherwise be the case.

The work of students taking combination courses will be under supervision of a special committee of the faculty.

**BUTLER UNIVERSITY IDEALS**

1. **Scholarship:** The development of all of the faculties of the mind, and the mastery of the essential elements in the entire scope of human learning—a disciplined and well furnished mind.

2. **Culture:** Refined, poised, self-controlled in manner and thought; enlightened and moulded by contact with the good, the true and the beautiful.

3. **Character:** The ability to control one’s conduct in harmony with high personal and social standards and ideals. Christian character must be rooted in universal religious sanctions.

4. **Health:** The body must be developed into a useful agent of the spirit of man.

5. **Service:** The purpose of all discipline is service to the largest social good.

The Butler product has scholarship, culture, character, physical virility and social efficiency.
DEPARTMENTS AND COURSES OF INSTRUCTION

Departments of Instruction

I. Archaeology
II. Band
III. Botany
IV. Chemistry
V. Classical Languages and Economics
VI. Education
VII. English
VIII. Economics
IX. Fine Arts
X. German
XI. History and Political Science
XII. Home Economics
XIII. Journalism
XIV. Mathematics
XV. Philosophy
XVI. Physical Education
XVII. Physics
XVIII. Psychology
XIX. Religion
XX. Romance Languages
XXI. Sociology and Anthropology
XXII. Speech
XXIII. Zoology

Key to Abbreviations and Symbols

When an announced course has not been applied for by at least five students [candidates for a degree] the instructor shall be at liberty to withdraw the course.

The weekly holiday is Saturday.
Bracketed courses will not be offered in 1932-'33.
Semesters are indicated by Roman numerals I and II.
Five-hour (5) courses meet Monday to Friday inclusive.
Three-hour (3) courses meet Monday, Wednesday and Friday.
Two-hour (2) courses meet Tuesday and Thursday, Monday and Wednesday, or Wednesday and Friday.

Courses numbered under 300 are primarily lower division courses.
Courses numbered between 300 and 499 are primarily upper division courses, but may be taken by sophomores whose credit points average 2, or who receive special permission from the head of the department concerned.
Courses numbered above 499 are open only to graduates or to seniors whose credit point average is 2.

Courses marked C. R. refer to College of Religion catalogue and those marked C. E. refer to the College of Education catalogue.

DESCRIPTION OF COURSES OF INSTRUCTION

I. ARCHAEOLOGY

(See under Classical Languages, courses 321, 322, 325, 326)

2. BAND

JAMES B. VANDAWORKER, INSTRUCTOR

Band Instruction and Practice.
III. BOTANY

PROFESSOR FRIESNER
DIRECTOR CLUTE
ASSISTANT PROFESSOR PALMER
INSTRUCTOR POTZGER
ASSISTANTS

The courses in this department have been planned for those who may elect botany for its educational value and for the fulfillment of science requirement leading to the baccalaureate degree, for teachers; and as foundation courses for those who expect to enter some phase of professional botany. Students expecting to major in botany or to offer it as one of their group requirements for high school teaching must plan their course with the head of the department as early as possible. Major students are required to take at least 15 hours in courses numbered above 350 and at least one year each of zoology, chemistry, French and German.

Candidates for the Master’s Degree who select botany for their major must have had at least 24 hours of undergraduate botany and must take one course numbered above 500. A maximum of 10 hours credit may be allowed for this course. Courses numbered above 350 also carry graduate credit.

Courses

101, 102. General Botany: A preliminary survey of the structure and functions of the plant cell, followed by general survey of the plant kingdom, illustrated by selected types, and a discussion of the broader generalization of the science. The work is concluded by a study of the local spring flora. Three recitations and six hours laboratory per week. Fee, $7.50.
Mr. Friesner, Mr. Palmer, Mr. Potzger. I, II (5)

210. Principles of Decorative Planting: The principles of landscape gardening as related to the selection and arrangement of material. A study of the more desirable plants, the relation of color to the landscape and the seasons, and the making of planting plans for various purposes.
Mr. Clute. I (3)

Intensive courses dealing with the identification and classification of plants. Designed to acquaint the student with the plants of this region. Periodic field examinations and observation trips require students in courses 302, 304 to keep Saturdays free from other classes. All courses, except course 306, require fifty hours of laboratory work (or its equivalent) per hour of credit. Prerequisite, courses 101 and 102, or their equivalent.
The following Taxonomy courses are subject to the above statement:

301. **Mosses and Liverworts**: Fee, $2.00 per hour of credit.  
Mr. Clute.  
I (1-2)

302. **Trees**: No fee.  
Mr. Friesner.  
II (1-2)

303. **Ferns and Fern Allies**: Fee, $2.00 per hour of credit.  
Mr. Clute.  
I (1-2)

304. **Flowers**: No fee.  
Mr. Friesner.  
II (1-3)

305. **Shrubs**: No fee.  
Mr. Clute.  
I (1)

306. **Principles of Taxonomy**: Lectures on the origin and relationship of the principal plant groups and the taxonomic principles and criteria fundamental to classification.  
Mr. Clute.  
II (1)

307. **Autumn Flowers**: A study of the autumn flowers, the identification of the species and the construction of keys for their recognition. Six hours of field and laboratory work for the first nine weeks.  
Mr. Clute.  
I (1)

315. **High School Methods**: A course for prospective teachers of botany, including a survey of high school courses, a discussion of methods in classroom and laboratory, and suggestions for the preparation of material and devices for increasing interest in the study.  
Mr. Clute.  
I (2)

345. **Botanical Technique**: A course in the preparation of material for class use, and in the methods of killing, fixing, staining, and mounting plant material for permanent slides. One lecture and twelve hours’ laboratory work per week. Prerequisite, courses 101, 102, and 304. Fee, $7.50.  
Mr. Friesner.  
I (5)

351, 352. **Current Literature**: A course meeting bi-weekly for discussion of current botanical literature. The meetings are open to all in the department, but credit is given only to advanced students who take an active part in the meetings.  
Mr. Friesner.  
I, II (1)

354. **Algae**: A course aiming to give the student an opportunity to identify the algae of this region. The course is laboratory work entirely. It may be taken with or without course 356. Fee, $2.00 per hour of credit.  
Mr. Palmer.  
II (1-3)
356. Phycology: A study of the structure, life histories, classification, economic importance, and morphological importance of the algae. Representatives from all of the larger groups of algae are considered. This course should be taken with course 354 but may be taken without it. Prerequisite, courses 101 and 102.
Mr. Palmer.

358. Heredity: A course dealing with the facts, hypothesis, and biological principles of heredity and variations. The course is open to all students who desire a scientific knowledge of the problems of heredity and who have had enough botany, biology, or zoology to understand the plant or animal cell.
Mr. Friesner.

363. Plant Physiology: A study of the vital activities of plants, such as photosynthesis, respiration, absorption, growth, reaction to stimuli, etc. This course is advised for agriculture and forestry students, for those who expect to teach, and for major students. Three recitations and nine hours of laboratory work per week. Prerequisite, courses 101 and 102. Fee, $7.50.
Mr. Potzger.

364. Introduction to Ecology: A study of ecological anatomy, climatic and edaphic factors, geographical distribution, and the concept of plant succession. Field and laboratory work deals with the aims and methods of ecological investigation. Three recitations and six hours of laboratory and field work per week. Students must keep Saturdays free for field work. Prerequisite, courses 101, 102 and 304, and preferably course 363. Fee, $7.50.
Mr. Potzger.

366. Plant Cytology: A course dealing with details of cell structure in relation to their behavior in heredity and metabolism of the plant. Three lectures and six hours of laboratory per week. Prerequisite, courses 101, 102, 304, and 345. Fee, $7.50.
Mr. Friesner.

367. Microbiology (Bacteriology): A study of bacteria and other common micro-organisms from the standpoint of their relation to human life and to industrial processes. Emphasis is placed on cultural, isolation, counting, staining, and identification methods. Two lectures and nine hours of laboratory work per week. Prerequisite, courses 101 and 102, or zoology 101 and 102; or chemistry 101 and 102. Fee, $10.00.
Mr. Palmer.

369. Agrostology: A course in the identification of the grasses of the local flora. Six hours laboratory work per week. Prerequisite, courses 101, 102, and 304. Fee, $2.00 per hour of credit.
Mr. Potzger.

371. Special Problems: A course offering an opportunity for qualified students to pursue some special course of study. Credit, time, and fee to be arranged.
Mr. Friesner, Mr. Palmer, Mr. Potzger, Mr. Clute.
402. Plant Geography: A study of world botanical areas, affinities of American, Asiatic and European floras and a detailed study of Indiana botanical areas and floral affinities. Prerequisites, courses 101, 102, 304, and preferably 364.
Mr. Palmer, Mr. Potzger and Mr. Friesner.

Graduate Courses

The following courses are open only to magna cum laude seniors and to graduates:

523, 524. Investigations in Plant Cytology: Credit, fee, and time arranged.
Mr. Friesner.

525, 526. Investigations in Plant Physiology: Credit, fee, and time arranged.
Mr. Potzger.

527, 528. Investigations in Plant Ecology: Credit, fee, and time arranged.
Mr. Potzger.

529, 530. Investigations in Taxonomy and Plant Distribution: Credit, fee, and time arranged.
Mr. Friesner, Mr. Clute.

541, 542. Investigations in the Algae: Credit, fee, and time arranged.
Mr. Palmer.

In addition to these courses Botany 351ff may be taken with undergraduates for graduate credit.

IV. CHEMISTRY

Professor Shadinger
Associate Professor Means
Assistants

The courses offered in this department are primarily designed to meet the wants of those desiring a general knowledge of the subject, and of those feeling the need of more advanced work in order to prepare themselves for research work, teaching, medicine, chemical engineering, or other professions. Major students are required to take courses 101, 102, 303, 306, 407.

To each student is assigned his own desk with separate outfit of apparatus and chemicals.
Courses

101, 102. General Inorganic Chemistry: Elementary. Lectures, recitations, and laboratory work. A systematic study of the principal non-metallic elements and their compounds, together with the fundamental principles and laws of the science. This course should be elected by students who have had no previous course in chemistry, as well as by those who offer chemistry as an entrance unit. Courses 101 and 102 constitute a full year’s work.

I, II (5)

303. Advanced Inorganic Chemistry and Elements of Physical Chemistry: A thorough review together with a more detailed study of the fundamental laws and principles of chemistry which, with their applications, constitute an elementary course in physical chemistry. This course is recommended to seniors or those who may desire to teach chemistry. Two lecture periods and three laboratory periods of two hours each per week through the first semester. Courses 303 and 304 constitute a full year’s work. Prerequisite, courses 101 and 102.

I (5)

304. Qualitative Analysis: The metallic elements studied from the standpoint of the periodic and analytical classifications. The laboratory work consists of a study of the reactions, methods of separation and detection of the metals and common acids based upon the ionic theory and the applications of the law of mass action. Two lecture periods and three laboratory periods of two hours each per week through the second semester. Prerequisite, courses 101, 102, and preferably course 303.

II (5)

305. General Organic Chemistry: A course recommended to those desiring a general knowledge of elementary organic chemistry. Three lecture periods and two laboratory periods of two hours each week. A special section in laboratory consisting of 6 hours per week will be given for premedical students. Prerequisite, courses 101, 102, or an equivalent, and preferably courses 303, 304.

I (5 or 6)

306. General Organic Chemistry: A more thorough discussion of the topics taken up in course 305. Three lecture periods and two laboratory periods of two hours each per week. Required of all majors. Prerequisite, course 305.

II (5)

*313. Methods of Teaching High School Chemistry: A two-hour course in the teaching of chemistry given during the second semester. II (2)

407. Quantitative Analysis: An introduction to quantitative methods and the chemistry upon which those methods are based. Both gravimetric and volumetric methods are used. One lecture period and the minimum of six laboratory hours per week. Prerequisite, courses 101, 102, 303, 304 and preferably courses 305, 306.

I (3)

408. Advanced Quantitative Analysis: Three hours in laboratory for each hour’s credit. Work may be chosen among the following: (a) water analysis (2); (b) steel analysis (2); (c) mineral analysis (2); (d) electro analysis (2); (e) organic analysis (2); (f) gas analysis (2). Prerequisite, course 407. (Credit, 2 hours or more.)

*Course will be offered in the year 1933-34.
409. Organic Preparations: Three hours in laboratory for each hour credit. Prerequisite, course 306 and preferably course 407. (Credit, 2 hours or more.)

410. Physical Chemistry: A course recommended to students majoring in chemistry. Three lecture periods and two laboratory periods of three hours per week. Prerequisite, courses 101, 102, 303, 304, 305, 306, one year of college physics, differential and integral calculus.

511, 512. Special Courses: Students who have completed the first eight courses listed above, and who show special qualifications, may be assigned special work along lines of advanced problems of analysis, synthesis, or theory.

The laboratory fee is $10.00 for each course except 313 and the 6 hour Organic course which is $13.00. The fees are payable in advance. Extra charges are made for breakage, damage to apparatus and the more expensive chemicals.

V. CLASSICAL LANGUAGES AND ARCHAEOLOGY

PROFESSOR GELSTON
PROFESSOR MACDONALD
ASSISTANT PROFESSOR ARBUTHNOT

Greek

Greek has a two-fold value, cultural and professional. Those who are interested in any phase of linguistics, especially Latin, will find Greek of great benefit to them. Those who are interested in the study of "the good, the true, and the beautiful" will find much food for thought in Greek.

Students majoring in Greek must include either Greek 307, 308, or 309, 310 in the hours required for a major.

Latin

The courses in Latin are planned with a view to meeting the needs of those students who desire to study the Classics as a means toward a liberal education and of those who are preparing to teach or to specialize in this field for professional reasons.

In the more advanced courses different authors and works are read in alternate years so as to offer as wide a field as possible.

Students offering 3 or 4 units of Latin for admission should elect Latin 105 and 106; those offering 2 units should elect 103 and 104. A Latin major must include courses 317, 318, 345, and 346, or an equivalent, and also Archaeology 325 and 326. It is strongly advised that the major student also elect Greek 101, 102, or equivalent.
Greek

101, 102. Elementary Greek: Grammar, Xenophon. Continuous course. I, II (5)

303. Plato: Apology, Crito, Phaedo, selections. I (3)

305. Homer: Odyssey, study of Mycenaean civilization. II (3)

[307, 308. Greek Tragedy. I, II (3)]

309, 310. Herodotus and Thucydides: Social and economic conditions in Greece in relation to the two great wars of the fifth century. Open only to those who have had Greek 101 to 305 or an equivalent. I, II (3)

[311. Greek Composition.]

313, 314. Greek Art: See Archaeology 321, 322.

317. Greek Mythology: See Archaeology 317.

Latin

Courses 103 to 106 are open to freshmen according to the extent of their preparation.

[101, 102. Elementary Course.]


104. Vergil’s Aeneid, Books I-II and Selections: Constant practice in oral reading and translation. Prerequisite, 101, 103, or equivalent. II (5)

105. Livy’s History, Books I and XXI, Selections: Study of a master of prose and of the early history of Rome. Composition once each week. Prerequisite, 101, 104, or 3 units of entrance Latin. I (5)


207. Roman Comedy: The Andria of Terence and The Captivi of Plautus will be read. Special reports by members of the class on the theatre and drama of Greece and Rome. Prerequisite, 105, 106, or equivalent. I (3)

208. Pliny’s Letters (Selections): Study of the customs and history of the early empire. Practice in sight reading. Prerequisite, 105, 106, or equivalent. II (3)

[309. Catullus.]

[310. Latin Elegy.]
Junior-Senior Courses

The prerequisites of the following courses are Latin 105, 106, 207, 208. Those who choose Latin as their major and those who expect to be recommended for teaching Latin are required to take Latin 317 and 318, two of the advanced reading courses 341, 346, and Archaeology 325 and 326. Course 331 is planned to satisfy the state requirement and should be taken by those expecting to teach.

317. Latin Composition: Practice in writing Latin in connection with a study of the fundamentals of syntax and style. I (2)

318. Advanced Composition: Exercises in writing Latin prose based upon a classical text. II (2)

331. Methods of Teaching High School Latin: A brief survey of the subject of Classical Philology will be followed by a study of the aims, methods, and progress of teaching Latin in the secondary schools. I (2)

[332. History of Latin Literature from the Earliest Times to the Fourth Century A. D.]

[341. Cicero's Tusculan Disputations.]

[344. Vergil, Aeneid VII-XII.]


346. Horace and Juvenal, Selected Satires: Reading and interpretation. Study of the beginning and growth of satire among the Romans. II (3)

Archaeology

Archaeology is the study of the art, architecture, customs, and beliefs of ancient peoples as shown by their monuments, inscriptions and handiwork. While of special interest to students of the Classics, of the fine arts, and of the social sciences, the courses listed below are not restricted to them, and are intended to be introductory to an appreciation of former cultures.

317. Greek Mythology: A general introduction to the myths of Greece as a key to Greek interpretation of such problems as origin of the universe, relations of gods to men, future life, and, in addition, legendary history such as the Trojan War. Open to all students. No prerequisite. II (2)

321, 322. Greek Archaeology: First semester, Minoan civilization and Greek sculpture; second semester, architecture, painting, and minor arts. Illustrated lectures. No prerequisites. I, II (3)

325. Roman Archaeology: A general introduction to the study of the monumental remains of Roman towns and cities, town planning, public and private architecture. Illustrated with stereopticon. No prerequisite. I (2)
326. Ancient Rome: A study of the topography and monuments, especially of the Forum and Palatine; also other notable examples of architecture discussed. Text book supplemented by illustrated lectures and reports. Stereopticon used. No prerequisite.

NOTE: Courses which may be counted for graduate work:
Latin: 332, 341, 344. For prerequisites see page 58.
Greek: 307, 308, 309, 310.

VI. ECONOMICS

Professor Putnam
Professor Streightoff
Associate Professor Beckner

Assistant Professors Camp, Bridenstine, Redding, Hudson
Mr. Stegemeier, Mr. Griswold, Miss Hoover

The courses in economics and business administration are included in this department. The introductory courses are given every year. The advanced courses alternate and are intended to meet the needs of two classes of students: those preparing for commercial or financial careers or for public or social service, and those looking forward to graduate work in economics, political science, or allied subjects. The courses in applied economics and business administration are intended to meet the needs of students preparing for business. For suggested curriculum in business administration see page 106.

1. Any course numbered between 200 and 299 is prerequisite to all courses in its group numbered above 299.

2. Course number 200 (Principles of Economics) is prerequisite to all courses in this department with a number higher than 200, except Accounting.

3. Students majoring in this department must include courses 200, 210, 320, 330, 340. Those expecting to teach economics in high school should also include courses 300, 301, 400.

Courses

Economic Theory

200. Principles of Economics: A course intended to give the student a grasp of the fundamental principles of economic science and a general knowledge of its scope and method. Open only to students who have 30 semester hours of credit. This course is a prerequisite to all other courses in Economics above 200.
300, 301. Advanced Economic Theory: A study of the historical development of economic thought. An attempt is made (1) to relate the economic thought of each period or school to the underlying philosophical, economic, social, and political conditions; and (2) to evaluate these theories in the light of present-day economic thought. Prerequisite, Economics 200 and 10 additional hours in the department. Continuous course. Credit for a single semester will not count toward graduation.

302. Types of Economic Organization: An inquiry into the principles underlying a proper organization of economic life. Material used in this inquiry will include the work-organizations of the Fifth Century Greeks, the Middle Ages, the Incas, modern capitalism, and the present Russian system; the utopian proposals of Plato, More, Campanella, Bacon, Owen, Fourier, Morris, Bellamy, and Wells; and such systems as co-operation, various types of socialism and communism, the single tax, etc. Prerequisite, advanced standing and permission of the instructor.

Finance

210. Credit and Banking: A study of the character of credit instruments and corporation securities; of the functions of banks and the money market and foreign exchange; of domestic and foreign banking systems, present-day monetary and banking problems; and of the relation of banking to business.

310. Money: A study of the nature and functions of money, of the standard of value, and of the monetary history of the United States and other leading commercial nations.

311. Corporation Finance: A study of the problems of financing a going concern by issue of stocks and bonds; of the problems of expansion of capital and of dividend policy. This is followed by the problems of promotion, combination, merger, receivership, reorganization, and dissolution. Prerequisite, Economics 200, 210 and junior standing. One year of accounting is recommended.

312. Credits and Collections: A study of the forms of credit, classes of credit, and credit machinery; of the duties and qualifications of the credit man; of the sources of information; of the analysis of statements; of collections and credit safeguards.

313. Investments: A study of the nature, character, and functions of investments; of the classes, including direct investments and securities; of the methods of judging investments; of the state control; of the investment markets and exchanges. A study of the methods of distributing securities in the United States and abroad. Prerequisite, Economics 200 and 210.

314. Foreign Exchange: A study of the system of settling international indebtedness; of the principles and practice of exchange banking; of money markets of the world and their relations. Prerequisite, Economics 210.
318. Public Finance: A study of the nature, classification, and control of public expenditures; of the various types of public revenues, with special emphasis on problems of federal, state, and local taxation in the United States; of the principles of public credit; of budget systems. I (3)

319. Taxation Problems: A study of the major problems existing under our present federal, state, and local systems of taxation. Prerequisite, Economics 318.

Labor

320. Labor Problems: A study of the economic, social, and psychological background of labor problems; of the nature and significance of the more important problems confronting the wage-earner; a discussion and evaluation of methods used by the worker, the employer, and the public to solve these problems. I (3)

321. Government and Labor: A detailed inquiry into the common and statutory law governing labor problems, including a discussion of the basis of the labor law; the labor contract; legal status of labor unions and their methods of action; the labor injunction; arbitration of labor disputes; laws relating to safety and health, hours, wages and unemployment; social insurance. Prerequisite, Economics 320 or its equivalent. II (3)

Public Utilities and Transportation

330. Public Utilities: A study of the nature, functions, and control of public utilities. II (3)

331. Transportation: An outline course dealing with the more important principles and facts relating to railways, waterways, and the express, telegraph, telephone, and postal services. The greater portion of the course, however, is given to the problems of railway transportation, including financing, consolidation, rate-making, and regulating. I (3)

Secretarial Science

Credits in stenography and typewriting are not counted toward an A. B. Degree; they are counted toward a B. S. in Business Administration, in curricula training for secretarial work, or a license for teaching commercial work in high school.

148. Elementary Stenography: This course is designed for those who have had no previous training in stenography. No credit is given for the course unless Intermediate Stenography, course 248, is also successfully completed. I (2)

149. Elementary Typewriting: For students who have had no training in the touch system of typewriting. I (1)
248. Intermediate Stenography: This is a continuation of Course 148 or may be taken by students who have had a year in high school or the equivalent. II (2)

249. Intermediate Typewriting: For students who have memorized the keyboard by the touch system. II (1)

348. Advanced Stenography: In this course the principles acquired in the previous courses are applied in the technique of skill and accuracy in writing and transcribing shorthand.

349. Advanced Typewriting and Office Practice: The course includes the acquiring of speed in typing, various forms of business letters and general office training. I (1)

Accounting

250, 251. Accounting: A study in the first semester of the theory of debit and credit underlying all accountancy; in the second semester, application to more advanced accounting of the principles learned in the first semester. Continuous course. Prerequisites, 20 semester hours' credit. I, II (3)

350, 351. Advanced Accounting: A course dealing with principles of accounting and centers in the balance sheet. Special attention is given to depreciation, intangible assets, the nature of equities and equity accounts, sinking funds, interest problems, consolidations and liquidations, and the construction of the more usual financial statements. Practical problems are used to illustrate the principles studied. Prerequisite, courses 250, 251, or their equivalent. I, II (3)

Marketing

360. Marketing: A general survey of methods and problems of marketing raw materials, farm products, and manufactured goods. Textbooks, lectures, assigned readings and problems. I (3)

361. Salesmanship: A study of the modern sales organization and selling problems and practices; of sales campaigns and personal selling. I (2)

362. Advertising: A study of the purpose, problems, methods, and media of advertising; of character and personnel of the advertising organization; of the advertising campaign. II (2)

363. Foreign Trade: A study of exporting and importing; of ocean transportation; of foreign trade institution and policies; of analysis of the foreign trade of the United States. I (2)

Business Organization and Administration

371. Business Administration: Prerequisite, senior standing with major in economics and business administration or permission of instructor. II (2)


374. Statistics: An introductory course dealing with the collection, analysis, and presentation of statistical data. Prerequisite, a working knowledge of algebra. I (3)

375. Insurance: A study of the different classes and types of risk-taking. The economic significance of insurance: life, fire, marine, fidelity, accident. II (3)

376. Commercial and Trade Organizations: A study of the organization, functions, and economic significance of Chambers of Commerce, Trade Associations, and various other types of non-profit co-operative groups. An interesting feature of the course is talks given by prominent business men and association executives, as well as research and reports by the students, on various phases of the subject. Endeavor is made to give ample opportunity for discussion of all lectures and reports. II (3)

Economic History

180. Economic History of the United States: A study of methods of colonizing the American continent; of the land policy; of the growth of industry, agriculture, commerce, transportation, and labor. Not open to seniors. II (3)


381. Economic History of Modern Europe: See course 329 Department of History and Political Science.

Land Economics

190. Economic Resources: A study of the environmental influences affecting commercial and industrial development; of geographic distribution and economic significance of raw materials; of products and industries of the United States and of the countries of most importance to the industries and commerce of this country. Not open to seniors. I (3)

390. Land Economics: A course concerned with the significance of nature as a factor in economic life and economic science. The first part of this course deals with the characteristics and classification of land. The effect of public policies on the utilization of land is studied at length. This includes a study of land taxation, land settlement, conservation, and the pressure of population on land resources. I (3)
391. Economic Problems of Agriculture: A course dealing with the more important economic problems in agriculture centering on production, land ownership and tenancy, finance and credit, marketing and farm labor. Prerequisite, course 200 and registration in course 210.

Research and Methods

400. Methods of Teaching High School Economics: A course dealing with methods of teaching economics and commercial subjects in high school.

401, 402. Seminar: The resources of the Indiana State Library and the Indiana Bureau of Legislative Information are available for the students of this department. Open to suitably prepared seniors.

Note: All courses numbered 300 or above are open to suitably prepared undergraduates or graduates. Application for graduate credit for these courses must be made at the time of registration in each course and the special work required of graduates must be of a high order.

VII. EDUCATION

The courses listed below meet the requirements (1) for a high school teacher’s license and (2) for a major subject in education for the degree of Bachelor of Arts.

High School Teachers License

C. E. 261. Introduction to Psychology: Prerequisite, 30 hours college credit, and should be elected by first semester sophomore students. Limited credit only will be given if this course is elected by advanced students. This is a gateway course and is designed to introduce the prospective teacher to the problems of teaching by means of a reasonably comprehensive study of fundamental psychological principles. An effort is made to secure special application to the problems of the ordinary public school teacher.

Mr. Carlile.

C. E. 262. Advanced Psychology: The discussions have as their chief aim, the application of theory to practice and the identification of the principles of psychology with the actual processes of learning and teaching as found in the ordinary class room. Throughout the course an effort will be made to develop an intimate classroom relationship between the more valuable psychological data and the principles derived therefrom as these are seen to apply in both the work of the teacher and that of the learner. Prerequisite, 30 hours of college credit and course 211.

Mr. Richardson.
C. E. 301. Secondary Education: The course consists of lectures, discussions and readings relating to such topics as types of secondary schools, aims of secondary education, relation of secondary education to elementary and higher education, the reorganization movement, secondary teacher, secondary pupil, and high school problems. Prerequisite, 45 hours of college credit. I, II (3)

C. E. 322. Principles of High School Teaching: The course is designed to acquaint the student with the latest theory and practice concerning recitation, procedure, methods of study, modern methods involving reorganization, planning instruction, measuring the results of teaching, and usual classroom problems. Mr. Leonard. I, II (3)

C. E. 431. Observation and Supervised Teaching: This course is limited to seniors. It will be given in Indianapolis high schools at hours to suit individual students. At first, the work will consist of observation and lectures. Later, the student will be given opportunity to teach under supervision of the regular high school teachers and the heads of the respective high school departments, with the general supervision of the head of the Department of Education at Butler University. A special laboratory fee for this course of $20 is payable at time of registration. Prerequisite, at least 9 hours in education and two special methods courses. Mr. Shultz. I, II (3)

Major Subject for the Degree of Bachelor of Arts

In addition to the courses required for a high school teacher's license, eighteen hours must be selected from the following:

Secondary Education

C. E. 101. Introduction to Teaching: The course is fundamental and is recommended for all students intending to enter any level of the teaching profession, and required for all students majoring in Education. It consists of an introductory consideration of present-day educational problems, and the development of a sympathetic and aggressive attitude toward scientific methods in their solution. Mr. Leonard. I (3)

C. E. 402. Social Aspects of Education: A course dealing with some of the latest social developments in education. It treats of the relations between the principles of education and the problems of society, stressing the point of view of social participation rather than individual development in all problems of education. The social viewpoint is carried into the treatment of as many phases of school work as possible, such as the determination of objectives, administrative policies, curriculum, discipline, and methods of instruction, seeking to provide suggestive materials for the practical administrator and classroom teacher. Under-graduate or graduate by special arrangement. Mr. Leonard. I (3)
C. E. 401. The Junior High School: A survey of the Junior High School movement with attention to history and development, aims and functions, organization, curriculum, methods of instruction, present achievements and future outlook.
Mr. Mock.

Psychology of Education

C. E. 466. Psychology of Character Development: This course considers that the outstanding purpose of education should be the development of character along with the training of the mind. Causes and remedies will be sought for the emotional abnormality so frequently seen in children who are intellectually normal. The student will study the psychology underlying character training and will be introduced to the current literature treating this phase of human development.
Mr. Hightower.

C. E. 464. Educational Social Psychology: The purpose of this course is to give the student a picture of the behavior of the individual as affected by others; the forms of this behavior as appearing in social-self development, customs, fashion, the crowd and the mob; and the attendant motivating impulses, as fear, sympathy, suggestion, and imitation.
Mr. Hightower.

C. E. 563. Psychology of Adolescence: Discussions involving a careful examination and critical study of the physical, mental and moral characteristics and of the typical economic and social interests of upper grade and high school pupils. Special reference is made to the relation to education of the various phases of adolescent life and its interests. The problems of training which thereby arise are considered and constructive recommendations are offered toward their solution.
Mr. Richardson.

C. E. 566. Psychology of High School Subjects: Lectures, collateral readings, and discussions designed to develop a knowledge of the mental processes employed in the study of mathematics, English, history, languages, science, and the practical arts as these studies are pursued in the high schools. Supervised study and the general problems involved in developing the proper mode of learning the high school subjects will be given consideration.
Mr. Richardson.

History and Philosophy of Education

C. E. 511. Philosophy of Education: This course is a summary consisting of lectures, collateral readings, and discussions, and is intended to give a coherent review of the fundamental philosophy which should guide and direct educational practice.
Mr. Hightower.
C. E. 512. Comparative Education: Lectures, readings, and discussions of European elementary and secondary school systems with special reference to those of Great Britain, France, and Germany. Reference will also be made to the schools of China, Japan, and South America. The ideals which dominated these educational systems at various times will be examined and comparisons instituted with similar characteristics as found today in the school system of the United States.

Mr. Richardson.

C. E. 411. History of Education: A study of the growth and development of education, and its relation to the civilization of the times will be made. In addition, a detailed study of the development of elementary school systems will be undertaken. Special emphasis will be placed on the social religious, economic and political forces which have influenced changes in organization, administration and content of the schools from time to time. The evolution of our present system of education will be undertaken.

Mr. Garber.

C. E. 412. History of Education in the United States: This course is a study of the rise and development of both public and private education.

Mr. Garber.

VIII. ENGLISH

Professor Harrison
Professor Butler
Associate Professor Welling
Assistant Professors Weisenberg, Stewart, Helming, Sisson, and Schumacher

Mr. Carder, Mr. Sparks, Mrs. Robinson

The Department of English offers courses to give the student constant and regular practice in English composition, and to arouse within him an appreciative knowledge of English literature in its historical and cultural aspects.

Students majoring in English are required to take from 30 to 40 hours of work, of which courses 101, 102, 101A, 102A are required and are prerequisites for all advanced English work, the others being elective courses offered in the English Department and courses 344, 345 in the Department of Speech (formerly Public Speaking). Those expecting to teach should take at least 40 hours.

The State requirements for a first grade license in English, as distinct from the requirements for a major in English, are: six hours of English composition, nine hours of English literature, six hours of American literature, three hours of speech, and two hours of methods of teaching English.

101, 102. Freshman English: Weekly themes, study of principles of composition, lectures, recitations, and conferences. Required of all freshmen.
101A, 102A. Appreciation of Literature (Freshman): Historical and Cultural Survey of English Literature. Textbook work, outside reading, reports. Required of all freshmen intending to do advanced work in English in later years of the college course. I, II (3)

113, 114. Essay Writing: An advanced course which continues the composition work of the freshman year, emphasis being placed upon expository types of writing. Miss Stewart. I, II (2)

317. Verse Forms and Composition: A study of the technique of poetry, leading either to verse writing or to individual study in metrics. Class limited to 12 members. Mrs. Wesenberg. I (2)

320, 321. Short Story and One-act Play: A course consisting of the reading and discussion of the representative stories with a view to estimating accepted standards of literary technique and art. Prerequisite, 10 hours of English. Miss Butler. I, II (2)

322, 323. Contemporary English and American Prose: Prerequisite, 20 hours of English. Miss Welling. I, II (2)

324. Contemporary Poetry: An appraisal of modern English and American poetry based on the study of the theory of poetry and on comparison with great poetry of the past. Prerequisite, 10 hours of English. Mrs. Wesenberg. I (3)

325. Contemporary Drama—American, English, and European: Prerequisite, 10 hours of English. Mr. Harrison. I (2)

327, 328. American Literature: Prerequisite, 10 hours of English or the equivalent. Miss Welling, Miss Helming, Miss Stewart. I, II (3)

329, 330. Nineteenth Century Literature (1798-1832): A study of the English Romantic Poetry and Prose designed for all students who desire to pursue a course in modern literature for its cultural and spiritual value. Prerequisite, courses 101, 102, and 101A, 102A, or their equivalent. Mr. Harrison. I, II (5)

331, 332. The English Novel: Prerequisite, 10 hours of English. Given only in first semester in a cycle of two years. Mr. Harrison. I (2)

334. European Drama: A study of selected dramas (in English) from Æschylus to Ibsen. Prerequisite, 20 hours of English. Mr. Harrison. II (3)
337. Shakespeare: A study of selected plays of Shakespeare's various dramatic periods. Prerequisite, 20 hours of English which includes one of the following courses: 338, 325, 334, 331, 332, 329, 330, 342, 345, 346. Mr. Harrison.


340. Seventeenth Century Literature: A study of the various tendencies evident in English poetry and prose from Shakespeare to Addison, with emphasis on Ben Jonson, the Caroline poets, Bunyan and Dryden. Prerequisite, 15 hours of English. Mrs. Wesenberg.

341, 342. Eighteenth Century Literature: A study of the major writers of the eighteenth century and the influence upon literature of the critical, social, and political ideas of the day. The first half of the course deals with the prose; the second with the poetry. Prerequisite, 10 hours. Miss Butler.

342. Chivalry in English Literature: A study (1) of the Arthurian legend in Malory, Tennyson, and Spenser; and (2) of the ideals of chivalry set forth in the historical romances of Scott. Prerequisite, 20 hours of English. Mr. Harrison.

343. English Medieval Literature: An introductory study of the language and types of literature of the thirteenth and fourteenth centuries. Prerequisite, 10 hours of English. Miss Welling.

344. Chaucer: A detailed study of Chaucer’s principal poems. Prerequisite, 10 hours. Miss Welling.

345, 346. Science, Art, and Literature: The Culture of Ideas and its relation to the Art of Thinking and the Art of Writing. Prerequisite, 10 hours of English. Mr. Harrison.


350. Methods of Teaching High School English: A practical study of the high school English course: its aims, methods, and texts. Open to juniors and seniors who are electing English as a major or minor for the state teachers' license. Not counted in required hours for an English major. Repeated second semester. Miss Helming.

Note: Graduate students may arrange to take work in English for the degree of Master of Arts only on consultation with the Head of the department.
IX. FINE ARTS

PROFESSOR BAILEY

For additional offerings available in the Fine Arts see pp. 108 and 111.

401, 402. History and Appreciation of Art: A general introduction to the study of architecture, sculpture, painting, and the handicrafts as developed in Egypt, Mesopotamia, Persia, Crete, Greece, Italy, Byzantium, Europe, and America. The leading creative periods within each national culture; principles, media, and techniques of art expression; art conditioned by environment and national ideals; art as a social force. Phases and tendencies of twentieth century art. Lectures, discussions, special readings, reports, lantern illustrations. Elective for juniors, seniors, and graduates. Course 401, first semester. Ancient and medieval art through the 13th century. Course 402, second semester. Renaissance and modern art from the 14th century to the present. (Each course may be taken separately).

Mr. Bailey.

403. Life of Christ in Art: Pictures illustrating the life and teachings of Christ considered in their chronological sequence from early Christian times to the present. Changes in ideals and emphasis that reflect the development of Christian thought. The process of analyzing and interpreting pictures for religious values. Sources of religious pictures in reproduction. Students are encouraged to begin a collection of their own. Lectures, discussions, special readings, reports. Lantern illustrations. Elective for juniors, seniors, and graduates.

Mr. Bailey.


Mr. Bailey.

X. GERMAN

PROFESSOR BAUMGARTNER

ASSISTANT PROFESSOR BAUMGARTNER

MRS. BRUNSON, MISS BECK

The object of the first two and one-half years' work is to enable students to acquire a practical command of the language; in the last year and a half the study of the language is subordinated to the study of literature.

Courses 101 and 102 are continuous, and both must be taken in order to receive credit.
Courses

101, 102. Elementary Course: (Continuous.) As far as possible, German is spoken in the classroom from the beginning. I, II (5)

102. Elementary Course. I (5)

153. Second Year. II (5)

153, 154. Second Year: A thorough grammatical review based on a book like Vos' Essentials of German and Pope's Writing and Speaking German. Graded texts are read and made the basis for classroom conversation in German and for composition. Planned as a unit, but the courses may be taken separately for credit. I, II (5)

153B. Scientific German: Rapid reading of German articles in the different fields of science. I (5)

320. Methods of Teaching High School German: A history of the Germanic languages, an examination of material dealing with modern foreign language teaching, a discussion of methods and a study and selection of German texts. Prerequisites, three years of German in college, or its equivalent. II (2)

355. Modern Prose: A course in which longer texts are read and discussed in German. Summaries in German of assigned chapters. I (3)

356. Classics: Lessing's Minna von Barnhelm, Schiller's Maria Stuart, Goethe's Herman and Dorothea, or similar works of these authors are studied in detail. II (3)

The courses numbered above 356 are given in a cycle and aim to cover the more important periods and phases of German literature. The instructor reserves the right to exclude first-year students.

Note: Graduate credit may be given for fourth year courses provided that special work be done along with the regular course.

415. Schiller: A course in which Schiller's life and works with the literary movements in the nineteenth century are treated in lectures and assigned readings. His most important dramas, ballads, historical, and critical works are studied. I (2-3)

416. Goethe: Lectures and assigned readings dealing with the social conditions in Goethe's time and with the life and works of the author. A study is made of his most important lyrics, novels, dramas, and criticism. II (2-3)

417. History of German Literature. I (2)

419. Faust: Goethe's Faust will be read and interpreted. II (2)

421. Hauptmann and Sudermann: Reading and discussion of some of the works of these authors. Lectures on the contemporary literary movement of these authors. I (3)
XI. HISTORY AND POLITICAL SCIENCE

PROFESSOR HAWORTH
ASSOCIATE PROFESSORS SLIFER AND PEELING
ASSISTANT PROFESSOR BEELER

History not only teaches us about the dead past, but enables us to understand the living present. The study of history and political science has general cultural value and forms a necessary preparation for the proper exercise of the duties of citizenship and for the practice of such professions as teaching, law, and journalism.

Students who major in the department must take the Seminar (course 327), and additional work in either economics or sociology.

The State requirements for a first grade license, first option, in history are: 12 hours of European history, 12 hours of American history, 6 hours of government, 2 hours of methods of teaching history, and 6 hours of economics. For second option the requirements are: 12 hours of European history, 12 hours of American history, and 2 hours of methods of teaching history.

Only those students who have averaged "B" in history and political science will be eligible to do supervised teaching and to take the course in methods.

The department is prepared to care for students wishing to take the degree of Master of Arts in history.

Introductory Courses

HISTORY

Mr. Slifer.
I (3)]

[102. The Greek World.
Mr. Slifer.
II (3)]

103, 104. History of Rome (continuous)
Mr. Slifer.
I, II (3)

105, 106. English History: A study of English history from earliest times to the present day. Lecture course.
Mr. Slifer.
I, II (3)

111. Europe in the Middle Ages.
Mr. Beeler.
I (3)

Mr. Beeler.
I, II (5)
121, 122. American History: A general survey of the history of the United States from 1492 to the present time. A lecture course during four days in the week, quiz sections the fifth day.

Mr. Haworth and Mr. Slifer.

[123. History of Indiana.]

POLITICAL SCIENCE


Mr. Haworth.

[142. General Political Science.]

Advanced Courses

HISTORY

[308. The Expansion of Europe: A study in the spread of European ideas and institutions.

Mr. Beeler.]

309. Renaissance, 1300-1600.

Mr. Beeler.

I (3)

311. Eighteenth Century France.

Mr. Beeler.

I (3)

312. France—Revolutionary and Napoleonic Era.

Mr. Beeler.

II (3)

[313. Medieval Civilization.

Mr. Beeler.]

314. Reformation.

Mr. Beeler.

II (3)

[315. English Constitutional History.

Mr. Slifer.]

318. International Relations.

Mr. Beeler.

I (3)


Mr. Beeler.]

321. Recent European History, 1900-1930: A course dealing with the diplomatic background of the Great War, the Peace of Paris in 1919, and a survey of reconstruction in the leading nations.

Mr. Beeler.
323. Social and Economic History of Indiana Since 1800. Mr. Beeler. II (3)

[325. The Civil War: An intensified study of slavery, secession, and the resort to arms. Mr. Haworth. I (3)]

326. Recent American History: A study of the period since the Civil War, with emphasis upon contemporary problems and events. Mr. Haworth. II (5)

327. Seminar: Required of all students majoring in history. Should be taken in the senior year. Mr. Haworth. I (2)

329. Economic History of Modern Europe: Open to advanced students. Mr. Beeler. II (3)

331. Methods of Teaching High School History and Civics: Open only to students who have averaged ‘‘B’’ in the department. Mr. Peeling. I (2)

[332. American Colonial History. Mr. Haworth. I (2)]

[334. Eighteenth Century England. Mr. Slifer. I (3)]

335. Recent British History. Mr. Slifer. I, II (2)

[339. British Empire: Imperial control and internal historical survey.] Mr. Slifer.

[340. Economic History of England. Mr. Slifer. II (3)]

POLITICAL SCIENCE

310. Comparative Government. Mr. Slifer. II (3)

[336. International Law. I (5)]

[337. Municipal Government and Administration: A study of city government and administration. I (2)]


[343. Constitutional Law. II (2)]
XII. HOME ECONOMICS

Professor Wilhite
Assistant Professor Journey
Miss Cade

The problems of home and community life are considered as subjects of general education. Effort is made to have the student view the problems of housekeeping as a business regulated by economic laws. The material of the sciences, both natural and social, has a vital relation to home economics.

Laboratory work in the household arts of cooking and sewing accompanies a study of home problems as a means, and not as an end, of instruction. Viewed in this light, home economics is not a group of household activities, but a subject with a definite contribution of facts and principles, the study of which develops the same power and appreciations as are developed by the study of other general subjects.

Courses are offered for homemakers, teachers, and commercial workers.

The degree of Bachelor of Science may be obtained in home economics by meeting the requirements as outlined on page —.

Courses

Foods and Nutrition

101. Foods: A study of the principles underlying the preparation of the various classes of food materials. Laboratory practice in the selection and preparation of foods. Prerequisites, Chemistry 101, 102. Laboratory fee, $6.00.

102. Foods: A continuation of Foods 101 with practice in meal planning and serving, calculation of food costs, and caloric values. Prerequisites, Foods 101. Laboratory fee, $6.00.

101A. Foods: A general survey of the elementary principles of food selection and preparation, with an introduction to the planning and serving of meals. For students whose major courses are other than home economics. No prerequisite. Laboratory fee, $6.00.

305. Nutrition: A chemical and biological study of the food nutrients in relation to human nutrition. Laboratory practice in food analysis. Prerequisites, Chemistry 101, 102, Foods 101, 102. Chemistry 305 must precede or accompany this course. Laboratory fee, $6.00.
306. Dietetics: A study of the food requirements of persons of different ages. Planning dietaries for individuals and family groups. Prerequisites, Chemistry 101, 102, 305, Foods 101, 102. Laboratory fee, $6.00. II (5)

307. Institution Management: A study of the organization and equipment of hospital dietary departments, tea rooms, and cafeterias. Emphasis will be placed upon grades of foods, quality, and unit and percentage costs of goods. Prerequisite, Economics 200, Foods 101, 102. II (3)

321. Child Care: A course designed for students preparing to give instruction in the care of children and also for those having direct care of children. Study of prenatal life and infancy, prenatal care, proper feeding, habit formation, general care and hygiene. I, II (3)

322. Home Nursing: A course in simple nursing procedures in the care of illness in the home. It includes such topics as proper surroundings for the sick, the early recognition of the common symptoms of disease, prevention and care of common ailments, emergencies, and food for the sick. The work is given by lecture, demonstration, and trips to hospitals and clinics. No prerequisite. I, II (2)

Clothing, Textiles, and Related Art

323. Home Decoration: A study of the principles of design and their application to house furnishing. Detailed study of color schemes, furniture, carpets, pictures, china, linens, and textile materials used in furnishing a home. Thursday afternoons for field work. I (5)

324. History of Architecture: A study of the historical styles of architecture, beginning with Egyptian architecture and concluding with the architecture in the United States, with emphasis on the great masterpieces of each style and period. II (5)

331, 332. Clothing Construction: The aim of this course is to teach, through the making of garments, the principles involved in the selection of fabrics and designs, the use of patterns, and the fundamental constructive processes. Laboratory fee, $3.00 each semester. I, II (3)

333. Principles of Art: A study of the fundamental principles of color and design. Laboratory work based on lectures. Laboratory fee, $1.00. I (5)

334. Costume Design: The application of the principles of art to the planning and selection of costumes with emphasis on suitability of color and line to the individual, the occasion, the fabric, and the type of costume. Laboratory fee, $1.00. Prerequisite, 333 and 336. II (5)

335. Textiles: A study of the properties of fibers, methods of production, and processes of manufacture in relation to the quality of fabrics. Care of clothing and the clothing budget are stressed. Laboratory fee, $1.00. I, II (5)
336. History of Costume: A survey of dress from the time of the Egyptians to the twentieth century. An appreciation of modern adaptations of early periods of dress to the costume of to-day. No prerequisite. Laboratory fee, $1.00.

I(2)

339. Advanced Clothing Construction: A laboratory course in creative designing and construction of costumes. Prerequisites, 331, 332, 333, 334, 335. Laboratory fee, $3.00.

I (3)

341. Methods of Teaching Home Economics: The relation of educational psychology to the teaching of Home Economics; organization of the work in different types of schools; curriculum planning. Prerequisites, Courses 101, 102, 331, 332.

II (2)

XIII. JOURNALISM

ASSISTANT PROFESSOR PERRY
MESSRS. HARRIS, BUCHAN, AND WALKER

In accordance with present-day needs of the newspaper profession as voiced by its leaders, the work in journalism at Butler University is designed first to produce well-educated men and women, and second to impart the special knowledge and the techniques of the newspaper office.

Persons majoring in journalism, therefore, are required to take at least thirty hours in social science (selected from the fields of American history, American government, economics, sociology, philosophy, and psychology), twenty hours in English, ten hours in natural science, and ten hours in foreign language. The work in the department of journalism consists in following a stipulated sequence of courses totaling thirty hours of credit. The maximum amount of work which may be done in the department is forty hours. The degree of bachelor of science in journalism is given for successful completion of this course.

Individual criticism and instruction is stressed in all writing and editing courses, and is given through the use of conference and laboratory methods. The laboratory work seeks to simulate as closely as possible the conditions of actual newspaper production.

Journalism studies, with the exception of the orientation and preparative courses, presuppose two years of college work. Proficiency in use of the typewriter will be prerequisite to majoring in journalism and will be determined by a typing test to be given before the student enrolls for his junior year. A knowledge of shorthand is recommended.
101. Journalism Survey: An orientation course of lectures and discussions for persons contemplating work in journalism. The purpose is that of giving an accurate picture of the status of the profession, calling attention to its difficulties and opportunities, in order that the student may form some notion of his own capability for and interest in such work. Open to freshmen only.

202. Elements of Writing: A study of words, their meanings, usages, and relationships, with a view to broadening the working vocabulary. Attention will be given also to problems of sentence structure, punctuation, and paragraphing, with particular reference to newspaper usages. Students whose work in journalism 203 indicates a weakness in the fundamentals of written expression will be required to take this course as a prerequisite for further work in journalism.

203, 204. News Writing: Training and practice in news observation and recording, selection of news details, cross questioning for news, determination of news values, building the news story. A survey of kinds of news is made and the psychological elements of appeal are studied. Laboratory fee, $5.

301. History of Journalism: Developments in English and American journalism, and their significance in solving present-day newspaper problems, from the rise of the press in England to the modern era of tabloids, newspaper chains, and high-speed production methods.

306. Principles and Ethics of Journalism: A study of professional codes and of the ethical problems that present themselves in the preparation of news stories and the publication of a newspaper.


312. Community Journalism: A study of the editorial and financial problems of the small-town newspaper. Investigation is made of the approach to the reader's mind and attention is given to a comparison of the editorial demands of the rural and urban readers.

325, 326. Copy Desk Methods: Instruction and practice in the editing of all types of material which comes across the metropolitan newspaper's copy desk. The course also includes instruction in sizes and families of type and in problems of newspaper makeup. Prerequisites, courses 203, 204. Laboratory fee, $5.

330. Critical Writing: Principles of criticism of books and plays, as reviewed in the leading newspapers and periodicals, are studied, and reviews of current dramatic and literary productions are written. Laboratory fee, $3.
331. **Editorial Writing**: Contemporary problems are used as laboratory material for student thought and writing, with particular attention to the logical quality of such thought. Efforts to form public opinion are studied by analysis of important editorial pages. Laboratory fee, $3. II (3)

333, 334. **Advanced Reporting**: Analysis of city news sources with a view to giving the student some knowledge of where to go for a story and what material to look for. The student is required to cover trials, hearings, conventions, and meetings of public bodies. Much of this copy is sent to interested papers in the state by the Capitol News Service, a departmental project organized for this purpose. This course includes a study of court procedure and legal terminology. Prerequisites, courses 203, 204. Laboratory fee, $3. I, II (3)

335, 336. **Newspaper Production**: A laboratory course, the work of which involves the publishing of the University newspaper. Class limited to twenty members. Prerequisites, courses 203, 204, 325. Laboratory fee, $2. I, II (2)

342. **Writing the Special Article**: A study of methods of collecting material for and of writing and marketing special feature articles for newspapers and magazines. Laboratory fee, $2. II (2)

369. **Newspaper Management**: The newspaper from the standpoint of the publisher. The problems of the advertising, circulation, mechanical, and editorial departments; and the relationship of these departments will be discussed. II (3)

370. **Law of the Press**: A study of the law of libel, contempt of court, and the publisher's constitutional guarantees. Special reference will be made to Indiana statutes and cases. I (2)

371. **Methods of Teaching Journalism**: Designed primarily for persons expecting to teach journalism in high school and to supervise student publications. II (3)

372. **Religious Journalism**: The aim of the course is twofold: to acquaint prospective ministers and church secretaries with problems of editing and publishing church bulletins and house organs, and to give sufficient instruction in journalistic technique to enable the minister to work to best advantage with the newspaper editor in informing the community of church activities. A study is made of news values as applied to church affairs and of correct news story structure. I (2)

445. **Current Newspaper Thought**: Trends of thought and current developments in the newspaper profession are studied. Students also are required to keep informed on contemporary public problems as treated in the newspaper and periodical press. I (3)

451. **Journalism Research**: Students who have shown ability to do independent work are assigned problems calling for sustained investigative effort. Methods of research, use of statistics, preparation of bibliographies, and evaluations of evidence are studied. II (2)
Sequence of Courses

Required for the B. S. Degree in Journalism

Sophomore Year

First Semester—News Writing, 3 hours.
Second Semester—News Writing, 3 hours.

Junior Year

First Semester—Copy Editing, 4 hours; Law of the Press, 2 hours.
Second Semester—Copy Editing, 4 hours; History of Journalism, 3 hours.

Senior Year

First Semester—Advanced Reporting, 3 hours; Ethics of Journalism, 2 hours.
Second Semester—Advanced Reporting, 3 hours; Editorial Writing, 3 hours.

XIV. MATHEMATICS

Professor Johnson
Assistant Professors Lutz, Banes
Miss Suter

The courses in mathematics outlined may be divided into elementary and advanced. By elementary is meant the courses in geometry, trigonometry, higher algebra, analytic geometry, differential and integral calculus. These courses are necessary in preparation for all the others given in mathematics. Courses 301 and 302 are required for those majoring in mathematics. Those expecting to teach must take at least 30 hours to receive the approval of the department, and 40 hours are recommended. Algebra 3 must be taken in the high school by students who wish to take mathematics in college.

The more advanced courses vary from year to year in such a way that a student may receive continuous instruction in mathematics for five or six years.

Students who do not offer solid geometry for entrance to college may receive college credit for course 81, but six additional hours in geometry are required for those preparing to teach. It is, however, recommended that solid geometry be included among the elective units offered for entrance.
Courses

[81. Solid Geometry: A study of the usual theorems and constructions, including the relations of planes and lines in space; of the properties of prisms, pyramids, cylinders, cones, and spheres. Numerous original exercises are assigned. II (3)]

101. Plane Trigonometry: A course developing the fundamental principles of the subject, with many exercises to furnish drill in the application of the formulas to the solution of problems. Prerequisite, one year plane geometry, one and one-half years algebra. I or II (3)

102. College Algebra: A course including, in addition to a review of the quadratic equation, inequalities, mathematical induction, binomial theorem, variations, progressions, theory of equations, and logarithms. Prerequisite, one year plane geometry, one and one-half years algebra. I or II (2)

103. Analytic Geometry: A study of the straight line and conic sections. Prerequisite, courses 101 and 102. I or II (5)

105. Spherical Trigonometry: A course dealing with the solution of spherical triangles, with applications to the celestial and terrestrial spheres. Prerequisite, courses 101, 102, and 103. I (3)

107. Advanced College Algebra: A course in complex numbers, partial fractions, permutations and combinations, determinants, probability, infinite series, limits, and continued fractions. Prerequisite, courses 101, 102, and 103. I (2)

301. Differential Calculus: A rigorous drill course in methods of differentiation. Considerable attention is given to applications of calculus to geometry and mechanics. Prerequisite, courses 101, 102, and 103. I or II (5)

302. Differential and Integral Calculus: A continuation of course 301, about four weeks being devoted to the differential and fourteen weeks to the integral calculus. Many exercises are given in the application of calculus to physics and geometry. II (5)

311, 312. General Astronomy: A course designed for those who desire to pursue the work as a part of a liberal education. Requires no mathematical preparation. The telescope will be used in connection with the study of the solar and stellar systems. Continuous course. I, II (3)

[313. History of Mathematics: A course in the history of mathematics from the earliest time to the present. Special attention is paid to particular phases of development. Topics are assigned, papers are prepared and discussed. Prerequisite, 20 hours of college mathematics. I (2)]

315. Mathematical Theory of Investment: A course designed for the study of the principles involved in industrial and financial affairs. A brief review is made of some parts of algebra, such as progressions, limits, series, logarithms, and graphs. Interest and annuities are applied in the study of debts, bonds, sinking funds, and loan associations. Prerequisite, 10 hours of college mathematics. II (3)
317. Methods of Teaching High School Mathematics: A study of the historical reasons for teaching the subject, of the value and aim of mathematical teaching, of the foundations of mathematics, and of special methods of teaching arithmetic, algebra, geometry, and trigonometry. Prerequisite, 20 hours of college mathematics.

319. College Geometry: A course designed to extend the field of knowledge in Euclidian geometry, and to provide an opportunity for review and for mature consideration of high school geometry. Prerequisite, 10 hours of college mathematics.

[351. Solid Analytic Geometry: A study of the coordinate geometry of curves and surfaces in three-dimensional space. Prerequisite, course 302. I (3)]

353. Synthetic Projective Geometry: A study of those properties left unaltered by projection. The principle of duality is emphasized. Desargue's theorem, cross ratio, theorems of Pascal and Brianchon, projective correspondences and their uses in the development of conic sections are studied. Prerequisite, course 302.

355, 356. Theory of Equations: A course devoted to the general properties of equations, determinants, transformations, symmetric functions, and the complex variable. Continuous course. Prerequisite, course 302. I, II (2)

[357. Differential Equations: A course dealing with the methods of solution of the simpler ordinary and partial differential equations, many of which occur in works on advanced physics. Prerequisite, course 302. I (3)]

XV. PHILOSOPHY

Professor Jordan
Assistant Professor

The main purpose of the work in philosophy and psychology is to put the student in possession of a way of looking at things which will help him to interpret both his own experience and the larger problems which enter into the intellectual life of the time. Students desiring to major or to take graduate work in the department should consult the instructors.

Courses

201. Introduction to Ethics: An elementary study of the facts of the moral life and an attempt to formulate the principles implied in the facts. I (3)

204. Logic: An elementary study of the nature, principles, and methods of reasoning. Prerequisite, sophomore standing.

217. Introduction to Philosophy: An elementary formulation of the problems of philosophy.


307. Philosophy since Kant: The history of philosophy from Kant to the present time.

314. Social and Political Philosophy: A study of the principles of order and organization in human society as these principles are derived from a study of the practical disciplines of aesthetics, ethics, politics, and law. Prerequisite, course 202 and junior standing.

316. Aesthetics: A study of the experience of the beautiful and of the objective phenomena of beauty. Prerequisite, course 201 or junior standing.

320. History of Ethical Theory: A study of the history of ancient and medieval ethical theory.


501. Modern Idealism: German idealism and the philosophical movements which have developed therefrom.

503. Seminar in Ethics.

507. Philosophical Classics: The reading and discussion of selected works, with emphasis on the formulation in language of philosophical thought. Prerequisite, courses 305, 306.

Mr. Jordan.
515. Advanced Logic: A study of selected works in the field of the
so-called "Modern Logic." Prerequisite, course 204.  II (2)

526. Epistemology: An historical and systematic study of the theory
of knowledge.  II (3)

528. Kant: Reading of the author's works in English translation. Pre-
requisites, courses 305, 306.  II (2)

530. Recent Philosophical Speculation: A seminar course on a re-
cent contribution to philosophical speculation. Prerequisite, courses 305, 306,
and senior standing.  I (2)

531. Metaphysics: A systematic study of the problem of ultimate
reality, the ideas of God and the Absolute. Prerequisite, courses 305, 306.
II (3)

532. Descartes, Spinoza, and Leibnitz: An interpretation of these
systems in the light of modern philosophical and scientific principles. Prere-
quisite, courses 305, 306.  I (2)

533. Locke, Berkeley, and Hume: A study of these systems with
special reference to the modern experimental and practical movement. Prere-
quisite, courses 305, 306.
Mr. Jordan.  II (2)

534. Seminar in Logic.  I (2)

PHILOSOPHY OF RELIGION

Professor Garnett

The following courses are also available to students in this
department:

(C. R. VI—501). Introduction to the Philosophy of Religion:
An examination of the essential nature, characteristics, and sources of the
religious quest, including a critical discussion of the theories of Tyler, Frazer,
Durkheim, and Marett.  

(C. R. VI—503). Theism: An exposition, historical, critical and
constructive, of philosophical conceptions of God from Kant to the present
day. Prerequisite, History of Philosophy.  I (4)

(C. R. VI—504). Naturalism: A critical exposition of the meta-
physical positions of some outstanding naturalistic philosophers of the present
day. Prerequisite, History of Philosophy.  II (4)

(C. R. VI—509). Seminar in Philosophy of Religion: A study of
a recent set of Gifford lectures or other contributions to the philosophy of
religion. Prerequisite, History or Philosophy.  I (2)

(C. R. VI—510). Seminar in Philosophy of Religion: A study
similar to 509.  II (2)
XVI. PHYSICAL EDUCATION AND ATHLETIC COACHING

Mr. Hinkle, Director for Men

Miss Schultmeier, Director for Women

Miss Alexander, Messrs. Mackey, Phillips, Hedden, McGill

Butler University is well equipped for giving instruction in physical education and athletic coaching. The fieldhouse covers an area of approximately 2½ acres. The main concourse allows space for football, baseball, basketball, track and field events, tennis and golf. A large gymnasium offers additional facilities for basketball, handball, gymnastics, volleyball, etc. A swimming pool 75 by 50 feet, built of white tile and automatically purified, offers splendid facilities for swimming. The Butler Bowl, with a seating capacity of 35,000, contains a regulation sodded football field. A practice field with a quarter-mile cinder running track and a 200-yard straightaway, and additional grounds for freshman football practice and baseball diamonds, are available. Excellent tennis courts are maintained for the students.

The Department of Physical Education and Athletics is organized with two main objectives:

First, to promote the health and recreation of all within the University.

Second, to train and equip teachers to give adequate instruction in these subjects. The courses offered are in excess of the requirements of the physical education laws of Indiana.

For announcement of the courses fulfilling the requirements for a teacher's license see the Bulletin of the College of Education.

(The University requires for graduation, four semester hours in physical education.)

Courses for Men

131. Intramural Athletics: Based on physical examination. Required of all freshmen and sophomore men. Two years. (4)

132. Corrective Gymnastics: Exercises for those who are below normal physical condition to correct such defects as are capable of improvement by prescribed exercise. Hours and credit arranged on advice of the physical examiner.

133. Intercollegiate Athletics: May be substituted for course 131.
Courses for Women

The Women's department of Physical Education has a varied program so that some form of physical education or athletics is available to every young woman in the University. The University athletic fields are used for outdoor exercise in the fall and spring and the gymnasium and fieldhouse are equipped for systematic physical training and indoor games during the winter months.

The regulation costume of the department consists of a black one-piece outfit, with white anklelets and suitable gym shoes.

102, 104. Graded Physical Education: Primarily for freshmen. Introductory work, free exercises, correctives based on physical examinations, apparatus work, and games.

205. Outdoor Work: Includes hiking, games, horse back riding, and canoeing.

206. Athletics: Open only to those who have had courses 102 and 104. Includes swimming, and the technique of all games and sports in season.

Intramural Program: Open to all women in the University. Opportunity and facility for participation in all forms of exercise and games.

XVII. PHYSICS

Professor Elliott

Courses in this department have been planned for those who expect to major in physics, for fulfillment of science requirement for baccalaureate degree, and for those preparing to teach physics in the high schools.

For a major in physics the following mathematical courses are required: trigonometry, analytic geometry, and calculus. A major consists of courses 101, 102, 305, 306, and ten hours in addition from 301, 302 or 501, 502.

Fees: Courses 101, 102, 105, 106.................................$7.00 per semester
Courses 103, 104, 305, 306, 501, 502......................... 4.00 per semester

Courses

101. Mechanics, Heat, and Sound: Three lectures and two laboratory periods of two hours each per week. Fee, $7.00.

102. Electricity, Magnetism, and Light: A continuation of course 101. Fee $7.00.

103. Mechanics, Heat, and Sound (Pre-medical): Three lectures and one laboratory period of two hours each per week. Fee $4.00.

104. Electricity, Magnetism, and Light (Pre-medical): A continuation of course 103. Three lectures, one laboratory period of two hours each per week. Fee, $4.00.
105. General Physics for Women: The material in this course has been taken from a field familiar to women. Subjects covered are mechanics, heat, and sound. Fee, $7.00.

106. Continuation of 105: Subjects covered are electricity, magnetism, and light. Three lectures and two laboratory periods of two hours each, per week. Fee, $7.00.

301. Theory of Mechanics: Lectures. Prerequisite, courses 101, 102, and trigonometry or enrollment therein. I (5)

302. Theory of Light: Lectures. Prerequisite, courses 101, 102, and trigonometry or enrollment therein. I or II (5)


305, 306. Electricity and Magnetism: Three lectures, one two-hour problem-solving period, and one two-hour laboratory period per week. Prerequisite, courses 101, 102, trigonometry and calculus. Fee, $5.00.


XVIII. PSYCHOLOGY

The courses in this department are intended to meet the needs of the following classes of students: (1) those who wish to acquire a general knowledge of the principles and methods of psychology as a cultural and scientific training; (2) those who desire to engage in callings having a psychological background such as advertising, social service, teaching, employment management, law, and medicine; (3) those who hope to pursue the study of psychology as a science or in one of its various fields of special application.

For the year 1932-33 the courses in Psychology in the College of Liberal Arts and Sciences will be given in the College of Education. The courses available for Liberal Arts students are listed below.

Courses

(C. E. XXIV. 261). Introduction to Psychology: Prerequisite, 30 hours college credit, and should be elected by first semester sophomore students. Limited credit only will be given if this course is elected by advanced students. This is a gateway course and is designed to introduce the prospective teacher to the problems of teaching by means of a reasonably comprehensive study of fundamental psychological principles. An effort is made to secure special application to the problems of the ordinary public school teacher.

I, II (3)
Advanced Psychology: The discussions have as their chief aim, the application of theory to practice and the identification of the principles of psychology with the actual processes of learning and teaching as found in the ordinary class room. Throughout the course an effort will be made to develop an intimate classroom relationship between the more valuable psychological data and the principles derived therefrom as these are seen to apply in both the work of the teacher and that of the learner. Prerequisite, 45 hours of college credit and course 261.

Mental Tests and Measurements: By means of lectures and discussions, the chief facts of normal physical and mental development will be considered and made the basis for study of minor differentiations, border line cases and abnormal children. The more important tests designed to measure human intelligence will be examined and their use in actual case work demonstrated.

Psychology of Character Development: This course considers that the outstanding purpose of education should be the development of character along with the training of the mind. Causes and remedies will be sought for the emotional abnormality so frequently seen in children who are intellectually normal. The student will study the psychology underlying character training and will be introduced to the current literature treating this phase of human development.

Psychology of Adolescence: Discussion involving a careful examination and critical study of the physical, mental and moral characteristics and of the typical economic and social interests of upper grade and high school pupils. Special reference is made to the relation to education of the various phases of adolescent and its interests. The problems of training which thereby arise are considered and constructive recommendations are offered toward their solution.

Psychology of High School Subjects: Lectures, collateral readings, and discussions designed to develop a knowledge of the mental processes employed in the study of mathematics, English, history, languages, science, and the practical arts as these studies are pursued in the high schools. Supervised study and the general problems involved in developing the proper mode of learning the high school subjects will be given consideration.

Neurological Bases of Human Behavior: A study of the neurological bases for human behavior especially adapted for students of psychology. Lectures and demonstrations together with laboratory study of the human brain and sections through the spinor cord. This course is a good foundational course for clinical psychology majors. Lecture and Demonstrations: Monday, 1:00; Laboratory, Wednesday and Friday, 1:00-3:00. Prerequisite, course No. 211.
(C. E. XXIV. 464). Social Psychology: The purpose of this course is to give the student a picture of the behavior of the individual as affected by others; the forms of this behavior as appearing in social-self development, customs, fashion, the crowd and the mob; and the attendant motivating impulses, as fear, sympathy, suggestion, and imitation. 

(C. E. XXIV. 362). Experimental Psychology: The course undertakes to study the fundamental and complex mental processes and their application to learning and thinking. Certain laboratory exercises are used to illustrate lectures and outside readings. A multimental graph of the profile of the student's mind is drawn at the end of the course. Graduates or undergraduate credit. Prerequisite, course 261 or its equivalent. 


(C. E. XXIV. 562). Psychology of Childhood: Lectures, discussion, and reading, treating such topics as the child, his original nature, non-social instincts, affective and cognitive states, memory, imagination, thinking habit, play, physical, moral, and religious development.

(C. E. XXIV. 564). Psychology of Teacher and Pupil Personality: An examination of such factors as ideation, emotion, sentiment and volition with an attempt to trace their development and effect upon the conduct of the normally growing individual. There will be discussions of the conduct of the maladjusted known as the bad boy and the bad girl, and a few outstanding historical characters, each of whom is now estimated to have been both great and bad. An attempt will be made to discover just why such individuals act as they do and to formulate suggestions for securing socially desirable conduct.

XIX. RELIGION

Bible

PROFESSOR BRUCE KERSHNER AND PROFESSOR NAKARAI

(C. R. XI. 131). Old Testament History: The historic element in the Old Testament from the earliest times to the close of the canon. The American Revised Version of the Old Testament, together with other standard translations, is used as text.


(C. R. XI. 233). The Life of Christ: A study of the gospel record. An attempt to arrange the biographical material for the life of Christ in proper sequence and to study his life in the historical setting of his times.


(C. R. XI. 340, 342). Literature of the Hebrews: A study of the origin and development of different types of Old Testament literature, with attention to their historical setting.

(C. R. XI. 350, 352). Religion of the Hebrews: A study of the origin and development of the religious ideas and institutions of the Hebrew, as recorded in the Old Testament, and in the light of religious phenomena in the Semitic world.


(C. R. XI. 405). The Canon of the New Testament: A study of the place of Scripture in the early church. The historical origin and development of our New Testament literature, and the factors which determine why some writings were designated as canonical and others were not so regarded.


Church History

(C. R. XV. 101, 103). The History of Missionary Expansion: An extensive course tracing the propagation of Christianity from its origin down to the present time. The aim is to present Church History from the standpoint of expansion rather than that of doctrinal or ecclesiastical development. Required for the B. S. L.

Mr. Moon.


(C. R. XV. 116). Church History II: Continuation of the preceding course. Later history of the movement. Mr. Walker.
(C. R. XV. 301, 1a). General Church History: Outlines of Church History from the Apostolic Age to the period of the Protestant Reformation. Mr. Walker. I (4)

(C. R. XV. 303, 2a). General Church History II: European Church History from the beginning of the Protestant Reformation to the present time. Mr. Walker. II (4)

(C. R. XV. 201, 3a). Christian Institutions: The church: its origin, nature and purpose; the three-fold problem of creed, ordinance and polity. The purity, harmony and fellowship of the early Christian organization. Mr. Walker. I (4)


History of Religion

(C. R. XV. 303). History of Religions: A brief study of the characteristics of religion followed by an historical survey of the great religions of the world. Required for B. S. L. I (3)

(C. R. XV. 304). Religions of Greece and Rome: It is the aim of this course to trace the development of the religious thought and life among the Greeks and Romans. Attention will be given to the contact of these religions with Judaism and early Christianity. II (3)


(C. R. XV. 315). History of Modern Missions: A history of the spread of Christianity throughout the world since the days of William Carey. II (4)

(C. R. XV. 502). Africa: A general survey of the continent; its geographical features, ethnographical and anthropological questions, social and race problems, etc. Seminar. Open to juniors, seniors and graduates. I (2)

(C. R. XV. 504). Religions of Africa: An intensive study of the primitive cults of Africa. Seminar. Open to seniors, juniors and graduates. II (2)

Philosophy and Christian Doctrine

DEAN KERSHNER AND PROFESSOR GARNET

(C. R. XVII. 302, 2a). Christian Mysticism: The field of the mystical, spiritual and supernatural in the Christian religion; the problem of miracles and their relation to the Christian faith; the teaching of Jesus on the future life and as to the permanent existence of the human personality. Dean Kershner.

XX. ROMANCE LANGUAGES

PROFESSOR RATTI
PROFESSOR WESENBERG
ASSOCIATE PROFESSOR MONCADA

ASSISTANT PROFESSORS KINCAID, ALDRICH, RENFREW, MORRISON, WHISENAND

Mr. CLARK

Students majoring in French or Spanish are required to take courses 311-312 in their respective languages and must maintain an average of at least "B—."

Courses in French

PROFESSOR RATTI
PROFESSOR WESENBERG

ASSISTANT PROFESSORS KINCAID, ALDRICH, AND RENFREW

Mr. CLARK

Elementary

101, 102. Beginner's Course: For those who wish to major in French and for others who desire a thorough and comprehensive knowledge of the language. Grammar, composition, reading and pronunciation. Only those whose high school record in languages warrants it are admitted to this course.

I, II (5)

111, 112. Beginner's Course: For those desiring only a reading knowledge of French. Grammar is studied only for the purpose of acquiring as rapidly as possible a facility in reading standard French texts. Little attention is paid to phonetics, and none at all to translation from English into French. This course is intended for those who wish to use the language as a tool for carrying on work in other branches of study, also for those wishing merely to meet language requirements.

I, II (5)

121, 122. Beginner's Course: For those desiring a speaking knowledge of French. The conversational method is used and, although grammar and reading are not neglected, the main emphasis is put upon oral French. Only those whose high school record in languages warrants it are admitted to this course.

I, II (5)

111. Beginner's French, Conversational: (See 111-112 above.) II (5)

112. Beginner's French, Conversational: (See 111-112 above.) I (5)
Second Year French

131, 132. Reading Course: Prerequisite, 101-102, or 111-112, or the equivalent. For those desiring a reading knowledge of French or who are meeting language requirements. It is also intended for those planning to major in French, but in that case French 151-152 should be taken in conjunction with it. Students taking only 131-132 may not take subsequently the courses in advanced grammar, advanced composition and conversation or the methods course. However, they may continue in the literature courses of the upper division.

141, 142. Conversational French Course: A continuation of 121-122. In this course there is no translation from French into English. All discussion of the texts read and of points of grammar involved is conducted in French. Students electing 141-142 and intending to elect advanced grammar, advanced composition and conversation or the methods course must take this course in conjunction with 151-152.

151, 152. Second Year Grammar and Composition: A systematic and intensive review of French grammar, together with abundant drill in composition. Not required of second year students unless they intend to elect advanced grammar, advanced composition and conversation or the methods course in the upper division.

131. Second Year Reading Course: (See 131-132 above.) II (3)

132. Second Year Reading Course: (See 131-132 above.) I (3)

151. Second Year Grammar and Composition: (See 151-152 above.) II (2)

152. Second Year Grammar and Composition: (See 151-152 above.) I (2)

301, 302. Advanced French Grammar: Presents a functional analysis of the major phenomena of French grammar. Such analysis aims to give the student a comprehensive view of the structure of the French language as a whole, as well as the relationship of the various grammatical categories to certain universal language needs. In the presentation of the work, the student is taught to develop his ability to analyze, explain, and catalogue grammatical facts in accordance with certain traditional and living tendencies rather than his capacity for mastering arbitrary rules. Prerequisite, 151-152 and 131-132 or 141-142. This work must have been done with an average of "B—" or better.

311, 312. Survey of French Literature: A French text is used as a basis for this course, but it is supplemented by lectures (in English), reading assignments, and quizzes. This course is required of those majoring in French, and of those wishing to be recommended for positions to teach the language. A good reading knowledge of French is required. Prerequisite, 131-132 or 141-142 or the equivalent.
321, 322. French Civilization: A course intended to give to prospective teachers of French and other students, a clear notion of the cultural, social, and economic background so necessary for one who would have a real appreciation and understanding of the essential qualities of the French people and of their place among the important nations of the world. Lectures, assigned readings, reports, etc. This course may not be counted in meeting language requirements. It may be used as a general elective or in estimating credit for a major in the department. Prerequisite, 131-132 or 141-142, or the equivalent.

331, 332. Advanced French Composition and Conversation: Special attention is given to idioms, pronunciation, and sentence structure. The student is trained to express his ideas in an easy and natural French conversational style. The student electing this course must give evidence of having a working knowledge of elementary French grammar and of the irregular verbs. Prerequisite, 151-152 and 131-132 or 141-142, or the equivalent.

341, 342. French Phonetics: A course offered especially for those intending to teach French. The course consists of a survey of the underlying principles of phonetics with a practical application of those principles to modern French in conversation, reading, and in dictation exercises. For prerequisites, consult the instructor.

351, 352. Methods of Teaching High School French: This includes a review of advanced French grammar and methods of presenting the essentials of it to elementary classes. The choice of reading material and topics of conversation are discussed, and the selection of the various kinds of text books for the different classes. For prerequisites, consult the instructor.

[361, 362. Seventeenth Century French Literature: (Continuous) Lectures in French. For advanced students only. Prerequisite, French 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331, 332.) I, II (2)]

371, 372. Nineteenth Century French Literature: (Continuous) Lectures in French, reading assignments, written reports, quizzes. For advanced students only. Prerequisite, French 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331, 332.) I, II (2)

[381, 382. The French Novel: (Continuous) For advanced students only. The study of the evolution of the novel in France, from the seventeenth century to the present day. Lectures, reading assignments, reports. Prerequisite, courses 311, 312 or 331, 332, or it may be taken simultaneously with them. I, II (2)]
391, 392. Sixteenth Century French Literature: (Continuous) Lectures, reading assignments, written reports, quizzes. For advanced students only. Prerequisite, courses 311, 312 or 331, 332. I, II (2)

[501, 502. Old French: (Continuous) A study of the language and literature. Grammar, readings, and lectures. Prerequisite, 26 hours of college French. I, II (2)]

Courses in Spanish

Professor Wesenberg
Associate Professor Moncada
Assistant Professors Morrison and Whisenand
Mr. Clark

Elementary

101, 102. Beginner's Course: For those who wish to major in Spanish and for others who desire a thorough and comprehensive knowledge of the language. Grammar, composition, reading, and pronunciation. Only those whose high school record in languages warrants it are admitted to this course. I, II (5)

111, 112. Beginner's Course: For those desiring only a reading knowledge of Spanish. Grammar is studied only for the purpose of acquiring as rapidly as possible a facility in reading standard Spanish texts. Little attention is paid to phonetics, and none at all to translations from English into Spanish. This course is intended for those who wish to use the language as a tool for carrying on work in other branches of study, also for those wishing merely to meet language requirements. I, II (5)

121, 122. Beginner's Course: For those desiring a speaking knowledge of Spanish. The conversational method is used and although grammar and reading are not neglected, the main emphasis is put upon oral Spanish. Only those whose high school record in languages warrants it are admitted to this course. I, II (5)

111. Beginner's Spanish: (See 111-112 above.) II (5)

112. Beginner's Spanish: (See 111-112 above.) I (5)

Second Year Spanish

131, 132. Reading Course: Prerequisite, 101-102 or 111-112 or the equivalent. For those desiring a reading knowledge of Spanish or who are meeting language requirements. It is also intended for those planning to major in Spanish, but in that case Spanish 151-152 should be taken in conjunction with it. Students taking only 131-132 may not take subsequently the courses in advanced grammar, advanced composition and conversation, or methods. However, they may continue in the literature courses of the upper division. I, II (3)
141, 142. Conversational Spanish Course: A continuation of 121-122. In this course there is no translation from Spanish into English. All discussion of the texts read and of points of grammar involved is conducted in Spanish. Students electing 141, 142 and intending to elect advanced grammar, advanced composition and conversation, or the methods course must take this course in conjunction with 151-152.

I, II (2)

151, 152. Second Year Grammar and Composition: A systematic and intensive review of Spanish grammar, together with abundant drill in composition. Not required of second year students unless they intend to elect advanced composition and conversation or the methods course in the upper division.

I, II (2)

131. Second Year Reading Course: (See 131-132 above.) II (1)

132. Second Year Reading Course: (See 131-132 above.) I(3)

151. Second Year Grammar and Composition: (See 151-152 above.) II (2)

152. Second Year Grammar and Composition: (See 151-152 above.) II (2)

311, 312. History of Spanish Literature: A survey of Spanish literature from its beginning to the present day. Required of students majoring in Spanish. Prerequisite, 131-132 or 141-142.

I, II (3)

322. Spanish Civilization and Culture: A survey of the topographical, racial, national, and social influences that have molded the Spanish of today; his customs, artistic, and spiritual traits. Lectures, assigned readings, reports, etc. This course is so given that credit obtained in it may be used to satisfy language requirements. Prerequisite, 131-132 or 141-142 or the equivalent, in the absence of which, the student must give evidence of having a good reading knowledge of Spanish.

II (2)

331, 332. Advanced Composition and Conversation: Conversation, composition, and a study of Spanish daily life. Prerequisite, 151-152 and 131-132 or 141-142.

I, II (3)

321. Methods of Teaching High School Spanish: A study of methods of presenting the subject to elementary classes, the choice of materials for reading and conversation, and the selection of texts for the various classes. Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312 or 331. Consult instructor before registering.

I (2)

341, 342. Spanish Literature of the 16th and 17th Centuries: A course intended to acquaint the student with the classic literature of Spain, special emphasis being put on the drama.

I, II (3)
351. The Novel of the XIX Century: Development of the Spanish novel from the "costumbristas" to the "generación de 1898". The works of Caballero, Valera, Pereda, Alareón, Valdés, Galdós, and Bazán. Lectures and reports. Extensive reading. Conducted mainly in Spanish. Prerequisite, Spanish 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331.)
I (3)

371, 372. Spanish Phonetics: A course offered especially for those intending to teach Spanish. It consists of a survey of the underlying principles of phonetics with a practical application of those principles to modern Spanish in conversation, reading, and in dictation exercises. For prerequisites, consult the instructor.
I, II (1)

352. The Drama of the XIX Century: Development of the Spanish drama from Martínez de la Rosa to Benavente. The works of Gutiérrez, Hartzenbusch, Rivas, Zorrilla, Tamayo y Baus and Echeagaray. Lectures and reports. Conducted mainly in Spanish. Prerequisite, Spanish 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331.)
II (3)

[361. Contemporary Spanish Novel: Continuation of course 351. The works of Blasco, Ibáñez, Valle-Inclán, Pío Baroja, and Concha Espina. Lectures and reports. Conducted mainly in Spanish. Prerequisite, Spanish 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331.)
I (3)]

[362. Contemporary Spanish Drama: Continuation of course 352. The work of Benavente, Linares, Rivas, los Quinteros, Marquina, Martínez, Sierra, and Carlos Arniches. Lectures and reports. Conducted mainly in Spanish. Prerequisite, Spanish 311, 312 or 331, 332. (This course may be taken simultaneously with 311, 312 or 331.)
II (3)]

Courses in Italian

ASSOCIATE PROFESSOR MONCADA

The Department of Romance Languages offers Italian primarily to fill the need of it in science and in the arts and to stimulate an interest in Italian for its intrinsic literary value. As soon as there is a sufficient demand for more advanced courses, they will be added to those now given.

[301, 302. Elementary Course: Grammar, composition, oral exercises, dictation, and reading of modern Italian novels and dramas. Special attention is given to correct pronunciation, while conversation in the foreign language is carried as far as possible. Prerequisite, one year of French, Spanish, or Latin, except by special permission of the instructor. I, II (5)]

[311, 312. Modern Italian Literature: A study of the development of modern Italian literature from Goldoni to the present time. The main works of Goldoni, Parini, Foscolo, Manzoni, Leopardi, Fogazzaro, Carducci, and Pirandello. Lectures and reports. Conducted mainly in Italian. I, II (5)]
Sociology is the scientific study of human interactions for the purpose of formulating effective policies of social control. As such it engages the attention of two classes of students: those who are chiefly interested in knowledge for its own sake and therefore include human relations as any other object of investigation and speculation; and those who, with a practical interest, desire to enter the field of social service as a vocation.

Prerequisite to all courses in sociology, 60 hours college credit. Sophomores whose average scholarship does not fall below "B" may be admitted by special permission of the instructor. For a major, a minimum of thirty hours is required. Students desiring to major in sociology must have as a part of their 60 hours prerequisite the following: economics, 8 hours; history, 5 hours; philosophy, 5 hours.

301. Anthropology: (a) A study of the evolution of man; prehistoric races. (b) A study of the social and mental life of primitive man and the genesis of culture—religion, law, government, art, writing, and industry. Prerequisite, 60 hours college credit.

311. Principles of Sociology: A study of the make-up of the social population; psychology of group behavior; social forces and social laws. Prerequisite, 301.


330. Criminology: A study of crime as a social phenomenon, law and crime, the courts, cause and treatment of crime. Visits to the courts. Prerequisite, 301.

331. Penology: A study of the origin and evolution of legal punishment, the penal code and methods of punishment, rise of the prison system, probation and parole. Visits to the prisons. Prerequisite, 301, 330.
332. Latin American Civilization: The racial composition of Spain and Latin America. Colonial policy of Spain. Wars of independence; emancipation and nationalization; conflicting political philosophies and triumph of federalism. The Monroe Doctrine and Pan-Americanism; dominance of the United States in the Caribbean countries. Prerequisite, 301. II (3)

334. History of Social Thought: A brief survey of the social patterns of the ancient ‘‘Near East’’, Greece and Rome, of the family, religion, government, law, property, art, etc. The social teachings of the Hebrews, Greeks, and other ancient European peoples. Social thought of medieval and modern Europe which have affected American social patterns. Historic survey of sociology in America. Prerequisite, 301. II (2)

336. Rural Sociology: Social and historical backgrounds. Rural life in America, rural population, economic factors, standards of life, leadership, government, the town and country relationships, family and home, recreation, education, and religion. Prerequisites, 301, 311, 312. I (2)

337. Urban Sociology: Beginnings of city life, nature of urbanism, the urban site, geographic factors, city growth and its control. Composition of urban population; the urban way of life, work, home, worship, recreation. The debit side of urban life, poverty, vice and crime, mental disease and suicide. The economy of city life, public utilities, government and administration. The urban outcome—an historical postscript. Prerequisites, 301, 311, 312, 336. II (3)

Pre-Professional Training for Social Service

Students who are looking forward to social work as a profession should devote the freshman and sophomore years to meeting the requirements for graduation in English, language, and science (preferably zoology), and should throughout the course elect as many hours as possible in the special social sciences: economics, history, political science, philosophy, and psychology.

Through an arrangement with Indiana University, Butler University students in training for social service may elect a limited number of courses in the Indiana University Social Service Training Course which may, with the consent of the head of the department, be accredited toward the baccalaureate degree in Butler University.

XXII. SPEECH (Formerly Public Speaking)

Professor Siprit
Mrs. Fife, Mr. Walters

The courses in this department are designed to fulfill the following objectives: 1. To give a general cultural education in all fields of Speech, the forensic, the scientific, and artistic. 2. To prepare superior students for the teaching of the various phases of Speech.
Forensic Activities. The department sponsors and supervises an extensive program of intra-mural and intercollegiate debates and other speech contests which provide additional training for students who are especially qualified. Speakers are entered yearly in the intercollegiate oratorical contests sponsored by the various state organizations. Included in these is a membership in the Interstate Oratorical League, the oldest and largest oratorical league.

The University Theatre. A well equipped little theatre provides excellent facilities for gaining practical experience in the staging of plays as well as acting in them. A number of major plays are produced each year and one-act plays are produced several times a month.

Speech Clinic. This clinic enables the students to gain practical experience in the diagnosis and treatment of all kinds of voice and speech disorders as well as scientific investigations in the other scientific phases of speech.

Organizations

Dramatic. Thespis is a dramatic organization formed for the purpose of promoting a cultural interest in this field among the students in the department and on the campus. Major and minor plays are produced each year. Membership is based upon high scholastic standing and work in the department of Speech. Pi Epsilon, Delta is a national honorary dramatic fraternity, whose membership is recruited from those who display unusual ability in this field.

Forensic. Tau Kappa Alpha is a national honorary debating and oratory fraternity, whose membership is recruited from those who have displayed unusual ability in intercollegiate debating or intercollegiate oratorical contests.

Speakers and Entertainers Bureau. The department maintains this organization for the purpose of supplying debates, speeches, readings, and plays for any organization desiring the same. This provides practical experience for only the best students. Complete information may be gained by addressing the head of department.

Forensic Club. This club will be organized on the opening of the college year 1932-1933. Its purpose is to stimulate interest in intercollegiate and intramural debate and oratorical activities for both men and women.

Major and Minor Requirements

Students majoring or minoring in the department of Speech must maintain an average in the department of not less than B-.

Course requirements are arranged according to the following groups, exclusive of course 101, for a major in Speech:

- **Group I.** Speech Making, Debating, Oratory..... 15 hours
- **Group II.** Speech Science ................................ 8 hours
- **Group III.** Dramatics and Interpretation............ 7 hours
Course requirements are arranged according to the following groups, exclusive of course 101, for a minor in Speech:

Group I. Speech Making, Debating, Oratory................10 hours
Group II. Speech Science ..................................... 8 hours
Group III. Dramatics and Interpretation .................... 6 hours

Office Hours

Each member of the Speech staff will be in the department office, room 250, at least two hours each week for consultation with students. These hours will be announced and posted in the department bulletin board at the beginning of each semester. If any student finds these hours not convenient, special appointments will be made.

Speech majors and minors must consult the head of the department before planning their course work for the year.

Courses

101. Fundamentals of Speech: The work of this course embodies a study of the technique of effective public speaking. Emphasis is placed upon fundamentals—a study of the vocal apparatus, the fundamentals of effective voice work and the structure of an effective speech. The aim is to develop a forceful speaker in the case of each student and thus a maximum amount of platform work is provided. There is extensive practice in the constructing and delivering of the various types of speeches. Prerequisite to all other courses in the department.

201 (301). Speech Making: An advanced study of the fundamental theory of speech making and the delivery of several original speeches during the semester. Emphasis is placed upon speech construction and delivery. Prerequisite, course 101.

203 (344). Debating: A study of the principles of debating, work in analysis, evidence, brief-making, and the analysis of debate speeches. The class is divided into teams, giving each member an opportunity to participate in actual debating. Prerequisite, courses 101, 102 or may be taken in conjunction with 102.

302 (337). Advanced Speech Making: A detailed study of the psychological factors involved in persuading audiences, and of research in the general technique of speech making. Extensive practical experience on the platform based upon the results of these investigations. Prerequisite, courses 101, 201.

303 (202). Oral Interpretation: The course embodies a study of the technique of oral interpretation; extensive practice in expressive reading; several long readings by each student. Prerequisite, courses 101, 201, 203, 302.
305. **Advanced Oral Interpretation:** This course continues in a more extensive manner the work begun in 303 but with the emphasis placed upon platform work. Prerequisite, courses 101, 201, 203, 302, 303. I or II (2)

307 (314). **Story Telling:** A study of the technique involved in the telling of the various types of stories. Practice in the selection, preparation and variation of stories for recreational, educational, and religious programs, and in the adaptation of these stories to the various types of audiences. Prerequisite, courses 101, 201, 203, 302, 303, 305. I or II (2)

309 (302). **Recital Reading:** A study of the theory involved in the building of recital programs; extensive practice in the preparation of such and several actual recitals given by each student. Prerequisite, courses 101, 201, 203, 302, 303, 305. I or II (2)

311 (311, 313, 318). **Technical Problems of the Play Director:** A detailed study of the basic principles of scenic design, methods of construction and painting scenery; the fundamental principles of stage lighting; the costuming and make-up of various types of characters. Prerequisite, courses, 101, 201, 203, 302, 303, 305. I or II (3)

313. **Play Production:** A detailed study in stage technique from the actor's standpoint as well as from the producer's standpoint. Members of the class are given experience in directing plays under the supervision of the instructor. Prerequisite, courses 101, 201, 203, 302, 303, 305, 311. I or II (3)

320. **The Origin and Function of Speech (Psychology of Speech):** A detailed study of the origin of speech, the theories of voice-production, anatomy of speech, and the psychology of speech. Prerequisite, courses 101, 201, 203, 302. I or II (3)

325 (333). **Phonetics:** A detailed study of the speech sounds with their method of production for the purpose of enabling students to improve their own speech and to correct minor speech disorders. Prerequisite, courses 101, 201, 203, 302, 320. I or II (2)

326 (334). **Speech Correction:** A detailed study of the various types of speech disorders, their causes and methods of treatment and practice in clinical procedure. Prerequisite, courses 101, 201, 203, 302, 325. I or II (3)

328 (336). **Advanced Speech Correction:** A continuation of course 326 with a detailed study and discussion of the recent contributions to speech pathology. Clinic practice. Prerequisite, courses 101, 201, 203, 302, 320, 326. I or II (2)

338. **Advanced Speech Making:** A study of the construction and delivery of twenty-five to forty-five minute speeches, fundamentals of interview, and radio speech making, with practice in each. Prerequisite, courses 101, 201, 203, 302. I or II (3)
345. Advanced Debating: A course in intercollegiate debating. Lectures on technique and delivery. The classes are composed of the men and women on the debate squads. The questions of the year are used as class work. The class is divided into teams and several debates of an intercollegiate character are held. Prerequisites, courses 101, 201, 203, 302. I or II (2)

351. Oratory: An investigation of the important periods of oratory and the rhetorical theory from the earliest times to the present. Case studies of various orators are made, based upon the techniques which have been discussed by various rhetoricians. Prerequisite, courses 101, 201, 203, 302, 338. I or II (2)

352. Seminar in Oratory: An intensive continuation of the work in course 351, with the emphasis placed upon case study. Prerequisite, courses 101, 201, 203, 302, 338, 351. I or II (2)

360. Seminar in Speech Correction: A continuation of course 336 with an emphasis upon case studies. Prerequisite, courses 101, 201, 203, 302, 320, 326, 328. I or II (2)

398. Methods of Teaching Speech: A course designed to meet the needs of students intending to teach courses in Speech. Lectures and discussions of the problems confronting the teacher. (This course does not count toward a major in Speech.) Prerequisite, either major or minor speech requirements fulfilled. I or II (2)

XXIII. ZOOLOGY

Professor Bruner
Associate Professor Pearson
Assistant Professors Weber and Nester

This department aims to meet the demands of a liberal education, and to prepare students for advanced work, teaching, and medicine. The elementary courses are designed partly to meet the first demand and partly to furnish a basis for more advanced studies.

The thirty hours required for a major in zoology must include courses 101, 102, 304, and 303 or 305, a total of twenty hours. Combination majors may include the same courses, together with twenty hours in chemistry or twenty hours in botany. Students whose major is zoology should take at least 10 hours of botany and 10 hours of chemistry.

A laboratory fee of $6.00 per semester is charged for courses 101, 102, 303, 304, 305, 308, 310; for courses 116, 306, 307, 312 (with laboratory), $4.00; for courses 313 and 314, $3.00; for courses 309, 311, 315 and 320 there is no fee.
Courses

101, 102. Elementary Zoology: First semester, invertebrates; second semester, vertebrates. Recitations, lectures, and laboratory work. A continuous course for those who elect zoology as a required science but credit will be given for either 101, 102 if taken separately. Lectures, three hours. Laboratory, four hours weekly. Fee, $6.00. I, II (5)

116. Animal Biology: An introduction to the general principles of biology, with laboratory work on a series of animals which illustrate these principles. The frog is used as a type of the vertebrates. The course is intended for those who have had no previous work in zoology. It may be offered as a prerequisite to physiology (course 308) or comparative anatomy (course 305). Fee, $4.00. I (3)

303. Histology of Vertebrates: Lectures, 2 hours. Laboratory, 10 hours per week. Fee, $6.00. II (5)

304. Embryology of Vertebrates: Prerequisite, courses 101, 102. Lectures, 2 hours. Laboratory, 10-15 hours weekly. Fee, $6.00. A breakage ticket, value $10.00, must be purchased by each student. II (5)

305. Comparative Anatomy of Vertebrates: Lectures, 2 hours. Laboratory, 10-15 hours weekly. Prerequisite, zoology 102 or zoology 116. Fee, $6.00. I (5)

306, 307. Invertebrate Zoology: A study of invertebrate groups, exclusive of the air-breathing Arthropoda. Lectures, 1 hour. Laboratory, 4 hours. Given in 1931-1932 and in alternate years thereafter. Fee, $4.00. I (3)

308. Physiology: A course in human physiology, including lectures, recitations, and laboratory work. Prerequisite, 102 or 116. Lectures, 2 hours. Laboratory, 6 hours weekly. Fee, $6.00. A breakage deposit of $4.00 must be made by each student. II (5)

309. Organic Evolution: Prerequisite, courses 101, 102, or the equivalent. II (2)

310. Microtechnique: Methods and practice in the preparation of slides that have a laboratory value. Eight hours weekly. Fee, $6.00. II (3)

311. The Teaching of Zoology: A course intended especially for students who are preparing to teach zoology in secondary schools. Prerequisite, 10-20 hours of college zoology. For those preparing to teach in Indiana, the prerequisites for the course will be 15 hours under Option I; 15 hours under Option II; 20 hours under Option IV. The course will be given only in alternate years, beginning 1931-1932. II (2)

312. Cytology: A study of the structure and physiology of the cell, and its function in heredity and development. The course is given with lectures only (2 hours credit) or with lectures and laboratory (3 hours credit). A fee of $4.00 for laboratory work. I (2 or 3)
[313. General Entomology: An introductory course, covering the history and development of the science, the anatomy of insects and the principles of their classification, with a more detailed study of the important groups. Lectures, 2 hours. Laboratory, 2-4 hours. Fee, $3.00. I (3)]

[314. Ornithology: A course designed to acquaint the student with our common birds, as well as to give some knowledge of the fundamental structures, characteristics, and the basis of classification of birds in general. Lectures, 2 hours. Laboratory, 2 to 4 hours. Fee, $3.00. II (3)]

315. Hygiene: A study of the laws of health and disease to the end that health may be achieved and preserved. Health problems of students, athletes, industrial workers and the average citizen will be discussed. No previous study of zoology or biology is required. II (2)

318. Heredity and Eugenics: The laws, principles, and physical basis of inheritance; their application to man and a discussion of the improvement of human society. I (2)

320. Zoological Literature: Open to students who are taking advanced courses. Credit by special agreement only. I, II (1)

Graduate Courses
(By special arrangement only.)

Bruner.

Bruner.

503. Research in Cytology.
Pearson.

504. Research in Taxonomy.
Pearson.

505. Research in Entomology.
Weber.

506. Research in General Physiology.
Nester.

SPECIAL CURRICULA

Courses in Business Administration

To meet the needs of students preparing for careers in business, law, journalism, social service, or public service, courses are offered leading to the degree of Bachelor of Science in Business Administration. These courses combine the more directly cultural subjects with those having an immediate and practical bearing on some of the daily vocations. One hundred and twenty-four hours, including physical education, are required for graduation.

Because of its industrial, commercial, financial, and political importance, Indianapolis offers a peculiarly good laboratory for students in any of these lines of work.
The work of the first two years of these courses is very largely prescribed, but considerable freedom of choice is permitted among the more advanced courses to enable the student to prepare for a chosen line of work. The following curriculum in general business is suggested as the basis for such election. On consultation with the head of the department, courses in preparation for special lines of business as well as for law, journalism, social service, and public service may be substituted for a part of this curriculum in the junior and senior years.

**FRESHMAN**

<table>
<thead>
<tr>
<th><strong>FIRST SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
<th><strong>SECOND SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>5</td>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>Modern Language</td>
<td>5</td>
<td>Modern Language</td>
<td>5</td>
</tr>
<tr>
<td>Economic Resources</td>
<td>2 or 3</td>
<td>Economic History</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>Elective</td>
<td>2 or 3</td>
</tr>
<tr>
<td></td>
<td><strong>15 or 16</strong></td>
<td></td>
<td><strong>15 or 16</strong></td>
</tr>
</tbody>
</table>

**SOPHOMORE**

<table>
<thead>
<tr>
<th><strong>FIRST SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
<th><strong>SECOND SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>5</td>
<td>Credit and Banking</td>
<td>3</td>
</tr>
<tr>
<td>Science or Mathematics</td>
<td>5</td>
<td>Science or Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>Elective</td>
<td>2 or 3</td>
<td>Elective</td>
<td>4 or 5</td>
</tr>
<tr>
<td></td>
<td><strong>15 or 16</strong></td>
<td></td>
<td><strong>15 or 16</strong></td>
</tr>
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</table>

**JUNIOR**

<table>
<thead>
<tr>
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<th><strong>HOURS</strong></th>
<th><strong>SECOND SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Finance</td>
<td>3</td>
<td>Insurance</td>
<td>3</td>
</tr>
<tr>
<td>Public Utilities</td>
<td>3</td>
<td>Labor Problems</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>Marketing</td>
<td>3</td>
<td>Elective Finance</td>
<td>6 or 7</td>
</tr>
<tr>
<td>Elective</td>
<td>3 or 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>15 or 16</strong></td>
<td></td>
<td><strong>15 or 16</strong></td>
</tr>
</tbody>
</table>

**SENIOR**

<table>
<thead>
<tr>
<th><strong>FIRST SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
<th><strong>SECOND SEMESTER</strong></th>
<th><strong>HOURS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistics</td>
<td>3</td>
<td>Land Economics</td>
<td>3</td>
</tr>
<tr>
<td>Business Law</td>
<td>3</td>
<td>Investments</td>
<td>2</td>
</tr>
<tr>
<td>Combination Trusts</td>
<td>3</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6 or 7</td>
<td>Seminar</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>15 or 16</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

It is recommended that the electives be taken mainly in the field of economics, history and political science, sociology, and philosophy.

The degree of Bachelor of Science may be obtained in Home Economics by meeting the following requirements:
### Home Economics

#### Foods Group

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foods</td>
<td>(10)</td>
</tr>
<tr>
<td>General Inorganic Chemistry</td>
<td>(10)</td>
</tr>
<tr>
<td>General Organic Chemistry</td>
<td>(5)</td>
</tr>
<tr>
<td>Animal Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>Physiology</td>
<td>(5)</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>(3)</td>
</tr>
<tr>
<td>Interior Decoration</td>
<td>(5)</td>
</tr>
<tr>
<td>Child Care</td>
<td>(3)</td>
</tr>
<tr>
<td>Home Nursing</td>
<td>(2)</td>
</tr>
<tr>
<td>Principles of Art</td>
<td>(5)</td>
</tr>
<tr>
<td>Textiles</td>
<td>(5)</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>(5)</td>
</tr>
<tr>
<td>French</td>
<td>(5)</td>
</tr>
<tr>
<td>English</td>
<td>(10)</td>
</tr>
<tr>
<td>Nutrition</td>
<td>(10)</td>
</tr>
<tr>
<td>Dietetics</td>
<td>(5)</td>
</tr>
</tbody>
</table>

#### Clothing Group

The Clothing Group substitutes Costume Design and History of Costume for Nutrition and Dietetics.

The degree of Bachelor of Arts in Home Economics may be obtained by selecting 30 hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foods</td>
<td>(5)</td>
</tr>
<tr>
<td>Clothing</td>
<td>(6)</td>
</tr>
<tr>
<td>Principles of Art</td>
<td>(5)</td>
</tr>
<tr>
<td>Textiles</td>
<td>(5)</td>
</tr>
<tr>
<td>Home Decoration</td>
<td>(5)</td>
</tr>
<tr>
<td>Child Care</td>
<td>(3)</td>
</tr>
<tr>
<td>Home Nursing</td>
<td>(2)</td>
</tr>
<tr>
<td>History of Costume</td>
<td>(2)</td>
</tr>
<tr>
<td>History of Architecture</td>
<td>(5)</td>
</tr>
</tbody>
</table>

### Two-Year Pre-medical Course

#### First Year

<table>
<thead>
<tr>
<th>I Semester</th>
<th>II Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zooology (5)</td>
<td>Zoology (5)</td>
</tr>
<tr>
<td>Chemistry (5)</td>
<td>Chemistry (5)</td>
</tr>
<tr>
<td>Foreign Language (5)</td>
<td>Foreign Language (5)</td>
</tr>
</tbody>
</table>

#### Second Year

<table>
<thead>
<tr>
<th>Physics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry (5)</td>
</tr>
<tr>
<td>Foreign Language (5)</td>
</tr>
<tr>
<td>English (2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry (3)</td>
</tr>
<tr>
<td>Embryology (5)</td>
</tr>
<tr>
<td>English (2)</td>
</tr>
</tbody>
</table>
Students who take their premedical courses at Butler University should take chemistry 101, 102, and zoology 101, 102 in their freshman year, in order to avoid conflicts in later years. Those who wish to complete their premedical studies in two years should follow the program given above. All premedical students are required to take English composition.

One-Year Pre-dental Course

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I</strong> Semester</td>
<td><strong>II</strong> Semester</td>
</tr>
<tr>
<td>Chemistry (5)</td>
<td>Chemistry (5)</td>
</tr>
<tr>
<td>English (5)</td>
<td>English (5)</td>
</tr>
<tr>
<td>Zoology (5)</td>
<td>Zoology (5)</td>
</tr>
</tbody>
</table>

One semester of physics is required if physics was not included in the high school course.

A minimum of 30 grade points is required.

Affiliated Schools


Butler University and Arthur Jordan Conservatory of Music are co-operating in the preparation of music teachers and supervisors for all grades of Public School Music. In this co-operation the applied and theoretical music courses are given by the Arthur Jordan Conservatory of Music and the professional and academic courses are given by Butler University. The degree is granted by Butler University and the Arthur Jordan Conservatory of Music upon the recommendation of the faculties of the two institutions.

Students taking the course in Music shall meet all requirements for admission to Butler University.

<table>
<thead>
<tr>
<th>YEAR I</th>
<th>FIRST SEMESTER</th>
<th>Hours</th>
<th>SECOND SEMESTER</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to Education</td>
<td>3</td>
<td>Elementary Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>3</td>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Harmony I</td>
<td>2</td>
<td>Harmony II</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Sight Singing, Dictation I</td>
<td>2</td>
<td>Sight Singing, Dictation II</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Music Appreciation I (Cultural)</td>
<td>2</td>
<td>Music Appreciation II (Cultural)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Piano</td>
<td>2</td>
<td>Piano</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Voice</td>
<td>2</td>
<td>Voice</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>16</strong></td>
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<td><strong>16</strong></td>
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</table>
### YEAR II

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Teaching of Music, Methods A</td>
<td>3</td>
</tr>
<tr>
<td>Harmony III</td>
<td>2</td>
</tr>
<tr>
<td>Sight Singing, Dictation III</td>
<td>2</td>
</tr>
<tr>
<td>Teaching Appreciation I</td>
<td>1</td>
</tr>
<tr>
<td>Voice</td>
<td>2</td>
</tr>
<tr>
<td>Piano</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
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</tbody>
</table>

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Teaching of Music, Methods B</td>
<td>3</td>
</tr>
<tr>
<td>Harmony IV</td>
<td>2</td>
</tr>
<tr>
<td>Sight Singing, Dictation IV</td>
<td>2</td>
</tr>
<tr>
<td>Teaching Appreciation II</td>
<td>1</td>
</tr>
<tr>
<td>Observation and Practice Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Piano</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
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</tbody>
</table>

### YEAR III

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>Teaching of Music, H. S. Methods C</td>
<td>3</td>
</tr>
<tr>
<td>Orchestral Methods (String)</td>
<td>1</td>
</tr>
<tr>
<td>Counterpoint I</td>
<td>2</td>
</tr>
<tr>
<td>History of Music I</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching of Music, H. S. Methods D</td>
<td>3</td>
</tr>
<tr>
<td>Orchestral Methods (Wood Wind)</td>
<td>1</td>
</tr>
<tr>
<td>Counterpoint II</td>
<td>2</td>
</tr>
<tr>
<td>History of Music II</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
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<td><strong>Total</strong></td>
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### YEAR IV

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Orchestral Methods (Brass)</td>
<td>1</td>
</tr>
<tr>
<td>Form Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Composition</td>
<td>2</td>
</tr>
<tr>
<td>General Survey</td>
<td>3</td>
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<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td>Applied Music</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchestral Methods (Percussion)</td>
<td>1</td>
</tr>
<tr>
<td>Harmonic Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Instrumentation</td>
<td>2</td>
</tr>
<tr>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>Observation and Practice Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td>Applied Music</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

Electives may be chosen from the following subjects: Applied music, English, language, science, history, psychology, or public speaking.

All students in this course are required to participate in all the group activities of the Orchestra, Glee Club, Chorus, etc., as it is a necessary part of their training. This will be credited as unprepared work.

Some substitutions in the last year of this course may be made by special permission.
Course for Instrumental Supervisors

The amazing growth of Band and Orchestral music in the schools in the last few years has created a demand for teachers who are qualified to teach instrumental music and direct these organizations. To meet this condition a course of study including the regular Public School Music Course as outlined, but deviating from it in methods and applied work, is offered to those who wish to specialize in this line of work. The entrance requirements are the same as for the regular course, except that those who enroll for this course must show a proficiency upon some instrument in the orchestral group, should have a general knowledge of all of them, and in addition should show a capacity for the leadership that is required in this type of work.

Regular High School Course
(For State License)

Applicants who present 24 semester hours of general academic credit in music will be granted a license in that subject, provided such applicant presents full credit in one other subject group. The 24 semester hours should be divided approximately as follows: 12 semester hours in Public School Methods and 12 semester hours in theoretical and applied subjects. The work in theoretical and applied subjects should be divided about equally.

Electives in Music Allowed Toward Butler University

Baccalaureate Degrees

Regular students in Butler University may take electives not to exceed 16 hours in theoretical music subjects at the Arthur Jordan Conservatory of Music. The selection of these electives, with not more than 4 hours in any one subject, may be taken from the following list:

1. History of Music
2. Harmony
3. Music Appreciation
4. General Theory
5. Sight Singing, Ear Training, and Dictation
6. Musical Form and Analysis

II. The John Herron Art Institute.

Through an arrangement between Butler University and the John Herron Art Institute courses in art are offered which may be credited toward a baccalaureate degree or a fine arts degree. A special teachers' training course in art is offered for the preparation of art teachers and supervisors of art in the public schools, and students who do not intend to prepare for the teaching toward a college degree. Students taking courses in Art shall meet all requirements for admission to Butler University.

Three departments are maintained at the art school: A Fine Arts Department, a Commercial Arts Department, and the Teachers' Training Department. The class work includes painting, drawing from life, drawing from cast, illustration and decorative composition, interior decoration, mechanical drawing and perspective, commercial art, show card designing, theater designing, modeling and study of anatomy, principles of design, and a survey of art.
The Museum with which the school is associated is open free to the students and they may work directly from the subjects exhibited therein. No finer combination for intelligent progress can be imagined than in an art school thus augmented by an art museum fully equipped and rich in art treasures.

**Teachers’ Training Course**

**YEAR I**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Teaching</td>
<td>3</td>
</tr>
<tr>
<td>El. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>4</td>
</tr>
<tr>
<td>History of Art</td>
<td>2</td>
</tr>
<tr>
<td>Drawing and Painting from Still Life</td>
<td>3</td>
</tr>
<tr>
<td>Drawing from Cast and Study of Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>Design and Lettering</td>
<td>6</td>
</tr>
<tr>
<td>Historic Design</td>
<td>2</td>
</tr>
<tr>
<td>Mechanical Drawing</td>
<td>3</td>
</tr>
<tr>
<td>Pictorial and Decorative Composition</td>
<td>3</td>
</tr>
<tr>
<td>Total for Year I</td>
<td>32</td>
</tr>
<tr>
<td>Freehand Drawing (No Credit)</td>
<td>3</td>
</tr>
</tbody>
</table>

**YEAR II**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>English Literature</td>
<td>3</td>
</tr>
<tr>
<td>History—American</td>
<td>3</td>
</tr>
<tr>
<td>Special Methods</td>
<td>3</td>
</tr>
<tr>
<td>Practice Teaching and Observation in Elementary Schools</td>
<td>3</td>
</tr>
<tr>
<td>Drawing from Costume Model</td>
<td>3</td>
</tr>
<tr>
<td>Drawing and Painting from Still Life</td>
<td>3</td>
</tr>
<tr>
<td>Design (Advanced or Costume)</td>
<td>3</td>
</tr>
<tr>
<td>Pictorial and Decorative Composition</td>
<td>3</td>
</tr>
<tr>
<td>Total for Year II</td>
<td>30</td>
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</tbody>
</table>

**YEAR III**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>Electives, French, History, Literature, History of Art, Practice Teaching, Sociology</td>
<td>6</td>
</tr>
<tr>
<td>Electives—Art</td>
<td>3</td>
</tr>
<tr>
<td>Methods of Teaching in High School</td>
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<tr>
<td>Practice Teaching and Observation in High Schools</td>
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<td>Drawing from Life</td>
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**YEAR IV**

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<td>Appreciation, French</td>
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<td>Methods of Supervision and Plans for Supervision of Art</td>
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<tr>
<td>Practice Work in Supervision of Grade and High School Classes, Observation of Supervision</td>
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<td>Painting from Still Life or Interiors</td>
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<tr>
<td>Drawing and Painting from Costume Model</td>
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<tr>
<td>Painting from Life</td>
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</tr>
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<td>Applied Design</td>
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<td>Theatre Design</td>
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<td>Illustration</td>
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<td>Total for Year IV</td>
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<td>Total for Four Years</td>
<td>124</td>
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Unit of Credit Is: Two hours of studio work per week of a semester of eighteen weeks, or one hour of lecture work per week for eighteen weeks. No credit is given for less than one semester's work.

At the completion of the course the degree of Bachelor of Fine Arts will be conferred by Butler University.

Electives in Art Allowed Toward Butler University Baccalaureate Degrees

Regular students in Butler University may take electives not to exceed 14 hours in Art subjects at the John Herron Art Institute. The selection of these electives may be taken from the following: Four hours in History and Appreciation, and not more than ten in studio.

WHY GO TO COLLEGE?

"To be at home in all lands and ages, to count Nature a familiar acquaintance, and Art an intimate friend; to gain a standard for the appreciation of other men's work and the criticism of your own; to carry the keys of the world's library in your pocket, and feel its resources behind you in whatever task you undertake; to make hosts of friends among the men of your age who are to be leaders in all walks of life; to lose yourself in generous enthusiasms and co-operate with others for common ends; to learn manners from students who are gentlemen, and form character under professors who are Christians, this is the offer of the college for the best four years of your life."—The late President Hyde of Bowdoin College.
### REGISTER OF STUDENTS

#### 1931

#### DEGREES CONFERRED

**BACHELOR OF ARTS**

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Verna Ansorge</td>
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<td>Martha A. Barber</td>
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<td>Ward Mitchell Barrick</td>
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<td>Paul Andrew Batties</td>
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<td>Rosemary Bretznan</td>
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<td>Wilhelmina Feaster</td>
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### IN JOURNALISM

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### IN HOME ECONOMICS

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<td>Flora Ellen Walters</td>
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</table>
Alfred E. Poe
A. B., Butler University, 1929.
Graduate Major, Sociology.
Thesis: Old Age Security.

John E. Potzger
A. B., Butler University, 1927.
Graduate Major, Botany.
Thesis: Rhythms of Cell Division in Roots of Allium Copra L.

Frank W. Sumner
A. B., Butler University, 1915.
B. S. L., Butler University, 1926.
Graduate Major, Education.
Thesis: The Bearing of Church Relationships, Doctrinal Beliefs, Church Attendance and Bible Reading on the Part of the Parents on the Character and Personality of Their Children.

Helen Tichener
A. B., Butler University, 1913.
Graduate Major, Education.

Dean Everest Walker
A. B., Tri-State College, 1922.
B. D., Butler University, 1928.
Graduate Major, New Testament.
Thesis: The Teaching of Jesus According to Urmareus.

HONORS

MAGNA CUM LAUDE—Marguerite Doriot
Thesis: James Whitcomb Riley and the Newspaper.

Honor Gregory

Gladys Hawickhorst

Warren K. Isom
Thesis: The Spirit of the Hoosiers During the Mexican War.

Oran Stanley
Thesis: Fat Deposits in Certain Ericaceae.

Dorothy Stoeltig
Thesis: *Diphylllobothrium latum*, the Fish Tapeworm.

Rosalind Taylor
Thesis: Cicero’s Leisure Hours.

CUM LAUDE—Helen Thomas Arnold
Lois Cowgill
John Wesley Eastes
Clayde Reber Fisher
Helma E. Kahn
Norma Helen Minkner
Florence Louise Rathert
Cora Lynn Stoops
Lucile Palmer Wright
PHI KAPPA PHI

Seniors

Helen Arnold
Theodosia Arnold
Margaret Barker
Frederick M. Baumgartner
Frieda Binninger
Rosemary Bretzman
Lois Cowgill
Elizabeth L. Davis
Barbara Alice Dickey
Marguerite Doriot
John Wesley Eastes
Cloyde Fisher
Honor Gregory
Gladys Hawickhorst
Warren Isom
Mary Alice Jay

Helma E. Kahn
Gretchen Alise Kemp
Maynard Franklin Lemen
Norma Minkner
Morris H. Pullin
Dorothy Quick
Florence Rathert
Hilda Reeder
Joan Sink
Oran B. Stanley
Dorothy Stoelting
Cora L. Stoops
Rosalind M. Taylor
Harold Theodore Vehling
Lucile Wright.

Graduate Students

Dean E. Walker
John E. Potzger

HIGHEST STANDING FOR SENIORS who have made as many as ninety semester hours in Butler University: Cloyde Fisher, Florence L. Rathert, Rosalind M. Taylor.

SENIOR SCHOLARSHIPS—Full Tuition: Evelyn Rodibaugh
Half Tuition: Lois Ann Hodgin
Emma Lee Tinsley

WOODS HOLE SCHOLARSHIP—Byron Kilgore
GRA DUATE STUDENTS

Catalogue of Students—Annual Session Ending June 15, 1932. Where no address is given, Indianapolis is understood.

Aldrich, Myrtle Clarice
Aston, Alice B., New Augusta
Batties, Paul Andrew
Beck, Violet Katherine
Becn, Mary Louise
Boling, Dorothy Alma, Greensburg
Boyd, Ralph Henry, Westfield
Calvert, Owen Meredith, Muncie
Ceel, George
Deming, Ruth Schuler
Esten, Mabel Marie
Evans, William Arthur, Brazil
Green, Everett Edward
Hammersley, William LaMoine, Frankfurt
Harman, Susie E. Mae, Chicago, Ill.
Harrison, Margaret
Keller, Don B.
Kincaid, Martha May
Lentz, Nancy Ethel
Lindsey, Alva John
Mulholland, George Edmond
Pettijohn, Martha Grace
Phillips, Hermon Edgar
Platt, Hollis Winifred
Pittcnger, Martha Katherine
Prebster, Marian Alice, Pittsboro
Reichel, Louis
Renn, Florence Harriet
Scanlon, Edward F., Stoughton, Wis.
Schuler, Thelma Charlotte
Smith, Clifford Sebring
Taylor, Fred Millikan
Taylor, Rosalind Mardell
Terry, Frankie Louise
Thiel, Joseph William, Batesville
Torian, Anna
Wainwright, Charlotte Ruth
Walker, William Wesley
Waters, Phyllis W.
Watford, Alonzo John
Wilson, Thomas Wayne

UN D E R GRADUATE STUDENTS

The numbers following names indicate total hours of credit at the close of the first semester, 1931-1932.

Where no address is given, Indianapolis is understood.

Abdon, Horace George, 77
Abdon, Howard, 16
Adams, James Virgil, 102
Adams, Magdalene L., 48
Adams, Margaret Louise, 16, Grosse Pointe, Mich.
Adams, Mary Elizabeth, 43
Adams, Muriel Elinor, 110
Ahern, William James, 22
Akin, Elizabeth Aleene, 51
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BUTLER UNIVERSITY ENROLLMENT
1931-32

College of Liberal Arts and Sciences
Men, 714. Women, 737. Total, 1451

College of Religion
Men, 141. Women, 26. Total, 167

College of Education
Men, 7. Women, 280. Total, 287*

Mid Spring and Summer
(College of Education) Men, 4. Women, 169. Total, 173

Summer Session
Men, 305. Women, 468. Total, 773

Evening Credit Courses
Men, 123. Women, 611. Total, 734

Annual Enrollment—3,585

*231 Liberal Arts students enrolled in courses in the College of Education during the year.