BUTLER UNIVERSITY

A Christian Institution of Higher Learning with a Non-Sectarian Spirit and Program

JAMES WILLIAM PUTNAM, PH.D., LL.D.,
President

The College of Liberal Arts and Sciences and Junior College
The College of Religion
The College of Education
The College of Business Administration
The Division of Graduate Instruction
The Division of Evening Courses
The Summer Session

AFFILIATED SCHOOLS
The Arthur Jordan Conservatory of Music
The John Herron Art School
BUTLER UNIVERSITY BULLETIN

Vol. XXVI  Indianapolis, Indiana, June, 1938  No. 4

Entered as second-class matter August 11, 1913, at the postoffice at Indianapolis, Indiana, under Act of August 24, 1912.

BUTLER UNIVERSITY

For the Eighty-third Session
1937-1938

With Announcements for
1938-1939

INDIANAPOLIS, INDIANA
**BUTLER UNIVERSITY CALENDAR**

**Summer Session 1938**

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>June 14</td>
<td>Tuesday, 8:00 a. m. to 5:00 p. m.</td>
</tr>
<tr>
<td>June 15</td>
<td>Wednesday, 7:30 a. m. Instruction Begins</td>
</tr>
<tr>
<td>July 4</td>
<td>Monday Holiday</td>
</tr>
<tr>
<td>July 5</td>
<td>Tuesday Theses for Graduate Degrees Due</td>
</tr>
<tr>
<td>August 4, 5</td>
<td>Thursday, Friday, Examinations for Graduate Degrees</td>
</tr>
<tr>
<td>August 4, 5</td>
<td>Thursday, Friday Final Examinations</td>
</tr>
<tr>
<td>August 5</td>
<td>Friday Summer Session Closes</td>
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**Post-Summer Session 1938**

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<th>Date</th>
<th>Event</th>
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<tr>
<td>August 8-27</td>
<td>Monday to Saturday Post-Summer Session</td>
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**First Semester 1938-1939**

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>September 8, 11</td>
<td>Thursday to Sunday Entrance Conference and Freshman Week</td>
</tr>
<tr>
<td>September 12</td>
<td>Monday, 8:00 a. m. Registration for Upper Classmen</td>
</tr>
<tr>
<td>September 12</td>
<td>Monday Registration and First Meeting of Evening Classes</td>
</tr>
<tr>
<td>September 13</td>
<td>Tuesday, 8:00 a. m. Instruction Begins</td>
</tr>
<tr>
<td>October 15</td>
<td>Saturday Homecoming</td>
</tr>
<tr>
<td>October 22</td>
<td>Saturday First Six Weeks Reports</td>
</tr>
<tr>
<td>November 23</td>
<td>Wednesday, 9:45 p. m. Thanksgiving Vacation Begins</td>
</tr>
<tr>
<td>November 28</td>
<td>Monday, 8:00 a. m. Thanksgiving Vacation Ends</td>
</tr>
<tr>
<td>December 3</td>
<td>Saturday Second Six Weeks Reports</td>
</tr>
<tr>
<td>December 16</td>
<td>Friday Theses for Graduate Degrees Due</td>
</tr>
<tr>
<td>December 21</td>
<td>Wednesday, 9:45 p. m. Christmas Vacation Begins</td>
</tr>
<tr>
<td>January 3</td>
<td>Tuesday, 8:00 a. m. Christmas Vacation Ends</td>
</tr>
<tr>
<td>January 9-20</td>
<td>Monday to Friday, Pre-registration Advising</td>
</tr>
<tr>
<td>January 16-20</td>
<td>Monday to Friday, Examinations for Graduate Degrees</td>
</tr>
<tr>
<td>January 23</td>
<td>Monday Final Examinations Begin</td>
</tr>
<tr>
<td>January 27</td>
<td>Friday Semester Ends</td>
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**Second Semester 1938-1939**

<table>
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<tr>
<th>Date</th>
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<tbody>
<tr>
<td>January 30</td>
<td>Monday Registration and First Meeting of Evening Classes</td>
</tr>
<tr>
<td>January 31</td>
<td>Tuesday, 8:00 a. m. to 5:00 p. m. Registration</td>
</tr>
<tr>
<td>February 1</td>
<td>Wednesday, 8:00 a. m. Instruction Begins</td>
</tr>
<tr>
<td>February 7</td>
<td>Tuesday Founders' Day</td>
</tr>
<tr>
<td>March 11</td>
<td>Saturday First Six Weeks Reports</td>
</tr>
<tr>
<td>April 1</td>
<td>Saturday, 12:00 m. Spring Vacation Begins</td>
</tr>
<tr>
<td>April 10</td>
<td>Monday, 8:00 a. m. Spring Vacation Ends</td>
</tr>
<tr>
<td>April 28</td>
<td>Friday Theses for Graduate Degrees Due</td>
</tr>
<tr>
<td>April 29</td>
<td>Saturday Second Six Weeks Reports</td>
</tr>
<tr>
<td>May 4</td>
<td>Thursday Honor Day</td>
</tr>
<tr>
<td>May 15-26</td>
<td>Monday to Friday Pre-registration Advising</td>
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<tr>
<td>May 30</td>
<td>Tuesday Holiday</td>
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<tr>
<td>May 29, 31,</td>
<td>Monday, Wednesday to Friday Examinations for Graduate Degrees</td>
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<tr>
<td>June 1, 2</td>
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<tr>
<td>June 2</td>
<td>Friday Final Examinations Begin</td>
</tr>
<tr>
<td>June 9</td>
<td>Friday, 7:00 p. m. Phi Kappa Phi Banquet</td>
</tr>
<tr>
<td>June 10</td>
<td>Saturday Alumni Reunions and Class Day</td>
</tr>
<tr>
<td>June 11</td>
<td>Sunday Baccalaureate Sermon</td>
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<td>June 12</td>
<td>Monday 84th Annual Commencement</td>
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**Summer Session 1939**

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<th>Date</th>
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<tbody>
<tr>
<td>June 13</td>
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OFFICERS AND FACULTY

BOARD OF DIRECTORS

Hilton U. Brown, President and ex-officio member of committees, Indianapolis, Indiana

Emsley W. Johnson, Vice-President and Chairman of Executive Committee, Indianapolis, Indiana

William G. Irwin, Chairman of Finance Committee and President of Butler Foundation, Columbus, Indiana

John W. Atherton, Secretary-Treasurer, Indianapolis, Indiana.

Crate D. Bowen, Miami, Florida

Arthur V. Brown, Indianapolis, Indiana

Lee Burns, Indianapolis, Indiana

Earl Crawford, Connersville, Indiana

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George A. Frantz, Indianapolis, Indiana

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Peter C. Reilly, Indianapolis, Indiana

Mrs. A. M. Robertson, Indianapolis, Indiana

W. A. Shullenberger, Indianapolis, Indiana

John A. Titsworth, Rushville, Indiana

CITY OFFICE

John W. Atherton, Secretary-Treasurer, 905 Majestic Building, Indianapolis

OFFICERS OF ADMINISTRATION

James William Putnam, Ph. D., LL. D., President of the University

Gino Arturo Ratti, Ph. D., 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., Director of the Division of Graduate Instruction and Curator of the Museum

George F. Leonard, A. M., Director of the Evening Division

Glenn Robert Maynard, A. M., B. L. S., Librarian

Alice Bidwell Wesenberg, A. M., Chairman of Women’s Council

A. Dale Beeler, A. M., Chairman of Men’s Council

J. T. C. McCallum, M. D., University Physician

Mary Dixon, B. R. E., R. N., University Nurse

Ruth Schuler Deming, A. B., Acting Registrar and Examiner

Charles W. Wilson, Bursar of the University

John Barnett, Director of the Bureau of Publicity

Everett E. Meyers, Superintendent of Buildings and Grounds
THE ADMINISTRATIVE COUNCIL

The Council is the central legislative and administrative body for the direction of the academic program of the University. The personnel of the Administrative Council is as follows:

JAMES WILLIAM PUTNAM, President
GINO ARTURO RATTI, Dean of the College of Liberal Arts and Sciences
FREDERICK DOYLE KERSHNER, Dean of the College of Religion
WILLIAM LEEDS RICHARDSON, Dean of the College of Education
HENRY LANE BRUNER, Director of the Division of Graduate Instruction

Three Faculty Representatives: Amos B. Carlile, Allegra Stewart, Clyde L. Clarke

This Council is the co-ordinating agency of all departments of the University and determines all general regulations in the administrative organization of the University.

GENERAL UNIVERSITY COMMITTEES

For the execution of its regulations, the Administrative Council has created fifteen committees, which are responsible to it and which administer general university affairs.

ADMISSIONS: Gelston, Kershner, Ratti, Richardson, Registrar
ATHLETICS: Gelston, Shadinger
AUDITING: Leonard, Lutz, Palmer, Wilson
BULLETINS: Stewart, Griffeth, Carlile, Helming, Bridenstine, Registrar
CAMPUS: Friesner, Wilson
CURRICULA: Friesner, Bridenstine, Colbert, Nakarai, Macdonald, Leonard, Registrar

DISCIPLINE: Baumgartner, Beeler, Leonard, Mock, Nakarai, Mrs. Wesenberg

LIBRARY: Maynard, Baumgartner, Carlile, Holmes

LITERARY CONTESTS: Stewart, Brunson, Renfrew, Sparks, D. E. Walker.

MEN'S COUNCIL: Beeler, Bridenstine, Carlile, Means, Nester, Schumacher

PUBLIC OCCASIONS: Gelston, Bruce Kershner, Aldrich, Elliott, Gilley, Sisson, E. Walker, Wilhite

RELIGIOUS ACTIVITIES: Griffeth, Brunson, Journey, Peeling

SCHEDULE: Beal, Hyde, Nakarai, Registrar

SCHOLARSHIPS: Beeler, Gelston, Griffeth, Mock, Moore, Pearson, Mrs. Wesenberg

STUDENT PUBLICATIONS: Palmer, Cade, Hyde, Means, Walters, Welling

WOMEN'S COUNCIL: Mrs. Wesenberg, Mrs. Baumgartner, Colbert, Journey, Morrison
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ADMINISTRATION: Ratti, Gelston, Beeler, Elliott, Pearson
CURRICULUM: Friesner, Stewart, Beal, Macdonald, Registrar
GRADUATION HONORS: Harrison, Macdonald
SPECIAL ADVISORY COMMITTEE: Means, Potzger, Renfrew, Aldrich

COMMITTEES OF THE COLLEGE OF RELIGION

ADMINISTRATION: Dean Kershner, Bruce Kershner, Nakarai
CHAPEL: Dean Kershner, Holmes, Moore
CURRICULUM: Nakarai, Walker, Holmes
DEGREES: Bruce Kershner, Walker, Griffeth
LIBRARY: Holmes, Griffeth, Moore
SCHOLARSHIPS: Bruce Kershner, Griffeth, Walker
STUDENT WELFARE: Griffeth

COMMITTEES OF THE COLLEGE OF EDUCATION

ADMINISTRATION: Richardson, Carlile, Colbert, Mock
ADVANCED DEGREES: Mock, Carlile, Shultz
ASSEMBLY: Mock, Hyde, Patterson
BACHELORS' DEGREES: Richardson, Hyde, Shultz
CURRICULUM: Colbert, Bettcher, Mock, Townsend, Patterson
GUIDANCE: Bettcher, Carlile, Patterson, Townsend
PLACEMENT BUREAU: Leonard, Bettcher, Colbert, Patterson, Shultz

COMMITTEES OF THE COLLEGE OF BUSINESS ADMINISTRATION

ADMINISTRATION: Putnam, Beckner, Hammargren, Bridenstine
CURRICULUM: Bridenstine, Hammargren, Beckner

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Pre-Professional Advisers

HENRY LANE BRUNER, pre-Medical, pre-Dental, and pre-Nursing
Seth Earl Elliott, pre-Engineering
RAY CLARENCE FRIESNER, pre-Forestry
A. Dale Beeler, pre-Law
Ross John Griffeth, Religion
Albert Mock, Education
Russell J. Hammargren, Journalism
Earl R. Beckner, Business Administration
James Hedley Peeling, Social Service
Ida B. Wilhite, Home Economics
William Leeds Richardson, Teachers' License

Major Advisers

Head of the department in which a student is majoring
Graduate Advisers

The Division of Graduate Instruction
HENRY LANE BRUNER
The College of Religion
FREDERICK D. KERSHNER
The College of Education
WILLIAM LEEDS RICHARDSON

SECRETARIES AND ASSISTANTS

ESTHER BEININGER, B. S., Assistant in the office of the Registrar
BETH BROOKS, Student Assistant in the office of the Dean of the College of
Liberal Arts and Sciences
FAYE CANTRALL, A. B., B. S. (L. S.), Assistant Librarian
MARThA CODDINGTON, A. B., Assistant in the office of the Alumni Secretary
ALSIE CORN, Assistant in the Faculty Office
RUTH SCHULER DEMING, A. B., Assistant in the office of the Registrar
and Examiner
JEAN M. DA VIE, Assistant Manager of the Bookstore
JEANNETTA RUTH FIELDS, Assistant in the office of the Bursar of the
University
Hazel Griffin, Assistant in the office of the Registrar and Examiner
P. Hedger, Secretary in the office of the Dean of the College of Religion
ARTHUR KENDALL, Assistant in the office of the Bursar of the University
MARGARET KENDALL, Student Secretary in the Athletic Office
MARY Q. LEWIS, A. B., Secretary in the office of the Dean of the College
of Education
CARRIE W. MEREDITH, Secretary in the office of the President of the
University
HELEN H. MOORE, A. B., Assistant to the Dean of the College of Liberal
Arts and Sciences
MARY CATHERINE MANGUS, A. B., Secretary in the office of the Women's
Council
EDNA MILLER, A. B., B. S. in L. S., Reference Librarian
CATHARINE NELSON, A. B., B. S. in L. S., Loan Librarian
MIIRIAM ROESNER, A. B., Secretary to the Director of Publicity
RUTH MORRISON SANGER, Secretary to the Registrar
THELMA SCHULER, A. B., Assistant in the Catalogue department
WILLIAM M. SMITH, Assistant Superintendent of Building and Grounds
WYNONA SPEAR, Assistant in the Bookstore
JEANNE L. STEWART, Assistant in the office of the Bursar of the Uni-
versity
LEOLA D. UNDERWOOD, Secretary in the office of the Director of Evening
Division
AUSTIN W. GEMMER, Assistant in the office of the Secretary-Treasurer
KATHRYN BROMLBY, Secretary in the office of the Secretary-Treasurer
LOIS R. STEVENS, Student Assistant in the office of the Secretary-Treas-
urer
THE FACULTY OF BUTLER UNIVERSITY

JAMES WILLIAM PUTNAM

327 Buckingham Drive

President of Butler University.

Ph. B., Illinois College, 1894; A. M., Cornell University, 1903; Ph. D., University of Wisconsin, 1909; LL. D., Illinois College, 1935; LL. D., Hanover College, 1935.

CLIDE E. ALDRICH

8116 North Keystone Avenue

Assistant Professor of Romance Languages in the College of Liberal Arts and Sciences.

A. B., University of Iowa, 1922; A. M., ibid., 1924.

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A.B., Butler University, 1934.

MILTON D. BAUMGARTNER

430 Buckingham Drive

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A. B., University of Kansas, 1902; A. M., ibid., 1903; Ph. D., University of Chicago, 1913.

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A. B., Earlham College, 1901.

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ELIZABETH E. BETTCHER

111 East Sixteenth Street

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Ph. B., University of Chicago, 1921; M. S., Indiana University, 1937.

*ADA BICKING

1615 Talbott Avenue

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B. Pe., Cincinnati Conservatory, 1924.

* Director of the Arthur Jordan Conservatory of Music.
MERWYN G. BRIDENSTINE

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B. S., University of Iowa, 1924; A. M., ibid., 1927; Ph. D., ibid., 1929.

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A. B., Butler University, 1928; M. F. A., Yale University, 1932.

HENRY LANE BRUNER

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Director of the Division of Graduate Instruction.

A. B., Eureka College (Abingdon), 1880; Ph. D., University of Freiburg, Baden, 1896; Sc. D., Butler University, 1932.

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A. B., Earlham College, 1911; A. M., Columbia University, 1912.

DONALD D. BURCHARD

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A. B., Beloit College, 1925.

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B. S., University of Illinois, 1923; M. S., ibid., 1930.

Chester B. Camp

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B. S., University of Illinois, 1923; M. S., ibid., 1924.

amos BenjamiN CARLILE

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B. S., Kansas State Teachers College, 1919; Ph. D., University of Wisconsin, 1926.

ELLIOTT ELBERT CARROLL

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B. M., Butler University and Arthur Jordan Conservatory, 1932.

CLYDE L. CLARK

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* Member of the faculty of the Arthur Jordan Conservatory of Music.
† On leave of absence.
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B. S., Elmira College, 1929; M. S., Wellesley College, 1931.

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**SETH EARL ELLIOTT**.................................4624 Rookwood Avenue
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A. B., Barnard College, 1923; A. M., University of Chicago, 1925; Ph. D., *ibid.*, 1933.

**RAY CLARENCE FRIESSNER**.............................3707 North Gladstone Avenue
Professor of Botany in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., Ohio Wesleyan University, 1916; Ph. D., University of Michigan, 1919.

**HENRY MILLS GELSTON**.................................415 West Hampton Drive
Professor and Head of the Department of Classical Languages and Archaeology in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., University of Michigan, 1900; LL. D., Butler University, 1926.

**LUDWIG VON GERDTELL**.................................202 Hampton Drive
Professor of Apologetics in the College of Religion and in the Division of Graduate Instruction.
Ph. D., University of Erlangen.

**BASSFORD CASE GETCHELL**..............................4150 Boulevard Place
Assistant Professor of Mathematics in the College of Liberal Arts and Sciences.
A. B., Colby College, 1927; A. M., Harvard University, 1928; Ph. D., University of Michigan, 1934.
ROSS JOHN GRIFFETH ........................................ 202 East Thirty-second Street
Assistant Professor of Biblical History and Literature in the College of Liberal Arts and Sciences and Assistant Professor of History of Religions and Missions in the College of Religion.
A. B., Phillips University, 1923; A. M., *ibid.*, 1924; B. D., Yale University, 1925.

RUSSELL J. HAMMARGREN .................................. 2506 North Capitol Avenue
Associate Professor of Journalism in the College of Business Administration.

JOHN SMITH HARRISON .................................... 347 North Audubon Road
Professor of English in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., Columbia University, 1899; A. M., *ibid.*, 1900; Ph. D., *ibid.*, 1903.

†PAUL LELAND HAWORTH .................................. West Newton
Professor of History and Political Science in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., Indiana University, 1899; A. M., *ibid.*, 1901; Ph. D., Columbia University, 1906.

FRANK HEDDEN ............................................ 4734 Hinesley Avenue
University Instructor in Physical Education.
B. S., Butler University, 1931.

EMILY MATHILDE HELMING ................................ 552 North Central Court
Assistant Professor of English in the College of Liberal Arts and Sciences.
A. B., Butler University, 1899; A. M., Yale University, 1929.

PAUL D. HINKLE .......................................... 4711 Rookwood Avenue
University Director of Physical Education and Athletics.
B. S., University of Chicago, 1921.

ARTHUR HOLMES .......................................... 423 West Forty-third Street
Professor of the Psychology and Philosophy of Religion.

LAWRENCE HOLMES ........................................ 45 North Hawthorn Lane
University Instructor in Physical Education.
B. S., Butler University, 1937.

G. I. HOOVER ............................................. 5324 Julian Avenue
Special Professor of Practical Theology in the Graduate College of Religion.
A. B., Hiram College, 1899; B. D., University of Chicago, 1907; A. M., *ibid.*, 1907; D. D., Spokane University, 1930.

† Deceased, March 24, 1938.
MARIA WOOLLEN HYDE. Seventy-first Street and Dean Road
Assistant Professor of Elementary Education in the College of
Education.
A. B., Smith College, 1893; A. M., Indiana University, 1929.

WARREN REX ISOM. 525 Blue Ridge Road
Instructor in History and Political Science in the College of Liberal
Arts and Sciences.
A. B., Butler University, 1931; A. M., George Washington University,
1933; A. M., Harvard University, 1937.

E. JORDAN. 251 Berkley Road
Professor of Philosophy in the College of Liberal Arts and Sciences
and in the Division of Graduate Instruction.
A. B., Indiana University, 1907; A. M., Cornell University, 1908;
Ph. D., University of Chicago, 1911.

KATHRYN JAMISON JOURNEY. 542 East Thirty-third Street
Assistant Professor of Home Economics in the College of Liberal
Arts and Sciences.
A. A., Stephens Junior College, 1916; B. S., Missouri University,
1922; A. M., University of Chicago, 1928.

HAROLD KELSO. 310 North Illinois Street
Instructor in Economics and Business Administration in the College
of Business Administration.
A. B., University of Kansas, 1930; A. M., University of Wisconsin, 1935.

BRUCE L. KERSHNER. 37 Johnson Avenue
Clarence L. Goodwin Professor of New Testament Language and
Literature in the College of Religion and Professor in the Divi-
sion of Graduate Instruction.
A. B., Bethany College, 1893; A. M., ibid., 1903.

FREDERICK D. KERSHNER. 4257 Clarendon Road
Dean of the College of Religion.
Marshal T. Reeves Professor of Christian Doctrine in the College
of Religion and Professor in the Division of Graduate Instruction.
B. Litt., Transylvania University, 1899; A. M., Princeton University,
1900; LL. D., Bethany College, 1913; LL. D., Transylvania Uni-
versity, 1916.

MARSHA MAY KINCAID. 51 South Ritter Avenue
Assistant Professor of French in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1913; A. M., Indiana University, 1914.

GEORGE FRANKLIN LEONARD. 149 West Forty-sixth Street
Assistant Professor of Principles of Education and Methods in the
College of Education.
Director of Evening Division, of Summer Session, and of Student
Welfare Agencies.
B. S., Central Normal College, 1905; A. B., Wabash College, 1914;
A. M., Butler University, 1927.
JOHN S. LLOYD ........................................ 4001 Central Avenue
Acting Assistant Professor in the College of Business Administration.
A. B., University of Pennsylvania, 1917; C. P. A.

*FLORA E. LYONS ........................................ 424 East Twenty-first Street
Instructor in Music in the College of Liberal Arts and Sciences and
in the College of Education.
B. M., Indiana College of Music and Fine Arts, 1928.

JANET MALCOLM MACDONALD ........................................ 3360 North Meridian Street, Apt. E6
Professor of Classical Languages and Archaeology in the College of
Liberal Arts and Sciences and in the Division of Graduate In-
struction; Jeremy Anderson Professor of Greek; Professor of Fine
Arts in the College of Liberal Arts and Sciences.
A. B., Morningside College, 1910; A. M., University of Illinois, 1913;
Ph. D., Bryn Mawr, 1918.

KENNETH J. MARTIN ........................................ 326 Buckingham Drive
Assistant Professor of History and Political Science in the College of
Liberal Arts and Sciences.
Ph. B., Denison University, 1927; A. M., Ohio State University, 1929;
Ph. D., University of Chicago, 1937.

JOSEPH T. C. MCCALLUM ........................................ 237 W. 46th Street
University Physician.
A. B., Butler University, 1916; M. D., Indiana University, 1926.

KARL STONE MEANS ........................................ 308 West Maple Road
Associate Professor of Chemistry in the College of Liberal Arts and
Sciences and in the Division of Graduate Instruction.
A. B., Butler University, 1914; A. M., Indiana University, 1915; Ph. D.,
University of Chicago, 1924.

GILDAS METAUR ........................................ 525 Blue Ridge Road
Instructor in Sociology in the College of Liberal Arts and Sciences.
A. B., University of Pittsburgh, 1932; A. M., ibid., 1933.

ALBERT MOCK ........................................ 5803 East Washington Street
Associate Professor of Secondary Education and Methods in the
College of Education.
A. B., Indiana University, 1916; A. M., ibid., 1922; Ph. D., University
of Cincinnati, 1933.

HELEN H. MOORE ........................................ 4839 North Capitol Avenue
Instructor in Secretarial Courses in the College of Business Admin-
istration and Assistant to the Dean in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1925.

NANCY MOORE ........................................ 2933 North Pennsylvania Street
Instructor in English in the College of Liberal Arts and Sciences.
A. B., Butler University, 1933; A. M., ibid., 1934.

* Member of the faculty of the Arthur Jordan Conservatory of Music.
WILLIAM J. MOORE ........................................ 5775 North Tacoma Avenue
Assistant Professor of Semitics in the College of Religion.
A. B., Butler University, 1932; B. D., ibid., 1934; A. M., ibid., 1935.

FLORENCE I. MORRISON .................................... 4628 Washington Boulevard
Assistant Professor of Romance Languages in the College of Liberal Arts and Sciences.
A. B., University of Chicago, 1902; A. M., ibid., 1905; Diploma de
Suficiencia, El Centro de Estudios Historicos, Madrid, Spain, 1923.

TOYozo W. NAKABAI ........................................ 5765 Tacoma Avenue
Professor of Semitic Languages and Literatures in the College of Religion and in the Division of Graduate Instruction.
A. B., Kolugakuin University, Tokyo, 1920; A. B., Butler University,
1924; A. M., ibid., 1925; Ph. D., University of Michigan, 1930.

HENRY GEORGE NESTER ..................................... 2832 North Capitol Avenue
Assistant Professor of Semitics in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., Butler University, 1925; A. M., Indiana University, 1928;
Ph. D., ibid., 1930.

CHARLES MERVIN PALMER .................................... 4211 Sunset Avenue
Assistant Professor of Botany in the College of Liberal Arts and Sciences.
B. S., Pennsylvania State College, 1922; M. S., ibid., 1925.

RUTH PATTERSON ............................................ 717 North Alabama Street
Assistant Professor of Kindergarten Education in the College of Education and Supervisor of Student Teaching in Kindergartens.
B. S., Columbia University, 1933.

NATHAN EVERETT PEARSON .................................. 4216 Sunset Avenue
Associate Professor of Zoology in the College of Liberal Arts and Sciences and in the Division of Graduate Instruction.
A. B., Indiana University, 1921; A. M., ibid., 1923; Ph. D., ibid., 1926.

JAMES HEDLEY PEELING ..................................... 245 West Forty-sixth Street
Associate Professor of History and Sociology in the College of Liberal Arts and Sciences and Associate Professor of Social Science in the College of Education.
A. B., Gettysburg College, 1920; A. M., ibid., 1923; Ph. D., University of Chicago, 1929.

JOHN E. POTZGER ........................................... 5120 Broadway
Assistant Professor in Botany in the College of Liberal Arts and Sciences.
A. B., Butler University, 1927; A. M., ibid., 1931; Ph. D., Indiana University, 1932.

JAMES FLETCHER PRICE ..................................... 4717 Rookwood Avenue
Instructor in Physics in the College of Liberal Arts and Sciences.
A. B., Nebraska Wesleyan University, 1928; M. S., University of Utah, 1930.
Gino Arturo Ratti ............... 329 Buckingham Drive
Dean of the College of Liberal Arts and Sciences.
Professor of French and Head of the Department of Romance Lan-
guages in the College of Liberal Arts and Sciences and in the Divi-
sion of Graduate Instruction.
A. B., Middlebury College, 1907; A. M., ibid., 1909; "Docteur de l'
Université de Grenoble" (Ph. D.), 1911.

Gerald R. Redding ................... 810 Fletcher Trust Building
Assistant Professor of Business Law in the College of Business
Administration.
B. S., Indiana University, 1926; J. D., ibid., 1928.

Esther A. Renfrew .................. 234 Blue Ridge Road
Assistant Professor of Romance Languages in the College of Liberal
Arts and Sciences.
A. B., Butler University, 1921; A. M., University of Michigan, 1927;
Certificat d' Etudes Françaises, Grenoble, France, 1931.

William Leeds Richardson .......... 110 West Hampton Drive
Dean of the College of Education.
Professor of Education and Psychology and Head of the Department
of Psychology in the College of Education and in the Division of
Graduate Instruction.
A. B., University of Toronto, 1911; Ph. D., University of Chicago,
1919.

Dwight S. Ritter ..................... 4415 Broadway
Instructor in Business Administration in the College of Business
Administration.
B. S., DePauw University, 1900.

Louise Marguerite Schulmeyer ......... 2059 Park Avenue
University Instructor in Physical Education.
Diploma, North American Gymnastic Union, 1907; B. S., Butler
University, 1934.

George A. Schumacher ............... 416 Berkley Road
Assistant Professor of English in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1925; A. M., University of Virginia, 1926.

Guy Howard Shadinger .................. 302 Buckingham Drive
Professor of Chemistry in the College of Liberal Arts and Sciences
and in the Division of Graduate Instruction.
Ph. B., Hamline University, 1900; Ph. D., Johns Hopkins University,
1907.

Wendell A. Shullenberger ............ 3740 Central Avenue
Lecturer in Physiology and Hygiene in the College of Education.
A. B., Butler University, 1931; M. D., Indiana University, 1935.

William A. Shullenberger .......... 519 South Central Avenue
Lecturer in Practical Theology in the College of Religion.
A. B., Drake University, 1904; D. D., ibid., 1922.
IRVIN TABOR SHULTZ..................4246 Fairview Terrace
Associate Professor of Psychology in the College of Education and
in the Division of Graduate Instruction and Director of High School
Student Teaching in the College of Education.
A. B., Earlham College, 1918; A. M., Columbia University, 1922;
Ph. D., University of Pennsylvania, 1928.

SARAH T. SISON..........................1805 Talbott Avenue
Assistant Professor of English in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1923; A. M., *ibid.*, 1927.

DON W. SPARKS..........................4717 Rockwood Avenue
Assistant Professor of English in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1929; A. M., University of Michigan, 1930.

CHARLES E. STEVENS......................5301 North Delaware Street
Assistant Professor of Economics in the College of Business Adminis-
tration.
B. C. S., New York University, 1917; C. P. A.; LL. B., Indiana Law
School, 1936.

ALLEGRA STEWART.....................2621 College Avenue
Associate Professor of English in the College of Liberal Arts and
Sciences and in the Division of Graduate Instruction.
A. B., Butler University, 1921; A. M., Columbia University, 1923;
Ph. D., King's College, University of London, 1933.

CATHERINE THOMPSON..................3510 North Meridian Street
Instructor in Physical Education.
B. S., Indiana State Teachers College, 1925; M. A., Columbia Uni-
versity, 1931; M. A., University of Wisconsin, 1933.

JOSEPH C. TODD..................................Bloomington, Indiana
Special Lecturer in Church History in the College of Religion.
A. B., Missouri Valley College, 1901; A. M., Columbia University,
1908; B. D., Union Theological Seminary, 1908; D. D., Missouri
Valley College, 1918; LL. D., Culver-Stockton, 1924.

J. RUSSELL TOWNSEND, JR...............3737 Carrollton Avenue
Instructor in Economics in the College of Business Administration.
B. S., Butler University, 1931; M. B. A., Wharton School of Finance
and Commerce, University of Pennsylvania, 1933; C. L. U., American
College of Life Underwriters, 1936.

WALTER BARTON TOWNSEND..............410 Hampton Drive
Assistant Professor of Educational Administration in the College of
Education and in the Division of Graduate Instruction.
A. B., Cornell University, 1921; M. S., *ibid.*, 1925; D. Ed., Stanford
University, 1935.

† On leave of absence, 1938-39.
DEAN EVEREST WALKER.............2537 East Riverside Drive
Associate Professor of Church History in the College of Religion.
B. D., Butler University, 1928; A. M., *ibid.*, 1931.

CHARLES HENRY WALTERS.............223 West Thirty-second Street
Assistant Professor of Speech, Department of English, in the College
of Liberal Arts and Sciences.
A. B., Wayne University, 1929; A. M., University of Wisconsin, 1930.

CORNIE WELLING......................5202 Washington Boulevard
Associate Professor of English in the College of Liberal Arts and
Sciences.
A. B., Butler University, 1912; A. M., Radcliffe College, 1914.

ALICE BIDWELL WESenberg..............429 Buckingham Drive
Assistant Professor of English in the College of Liberal Arts and
Sciences.
A. B., Mount Holyoke College, 1899; A. M., Columbia University, 1911.

THOR GRIFFITH WESenberg..............429 Buckingham Drive
Professor of Romance Languages in the College of Liberal Arts and
Sciences and in the Division of Graduate Instruction.
A. B., University of Pennsylvania, 1910; A. M., *ibid.*, 1911; Ph. D.,
Harvard University, 1925.

IDA BONNIEFIELD WILHITe..............1701 North Illinois Street, Apt. 115
Professor of Home Economics in the College of Liberal Arts and
Sciences.
B. S., Purdue University, 1921; A. M., Columbia University, 1928.

EVENING DIVISION

Faculty

JAMES WILLIAM PUTNAM, Ph. D., LL. D., President.

GINO ARTURO RATTI, Ph. D., 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., Director of the Division of Graduate Instruc-
tion and Curator of the Museum.

GEORGE F. LEONARD, A. M., Director of the Division of Evening Courses.

CHARLES W. WILSON, Bursar of the University.

JOHN BARNETT, Director of Publicity.

LEOLA D. UNDERWOOD, Secretary in the office of the Director of the Eve-
ning Division.

Vonneda Dunn Bailey
Milton D. Baumgartner
A. Dale Beeler
Elizabeth E. Bettcher
Merwyn G. Bridenstine

George F. Leonard
John S. Lloyd
Joseph T. C. McCallum
Ethelwyn Miller
Albert Mock
FACULTY

Donald D. Burchard
Amos B. Carlile
Clyde L. Clark
Clarence W. Efroymson
Ray C. Friesner
Bassford C. Getchell
Ross J. Griffeth
Russell J. Hammadgren
John S. Harrison
Emily M. Helming
Marla Woollen Hyde
Warren Rex Isom
Elijah Jordan
Kathryn Jamison Journey
Harold Kelso
Martha M. Kincaid

Nancy Moore
Charles M. Palmer
Ruth Patterson
James H. Peeling
John E. Potzger
James F. Price
Gerald R. Redding
William Leeds Richardson
Dwight S. Ritter
Irving Tabor Shultz
Leland R. Smith
Charles E. Stevens
J. Russell Townsend
W. B. Townsend
Charles H. Walters
Corinne Welling

J. Howard Alltop, A. B., Lecturer in Business Administration.
K. V. Ammerman, M. S., Lecturer in Education.
Richard S. Ball, M. S., Lecturer in Psychology.
Wilbur S. Barnhart, A. B., Lecturer in Business Administration
Elsion G. Bowyer, M. S., LL. B., Lecturer in Business Administration.
Gray Burdin, B. S., Lecturer in Speech.
Arthur P. Crabtree, M. S., LL. B., Lecturer in Education.
Murray A. Dalman, M. S., Lecturer in Education.
Frederick A. Doebber, LL. B., Lecturer in Business Administration.
Paul Duncan, A. B., Lecturer in Speech.
Mabel Esten, A. M., Lecturer in Botany.
Sydney R. Esten, A. M., Lecturer in Zoology.
Helen A. Haynes, M. S., Lecturer in Business Administration.
Ruth K. Heavneridge, M. S., Lecturer in Special Education.
Hervey A. Henderson, A. B., Lecturer in Visual Education.
Faye Henley, B. S., Lecturer in Library Science.
May S. Iske, A. M., Lecturer in Zoology.
Charles W. Jones, Lecturer in Business Administration.
Robert S. Kammerer, M. S., Lecturer in Psychology.
Mrs. Renee Kimmich, A. B., Lecturer in French.
Gustav C. Klipple, Lecturer in Business Administration.
Lorle Krull, B. M., Lecturer in German.
John A. Leightly, Ph. D., Lecturer in Chemistry.
Michael Levine, A. B., C. P. A., LL. B., Lecturer in Business Administra-
tion.
Richard Lowther, A. B., LL. B., Lecturer in Journalism.
Betty A. Lutz, A. B., Lecturer in Spanish.
Fay Marshall, M. S., Lecturer in Elementary Education.
Marion A. Pike, A. B., C. P. A., Lecturer in Economics.
F. Noble Ropkey, A. B., Lecturer in Journalism.
Florence B. Schad, A. B., Lecturer in Library Science.
Esther Fay Shover, A. M., Lecturer in English Methods.
ANNA K. SUTER, A. M., Assistant in Mathematics.
EMILY R. TODD, A. M., Lecturer in Sociology.
NONA VANDENBROOK, B. S., Lecturer in Commercial Subjects.
FLORENCE WAKEFIELD, M. A., Lecturer in Home Economics.
HARRY A. WEAVER, Jr., B. S., LL. B., J. D., Lecturer in Economics.
HENRY M. WHISLER, A. M., Lecturer in Education.
FRANCES E. WINSLOW, A. M., Lecturer in Sociology.
TRELLA M. WOOD, B. S., Lecturer in Business Administration.

SUMMER SESSION

JAMES WILLIAM PUTNAM, Ph. D., LL. D., President.
GEORGE F. LEONARD, A. M., Director of Summer Session.
*MARION SHEFFIELD ADAMS, B. S., A. B., Lecturer in Library Science.
CLIDE E. ALDRICH, A. M., Assistant Professor of Romance Languages.
†KARL V. AMMERMAN, M. S., Lecturer in Education.
†WILBUR S. BARNHART, A. B., Lecturer in Commerce and Secretarial Science.
MILTON D. BAUMGARTNER, Ph. D., Professor of German.
JUNA LUTZ BEAL, A. M., Assistant Professor of Mathematics.
EARL R. BECKNER, Ph. D., Professor of Economics and Business Administration.
A. DALE BEELER, A. M., Assistant Professor of History and Political Science.
*WILMA BENNETT, A. B., Lecturer in Library Science.
MERWYN G. BRIDENSTINE, Ph. D., Associate Professor of Economics and Business Administration.
HENRY LANE BRUNER, Ph. D., Professor of Zoology.
VIRGINIA GRAVES BRUNSON, A. M., Assistant Professor of German.
GRAY BURDIN, M. S., Lecturer in Speech.
AMOS BENJAMIN CARLILE, Ph. D., Associate Professor of Education.
EMMA COLBERT, B. S., Associate Professor of Education.
MURRAY A. DALMAN, M. S., Lecturer in Education.
SETH EARL ELLIOTT, Ph. D., Professor of Physics.
MARGARET T. FISHER, Ph. D., Lecturer in English.
RAY CLARENCE FRIESNER, Ph. D., Professor of Botany.
*WALTER G. GINGERY, A. M., Acting Professor of Education.
RUSSELL J. HAMMARGREN, A. M., Associate Professor in Journalism.
†RUTH K. HEAVENRIDGE, M. S., Lecturer in Special Education.
EMILY MATILDE HELMING, A. M., Assistant Professor of English.
†FAY HENLEY, B. S., Lecturer in Library Science.
PAUL D. HINKLE, B. S., Director of Physical Education and Athletics.
MARIA WOOLLEN HYDE, A. M., Assistant Professor of Elementary Education.
WARREN REX ISOM, A. M., Instructor in History and Political Science.
ELIJAH JORDAN, Ph. D., Professor of Philosophy.
HAROLD KELSO, A. M., Instructor in Economics.

* Faculty of Summer Session only.
† Faculty of Evening Courses and of Summer Session.

NOTE: The faculty listed in the Evening Division is for 1937-1938. The last thirty-nine on the list are those in the Division of Evening and Extension Courses only.
George Franklin Leonard, A. M., Assistant Professor of Education.

†Fay Marshall, A. M., Lecturer in Elementary Education.

Karl Stone Means, Ph. D., Associate Professor of Chemistry.

Joseph T. C. McCallum, M. D., Lecturer in Health and University Physician.

*Scott McCoy, A. M., Lecturer in Botany.

Gildas Metour, A. M., Instructor in Sociology.

Albert Mock, Ph. D., Associate Professor of Education.

Henry George Nester, Ph. D., Assistant Professor of Zoology.

*Louise Padou, A. M., Lecturer in Special Education.

Charles Mervin Palmer, M. S., Assistant Professor of Botany.

James Hedley Peeling, Ph. D., Associate Professor of Social Science.

John E. Potzger, Ph. D., Assistant Professor of Botany.

Gino A. Ratti, Ph. D., Dean of the College of Liberal Arts and Sciences.

William Leeds Richardson, Ph. D., Dean of the College of Education.

Louise M. Schulmeyer, B. S., Instructor in Physical Education.

George A. Schumacher, A. M., Assistant Professor of English.

Guy Howard Shadinger, Ph. D., Professor of Chemistry.

*Mary Alice Shaw, Lecturer in Home Economics.

†Esther Fay Shover, A. M., Lecturer in English Methods.

Wendell A. Schullenberger, M. D., Lecturer in Physiology and Hygiene in College of Education.

Irvin Tabor Shultz, Ph. D., Associate Professor of Education.

Don W. Sparks, A. M., Assistant Professor of English.

*Ina Stanley, A. B., Assistant in Botany.

†Anna K. Suter, A. B., Assistant in Mathematics.

*Ruth Thomason, M. S., Lecturer in Home Economics.

Walter B. Townsend, Ph. D., Assistant Professor of Education.

†Nona Vandenburg, A. B., Lecturer in Secretarial Science.

*Clifton Wheeler, Lecturer in Fine Arts.

ORGANIZATION OF THE UNIVERSITY

General Organization

Butler University includes the College of Liberal Arts and Sciences and Junior College, the College of Religion, the College of Education, the College of Business Administration, and the Division of Graduate Instruction. Additional educational opportunities are afforded by the Division of Evening Courses and the Summer Session. Each unit is under the control of a dean or director who is responsible to the President of the University. The President, with the assistance of the administrative officers, co-ordinates the work of the various units and cooperates with the Board of Directors in putting policies into effect.

Affiliated with the University but under independent management is the Arthur Jordan Conservatory of Music.

* Faculty of Summer Session only.

† Faculty of Evening Courses and of Summer Session.
THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND JUNIOR COLLEGE

The College of Liberal Arts and Sciences is the oldest school of the University. Its curricula are closely interrelated with those of the other schools.

The purpose of the college is two-fold: to provide the cultural background needful for intelligent participation in life and in the duties of citizenship, and to lay the foundation for professional training.

The regular curricula of the college lead to the following degrees: Bachelor of Arts; Bachelor of Science (in science, science and mathematics, and home economics); Bachelor of Music (with the Arthur Jordan Conservatory of Music). Other courses are offered leading to the titles of Associate in Arts and Associate in Science. These terminal courses are of two years' duration. They are included in the Junior College which, in Butler University, runs parallel with the Lower Division.

A detailed description of courses and specific requirements for titles and degrees may be found in the section of this catalogue devoted to the College of Liberal Arts and Sciences and Junior College.

THE COLLEGE OF RELIGION

The College of Religion is the second school established in the University. It was founded in 1925 for the purpose of providing a more adequate training for ministers of Christ than could be offered in a single department in the Arts curricula.

The school is open to students of all faiths on equal terms. General regulations for matriculation and supervision are found elsewhere in this catalogue.

The curricula of the school lead to the graduate degrees of Bachelor of Divinity, Master of Arts, and Master of Theology; and to the undergraduate degree of Bachelor of Sacred Literature. Courses are also offered to satisfy the requirements for the degrees of Bachelor of Arts with a major in religion. The requirements for these degrees are detailed elsewhere in this catalogue.

While the chief field of service lies in the training of ministers, yet two other services are offered to students. First, the school serves any student who recognizes the cultural value of the study of religion. Most of the courses are of a distinctly cultural value apart from their professional significance. Secondly, the school offers opportunity for special study and research in the field of religion for those interested in scholarly investigation.

THE COLLEGE OF EDUCATION

The College of Education of Butler University was formed in 1930 by the amalgamation of the Department of Education instituted in 1919 and the Teachers College of Indianapolis founded in 1882.

There are five departments in the college: kindergarten and ele-
mentary teacher training; high school or secondary teacher training; psychology; physical education; and graduate studies with special emphasis upon supervision, administration, advanced and clinical psychology.

Students registered in the College of Education may become eligible for the degree of Bachelor of Science with a major in any one of the foregoing departments, including four years of college studies. Graduate students already possessing the bachelor's degree may secure the degree of Master of Science.

In accordance with a recent ruling of the Indiana State Department of Education the College of Education of Butler University will discontinue offering two-year courses for teachers' licenses. In future all licenses to teach in the elementary and high schools of Indiana will involve four years of college training.

A detailed description of courses and specific requirements for degrees may be found in the section of this catalogue devoted to the College of Education.

THE COLLEGE OF BUSINESS ADMINISTRATION

In August, 1937, the department of Economics and Business Administration and the department of Journalism were removed from the College of Liberal Arts and Sciences and became the nucleus in the formation of the College of Business Administration. At present, there are two departments in the college: the department of Economics and Business Administration and the department of Journalism.

The curricula of the college lead to the degrees of Bachelor of Science in Business Administration and Bachelor of Science in Journalism. Graduate students may pursue a course of study leading to the degree of Master of Science.

A detailed description of courses and specific requirements for degrees may be found in the section of this catalogue devoted to the College of Business Administration.

THE DIVISION OF GRADUATE INSTRUCTION

The purpose of the Division of Graduate Instruction is to provide opportunity for training beyond a baccalaureate degree in non-professional fields, to encourage investigation and research, and to stimulate actual contribution to human knowledge.

The curricula lead to the degrees of Master of Arts and Master of Science.

Information concerning the organization of the Division of Graduate Instruction, the requirements for admission to candidacy for different degrees, a detailed description of courses, and specific requirements for degrees may be found in the section of this catalogue devoted to the Division of Graduate Instruction.

THE DIVISION OF EVENING COURSES

The Division of Evening Courses was established in 1899 and has been maintained continuously since. This Division performs a two-fold service: (1) it offers instruction to teachers who are seeking degrees
or higher licenses; (2) it provides further opportunity of study to under-graduates whose regular college work has been interrupted, to workers whose only time for instruction is at night, and to graduates who are interested in certain intellectual fields.

Information concerning courses offered may be found in the section of this catalogue devoted to the Evening Division.

THE SUMMER SESSION

The purpose of the Summer Session is to afford teachers, other persons who are employed during the year, and regular undergraduates an opportunity to continue their education. By means of an intensive eight weeks' course a student may earn full credit in courses totaling 9 hours. The curricula lead to degrees in the regular Colleges: the College of Liberal Arts and Sciences, the College of Religion, the College of Education, the College of Business Administration, and the Division of Graduate Instruction.

A detailed description of courses offered may be found in the section of this catalogue devoted to the Summer Session.

THE AFFILIATED SCHOOLS

The Arthur Jordan Conservatory of Music

The Arthur Jordan Conservatory of Music has its own board of directors and its own administration. Its courses of study lead to degrees offered by the Conservatory.

By special arrangement between the board of directors of the Arthur Jordan Conservatory of Music and the board of directors of Butler University certain degrees are offered jointly by the two schools, and certain courses in one institution may be taken by students enrolled in the other.

The John Herron Art School

The John Herron Art School has its own board of directors and its own administration. Its courses of study lead to degrees offered by the Art Institute.

By special arrangement John Herron Art Institute and Butler University cooperate to the extent that each school offers courses open to students from the other institution.

HISTORY

The history of Butler University is closely bound up with the history of education in the Middle West and with the forward looking thought of the country as a whole. The Disciples of Christ early recognized the importance of education. When, in 1847, there was held in Indianapolis "the first of a series of public meetings to provide for a general convention of the friends of education," the man chosen as chairman was Ovid Butler, a member of the Christian church. On the committee with him sat Henry Ward Beecher, who was to become nationally known as a religious leader. A year later, in 1848, when Emerson's teachings were beginning to broaden and free men's minds, and at a time when
some of the best blood of Europe was being infused into the life of the Middle West, a state meeting was held at Little Flatrock, Indiana, to take action regarding the founding of a college by the Disciples of Christ. In a short time plans had matured to the point of a committee's appearing before the legislature to secure a charter for the founding of a college. One of the treasured possessions of Butler University is the original manuscript of this charter, written by the hand of Ovid Butler. In it the purposes and scope of the institution are set down 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."

Upon the securing of the charter, immediate steps were taken for the founding of the college, and by July, 1852, under the energetic leadership of Mr. John O'Kane, $75,000 worth of stock had been sold. A board of directors was elected, which in a short time accepted the offer of Mr. Butler of a beautifully wooded tract of twenty-five acres at Thirteenth Street and College Avenue as a site for the new college. Mr. William Tinsley, one time president of the National Association of Architects, and the designer of Christ Church, on Monument Place, in Indianapolis, was chosen as the architect for the first college building. It was completed in 1855, and in November of that year the University opened its doors as the North Western Christian University.

From the start the college was not content with merely following the educational practices of other institutions. In at least four respects it assumed a position of leadership. It assumed this leadership first and foremost in the caliber of the men who were attracted to it, either as educators, or as supporters through their active interest. Some of these were, or came to be, men of national reputation. Prominent among these was Horace Mann, who made an address at the time the first college building was dedicated; who continued to be intensely interested in the school which was putting into practice so many of his educational ideas; and who was finally invited to become president of the college and at the same time professor of ethics and moral philosophy. It was only because of his obligations to Antioch College, and after considerable hesitation, that he declined the offer. Among other men connected with Butler University were David Starr Jordan, who was professor of biology in the seventies; Melville B. Anderson, who later distinguished himself in the field of Italian literature at Stanford University; and Harvey W. Wiley, who came to be nationally known as Pure Food Administrator at Washington.

A second respect in which Butler University gave evidence of her
leadership was in her attitude toward the education of women. She
was among the first of the colleges in the country to offer women equal
educational opportunities with men. Catherine Merrill was made head
of the first English department in any Indiana college. She commanded
the interested attention of such men as Charles Elliot Norton and
Edward Everett Hale, with both of whom she corresponded concerning
her work.

Again, Butler University was among the first to depart from the
ironclad courses of study laid down for students, and to allow them,
instead, to elect the courses most suited to their needs. Such a pro-
cedure was then looked upon as a decided innovation and had been in
effect only at Brown University, at Bethany College, and at Antioch
College.

Finally, Butler University has given evidence of her leadership
through the constantly changing and enlarging scope of her educational
offerings. Without losing hold of the conservatism that should apply
to such matters, she has been alive to changing ideals and practices in
education as they appear in the national consciousness and has applied
these to her own courses of study. This has been true throughout her
history and up to the present day.

Tangible evidence of the enlarging scope of her educational offer-
ings lies in the fact that she has changed her status from a college to a
university, and that she has twice changed her location to a larger cam-
pus. The first change was made in 1875 from the original site to the
campus in Irvington. By 1925 this was found to be inadequate, and it
was decided to purchase Fairview Park, a beautifully landscaped tract
of 246 acres in the northern part of Indianapolis. By 1928 the Arthur
Jordan Memorial Hall, the fieldhouse and gymnasium, and the stadium
had been completed and were ready for occupancy, and classes were
opened there in the fall of that year.

With the expanding life of Butler University and of the community
in which it was located, new departments were added from time to time.
In the spring of 1924 the Board of Directors of Butler University voted
to establish a College of Religion as one of the constituent colleges of
the University. It was placed under the separate administration of a
dean and faculty and under the immediate supervision of the Church
Committee of the University Board of Directors, with its own special
dowment fund. With Dr. Frederick D. Kershner as Dean, the College
opened for its first session in September, 1925, on the Butler campus in
Irvington. In 1927 classes were removed to the College of Missions
building in Irvington. A third and final move was made to the Fairview
campus in 1928.

The original charter of incorporation granted Butler University by
the Indiana Legislature in 1850 states that one of the purposes of the
University shall be "to educate and prepare suitable teachers for the
common schools of the country." Until 1918 the teacher training at
Butler University was entirely academic; in that year and in 1919 cer-
tain acts were passed by the Indiana State Legislature obligating the
University to establish a Department of Education. This was done by
the President upon authorization of the Board of Directors. Under the
direction of Dr. W. L. Richardson, who was appointed as head of the new department in September, 1919, teaching and professional courses were introduced which would meet the requirements of the State Department of Public Instruction. Since most of the graduates entered upon high school teaching on the completion of their work, it was soon decided that the new department would concentrate on the professional training of high school teachers only.

On February 12, 1930, announcement was made by the Board of Directors of Butler University and the Trustees of the Indianapolis Teachers College that the two schools would merge to become the College of Education of Butler University. This action crowned the wishes of Mrs. Eliza A. Blaker, the founder and long-time head of the Teachers College. Dr. W. L. Richardson was made Dean of the new College of Education. In the spring of 1933 a further step was taken toward the unification of the University by transferring the activities of the College of Education from the building on Alabama Street to the Butler University campus.

To meet more adequately the increasing need for well-trained men and women in the fields of business, commerce, industry and journalism, the Board of Directors of Butler University announced in August, 1937, the establishment of a College of Business Administration. The Department of Economics and Business Administration and the Department of Journalism, formerly in the College of Liberal Arts and Sciences, were made departments in this college. As the college develops additional departments will be organized.

The Division of Evening Courses of Butler University is the outgrowth of a modest program which had its beginning at the close of the last century. These courses were established in the autumn of 1899 through an arrangement entered into between the Indianapolis Board of School Commissioners and the administration of Butler University. Under this arrangement the Butler College faculty offered courses to the city teachers, and the Board of School Commissioners gave the use of certain rooms in the Shortridge High School building. These courses were offered to enable the city teachers to keep alive their intellectual interests, and were therefore partly of a professional nature and partly for the purpose of general culture. Recognizing the importance of this phase of the services rendered by Butler University, the Board of Directors at its June meeting, in 1930, voted to create the Division of Evening Courses. By this action the entire management of the evening classes was taken over by the University and placed under the charge of Assistant Professor George F. Leonard, as Director.

On January 13, 1932, the Board of Directors of Butler University authorized the organization of a Division of Graduate Instruction, to direct all graduate courses leading to non-professional degrees. The Division of Graduate Instruction is a university organization consisting of a Director, the Graduate Council, and the Graduate Faculty. The Graduate Council is composed of heads of departments who are interested in the promotion of graduate work and whose courses are approved for graduate credit. The Director of Graduate In-
struction is chairman of the Graduate Council, which is the legislative and executive body of the Graduate Division.

In the summer of 1896 a Summer School was opened, which in the years since then has expanded from a six weeks' to an eight weeks' term. The faculty of the school is drawn from the regular faculty of the University and included at one time Thomas Carr Howe, president of the University. Occasionally educators from other universities have been employed. Among these have been such distinguished men as Franklin T. Baker, Professor of English, Teachers College, Columbia University; Edward F. Bigelow, Editor of the Nature Study Department of the St. Nicholas Magazine; and Charles H. Judd, Professor of Psychology, and Director of the Psychological Laboratory, Yale University, now Head of the School of Education at the University of Chicago.

A University with such traditions as those of Butler, and with such possibilities of growth in the future, will not want for interested and self-sacrificing men and women who will with their time, energy, and financial resources provide for the future needs of the University through endowment or otherwise.

LOCATION AND EQUIPMENT

Butler University is set in a campus of 246 acres, formerly known as Fairview Park. With its rolling and wooded hills and its outlook over a lovely valley, and with its landscaping of trees, flowers, shrubs, and fountains, this campus vies in beauty with almost any in the country. It is located, too, in the most desirable, partly because most extended, residential section of the city, approximately five miles north of the center of town.

The equipment on this campus includes Jordan Hall, the fieldhouse and gymnasium, the stadium, and the campus club. Central to all these is Jordan Hall, a beautiful building of North Carolina granite, and of modified American Gothic architecture, designed by Thomas Hibben, of Indianapolis, who made extended studies in Europe for his inspiration. The three separate buildings as originally planned were finally and very effectively combined into one by the towers, in one of which hangs the old bell used on the previous campuses to summon classes. With this arrangement students are spared the necessity of passing from building to building in inclement weather; the advantage to the health of the students is obvious. In Jordan Hall are located the offices of administration, the classrooms and laboratories, the library, the museum, recreation hall, the chapel of the College of Religion, and the bookstore.

The fieldhouse and gymnasium, besides serving the purposes for which they were intended, serve the University as a place in which to hold commencement exercises and Founders' Day exercises. They have also been used by the city and state for such purposes as President Hoover's speech given in Indianapolis in the fall of 1932, and for the annual state basketball tournament. The pool and gymnasium serve not only for the sports of the student body, but are used as recreational centers by the townspeople. The stadium will, no doubt, in the future
be increasingly used for pageants and for outdoor opera in the spring and summer. The campus club serves not only as a cafeteria, but as a meeting place for clubs and organizations.

The University Library contains 67,500 bound volumes and approximately 6,000 government documents and reports, and receives regularly 563 magazines and periodicals. Supplementing this Library are the State Library and the City Library, with its Business Branch, the Rauh Memorial Library, and other branch libraries.

In addition to the advantages offered to students by such equipment on the campus, the University has the added advantage of being located in the capital city of the state, a city of about 350,000 inhabitants, with all this means in the way of opportunity. Affiliated with the University are the John Herron Art Institute and the Arthur Jordan Conservatory of Music, each of which has a long record of distinguished achievement in the life of the city.

Many opportunities are also provided for hearing good music and seeing fine plays through such agencies as the Martens series of concerts, the Indianapolis Symphony Orchestra, the Civic Theater, and through the offerings of the legitimate drama in the various theaters.

Advantages of a special sort are offered to students who are preparing themselves to enter special fields. The student who is interested in architecture has exceptional opportunities of studying examples of fine architecture. He may begin with the Arthur Jordan Hall itself, continue with the many beautiful churches in the city, and crown his studies with the Riley Memorial Library, which is conceded to be one of the three or four most beautiful library buildings in the world, and which was written up in the "Architectural Forum" for September, 1918. The Divinity students will find it an advantage to live in a community that believes in religion and in multiplying churches, and that contains the national headquarters of the Disciples of Christ Church.

In all such ways as those suggested above, the life of a student at Butler University may be enriched and extended beyond the range of his scholastic studies.

STUDENT GUIDANCE

Since it is the aim of modern education to send out well-adjusted, intelligent individuals into the world, Butler University does not neglect those elements of educational experience which help the student to be a physically alert, well-balanced member of society. Students entering college are expected to need much less assistance than they have received in secondary schools; but in order that no one should lack counsel on academic, personal, or social problems, the University offers careful guidance in all student affairs.

Freshman Week:

In order that students may have the benefit of careful advising after they have passed their aptitude tests, four days are given to orientation of freshman students before the beginning of instruction in
September. At the same time that lectures are being given, the freshmen are being introduced to the faculty and to the life of the campus, being made to feel that they are a welcome part of the University. Various social functions are interspersed with University appointments during the orientation program.

A compulsory mass meeting of all freshmen will be held on Tuesday morning, September 13, at eight-thirty, in the gymnasium. At this time the program for the week will be outlined and the freshmen will be informed of their appointments for the week.

Academic Guidance:

Academic guidance is offered by each college of Butler University to aid students in meeting the requirements for degrees and in selecting courses for professional needs. Such guidance in the College of Liberal Arts and Sciences is given (1) by a special advisory committee which assists students who have not yet selected a major; (2) by the head of the department after a student has selected a major; (3) by pre-professional advisers who aid prospective lawyers, doctors, ministers, and engineers in selecting courses that will be of benefit to their future professions.

In the College of Religion student guidance is provided (1) in the lower division, under the general direction of the dean, assisted by the degrees committee; (2) in the upper division and Graduate School, under the supervision of the dean, assisted by the degrees committee, in consultation with the major professor.

In the College of Education student guidance is under the direction (1) of a faculty member appointed to advise freshmen; (2) of a Director of Studies, who advises those working toward a B. S. degree in education; (3) and of a guidance committee, which advises students concerning personal problems.

In the College of Business Administration academic and student guidance is under the general direction and supervision of the dean, assisted by selected members of the faculty.

Personnel Officers and Social Guidance:

General supervision of student life—housing, social relations, personal problems, etc.—is in the hands of two groups which undertake the work often done by deans of men and deans of women. These groups are called the Men's Council and the Women's Council. The Men's Council office is Room 105, the Women's Council office, Room 164. These groups meet frequently to consider and act upon all non-classroom life of the institution. Their offices are not only clearing houses on social functions and organization problems but bureaus of information and advice on all matters of interest to the student. From these offices students are sent for specific assistance to other members of the personnel group if their needs cannot be met in the Council offices.

All social functions are under the general supervision of the Men's Council and Women's Council and the Director of Student Welfare Agencies, who passes on the budgets. The Women's Council office is a
clearing house for social engagements, which must be listed in the calendar.

Student Health:

Since health information and physical education are essential factors in the training of students, a carefully supervised health and recreation program, under the direction of Dr. J. T. C. McCallum, seeks to prevent students from leaving the University with physical defects or with personal habits which will in later years undermine and deplete their physical vigor. Each student is given a health examination and, in emergencies, medical treatment at one of the two offices at Jordan Hall and the Field House. (For further treatment students are usually referred to their family physicians.) Close supervision is maintained over the formal physical education which is a part of a student’s course, and over his training for participation in sports. In addition to the physician in charge, a registered nurse is at the service of the students.

Student Welfare:

The department of Student Welfare under Professor George F. Leonard (Room 105) has charge of employment, approval of student budgets, auditing of student accounts, placement of graduates, and personal loans or aid to students.

Approved Rooms: Lists of suitable rooms for men students and teachers are kept on file in Room 105. Approved rooms for women students are listed in Room 164. 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 University requirements.

Employment: While the University cannot guarantee employment to students desiring to earn their way, an effort is made by the Department of Student Welfare Agencies to secure part time work. All students desiring assistance in securing employment should register with the 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.

A number of homes are available to girls wishing to work for room and board. Four hours of service each day are given in exchange for a comfortable room and meals. Arrangements for this type of employment for girls must be made through the Women’s Council office.

Living Expenses: Good rooms near the campus rent for from $2.50 to $5.00 per week. In many homes breakfast is furnished at from $1.50 to $2.00 per week. Board and room at the same house are usually from $7.50 to $10.00 per week. A good cafeteria on the campus makes it possible for students to reduce expenses.
STUDENT ORGANIZATIONS

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

Scholastic Honor Societies:

Phi Kappa Phi, a national honorary scholarship society, installed a chapter 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.

Phi Eta Sigma is an organization whose object is to encourage and recognize good scholarship among the men of the freshman class. Members are elected for initiation purely on a basis of scholarship, with a requirement of 33.75 grade points. The Butler University chapter was founded in 1931 and at that time became one of the thirty-one chapters of the national fraternity.

Phi Chi Nu is an organization of women of the freshman class who are chosen on the basis of scholarship at the end of the first semester. The requirement for membership is 34 grade points or an average of 2.266 in fifteen hours of academic work of required lower division rating.

Departmental Honor Societies:

Certain departments of instruction maintain honorary groups to which members are elected on the basis of achievement. Among such groups are the following:

Alfred Marshall Honor Society (Economics)
Alpha Delta Sigma National Advertising (Economics)
B Men's Association (Athletics)
Kappa Delta Pi (Education)
Kappa Kappa Psi (Band)
Kappa Tau Alpha (Journalism)
Pi Epsilon Phi (Home Economics)
Sigma Delta Chi (Journalism)
Sigma Tau Delta (English)
Tau Kappa Alpha (Forensics)
Thespis (Drama)
Theta Sigma Phi (Journalism)
W. A. A. (Athletics)

Activity Honor Societies:

Scarlet Quill (Senior women)
Blue Key (Senior men)
Chimes (Junior women)
Sphinx (Junior men)
Spurs (Sophomore women)
Utés (Sophomore men)

Departmental Clubs:

Many departments of instruction on the campus have clubs for the purpose of furthering interest in a particular field. Among these clubs are the following:

Band
Blue Gills
Der Deutsche Verein
El Circulo Español
The Botany Journal Club
The Catalytic Club
The Classical Club
The Commerce Club
The Forum
The French Round Table
The Mathematics Club
The Philokurian Society
The Philosophy Club
The Poetry Club
The Social Sciences Club
The Zoology Club

The Student Council:

It is not the policy of the University that student affairs should be dominated by the faculty. Rather, group life is looked upon as a social laboratory where student initiative is cultivated and guided. To this end the Student Council, while not a complete self-government association, is given responsibility for, and much freedom in control of, campus affairs. This group like all others at the University has faculty advisers who are in sympathy with the student point of view.

The Council has charge of all class and contest elections, raises and controls a student budget, and legislates regarding such student affairs as are not under faculty administration. A student activity point system is enforced by the Student Council.

All-Student Organizations:

The Woman's League is composed of every woman student, faculty member, or official who desires to be a member of the organization. Voting membership requires a semester fee of twenty-five cents.

The Men's Union is composed of men students, faculty members, and officials who apply for membership. Dues are twenty-five cents a year.
Religious Organizations:

Various religious organizations exist in connection with Butler University for the purpose of supplying the religious needs of various groups. Among these organizations are the following:

Kappa Beta
Student Volunteers
Newman Club
Y. M. C. A.
Y. W. C. A.

Service Organizations:

Alpha Phi Omega (Scouting Fraternity)

Social Organizations:

Many of the best Greek letter fraternities both for men and for women maintain chapters on the Butler campus.

Trianon was organized in 1926 as an open membership club for women under the name of the University Club. In 1930 it affiliated with Trianon, a national non-sorority organization.

The Butler Independent Association is an organization open to men and women not affiliated with Greek letter social organizations on the campus. Its purpose is to promote social, cultural, and political activities among its members.

UNIVERSITY ACTIVITIES

Chapel:

The spiritual and cultural development of students is a matter of very deep interest to the University. Faculty committees within various colleges are charged with providing chapel programs for their respective groups. Occasional university convocations bring together the entire student body. Chapel attendance is required of all undergraduates.

Athletic Activities:

The University provides an unusual opportunity for each student to participate in athletic activities. It offers a wide range of intercollegiate sports and a well organized field of intramural games and contests.

Membership in the Indiana Intercollegiate Conference and the North Central Association of Colleges and Secondary Schools determines the regulations that govern intercollegiate athletics at Butler University. In conformance with these regulations, the privilege of participation in university athletics of the intercollegiate variety open to sophomores, juniors, and seniors is subject to the following rules:

1. Graduate students, special students, and students who are on probation are ineligible for membership on any athletic team.

2. No student shall be permitted to participate in intercollegiate athletics until he has been in residence one academic year (2 semesters) and has earned at least 24 hours of credit in academic work at Butler University.
3. To continue to be eligible for intercollegiate athletics every athletic competitor shall carry at least 12 hours of work during the semester of competition, and he must have passed at least 80 per cent of the hours for which he was enrolled during the two semesters of residence immediately preceding competition, but in no case shall the number of hours of credit received during these semesters be less than 24.

Freshmen may compete as members of freshmen teams, in any of the recognized sports. The maximum number of sports in which a freshman may participate is two, one sport in each semester. Eligibility to membership on freshman teams is determined as follows:

1. A candidate for a freshman team must have met the requirements for admission to freshman standing at Butler University and must be regularly enrolled as shown by a receipt from the bursar of the University.

2. The freshman contestant must be carrying at least twelve hours and must be passing in all his work at the time of his participation. If participation is in the second semester of residence, he must have a passing grade in at least eighty per cent of the hours for which he was enrolled in the preceding semester, but in no case may the number of hours of credit received during the preceding semester be less than 12.

A competitive intramural program of athletics is provided for all men and women enrolled in the University. Fraternities, clubs, honorary organizations, boarding and rooming houses, classes, departments, colleges, and unaffiliated groups are the units for competition. The activities included in the program are football, basketball, playground ball, track, swimming, golf, tennis, bowling, volley ball, handball, foul-throwing, ping pong, cross-country, horse-shoes, boxing, and wrestling. Equipment for all these activities is furnished by the University. The purpose of this program is to give competitive opportunities to everyone. Trophies and special awards are given to winning teams and individuals in various activities.

Non-Athletic Activities:

Non-athletic activities include literary work, forensic and dramatic work, and publications.

Literary Prize Competition: Any undergraduate student in the University may compete for one or more of the three prizes of $25.00 which are offered each year in the fields of the short story, poetry, and the drama or the essay. Students who plan to submit manuscripts should consult with Mr. Sparks, contest adviser, early in the second semester. Manuscripts must be submitted on or before the last day before spring vacation to the Faculty Committee on Literary Contests. All productions must have been written expressly for these contests. In case no production submitted is of sufficiently high merit to justify the awards, this committee may refuse to award the prizes.

Forensic Activities: Butler University provides ample opportunity for the students to participate in debate and oratory. Intramural and
intercollegiate debate programs are conducted each year for both men and women. Local oratorical contests are held each year to select the Butler representative who participates in the contest conducted by the Interstate Oratorical League, the oldest and largest organization of its kind in the country.

Speakers and Entertainers Bureau: The division of Speech connected with the department of English maintains a bureau which provides opportunity for student speakers, readers, and debaters to appear before church audiences, clubs, and other outside organizations. This service is rendered free to any organization desiring a student speaker.

Dramatics: Students interested in dramatics may supplement their studies in play production in the regular courses by becoming members of the Thespis Club. This club offers the student practical experience through the putting on of noon-tide plays at the University, and through the presentation of plays elsewhere in Indianapolis or in the State.

Publications: Opportunities are offered the students, alumni, and general public to keep in touch with the activities of the University through various publications. These are five in number.

1. *The Butler Collegian* is a student newspaper, published four times a week during the school year. It is operated under the general direction of the department of Journalism of the College of Business Administration, and is distributed to the students without charge.

2. *The Butler University Bulletin* is 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 Alumnus*, the official monthly publication of the Butler University Alumni Association, is edited by George A. Schumacher, Secretary-Treasurer, Arthur Jordan Memorial Hall, Butler University.

4. The *Drift* is the annual of the junior class.

5. *Manuscripts* (MSS) is a literary quarterly issued in November, January, March, and May, under the general direction of the department of English of the College of Liberal Arts and Sciences. It is the laboratory of the English composition classes, and is issued to all students in English writing courses. Its purpose is to foster interest in creative writing—both poetry and prose.

The Alumni Association of Butler University:

Membership in the Alumni Association of Butler University is held by all graduates of the University, and by former students not graduates of Butler University; by members of the faculties not graduates of Butler University; and by persons who have received honorary degrees from the University.

The fee for active membership in the Association is $1.00, due on or before October 15. This fee is used for the publication of the Butler
Alumni, which is issued monthly except July, August, and September.

The annual meeting of the Association is held in Indianapolis, at the University, on the Saturday preceding Commencement and following the annual alumni supper. Regular alumni homecomings are held in October and February. The latter date, designated as Founders’ Day, falls on February 7.

The affairs of the Association are administered by an Executive Committee composed of the officers elected by the Association at its annual meeting, together with three additional members, one appointed by the President of the University, and the other two by the Executive Committee. Associated with the Executive Committee is an Alumni Council.

Seven local chapters of alumni have been organized: Chicago, Illinois; Cleveland, Ohio; South Bend, Indiana; New York City; Ft. Wayne, Indiana; Kokomo, Indiana; Logansport, Indiana.

George A. Schumacher, 1925, acts as Secretary-Treasurer, and is in charge of the Alumni Office, 116 Jordan Hall.

**ENDOWED CHAIRS**

**The Demia Butler Chair.** In 1869 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 Evelyn Butler.

**The Jeremy Anderson Chair of Greek.** In the year 1872 Professor Anderson provided 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 Brown. Janet M. Macdonald is the present occupant of the chair.

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

**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 Katharine M. Graydon occupied this chair from 1909 to 1930.

**The Reeves Chair of Biblical Literature** was endowed in 1919 by Marshall T. Reeves as a memorial to his father and mother. William C. Morro held this chair from 1916 to 1924. Frederick D. Kershner, appointed in 1924, is the present occupant.

**The Goodwin Chair of New Testament Language and Literature** was endowed by Clarence L. Goodwin in 1925. Bruce L. Kershner, appointed in 1925, is the present occupant.
FEES, SCHOLARSHIPS, LOAN FUNDS

INSTRUCTION FEES:

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.

The fees payable to the University on account of instruction, library, and incidentals, for each semester, are as follows:

GRADUATE COURSES:

The Division of Graduate Instruction—$6.25 per credit hour.
The College of Religion—$6.25 per credit hour.
The College of Education—$6.25 per credit hour.
The College of Business Administration—$6.25 per credit hour.
The Division of Evening Courses—$5.00 per credit hour.
The Summer Session—3 hours...............................$18.00
6 hours................................................................ 35.00
9 hours................................................................ 45.00

UNDERGRADUATE COURSES:

The College of Liberal Arts and Sciences—1-3 hours...$25.00
4-6 hours... 50.00
7 hours... 56.25
8 hours... 62.50
9 hours... 68.75
10 hours... 75.00
11 hours... 81.25
12 hours... 87.50
13 hours... 93.75
14-16 hours...100.00

The College of Religion—Same as for College of Liberal Arts.
The College of Education—Same as for College of Liberal Arts.
The College of Business Administration—Same as for College of Liberal Arts.
The Division of Evening Courses—$5.00 per credit hour.
The Summer Session—The same as the Summer Session under Graduate Courses.

LABORATORY FEES:

BOTANY:

101, 102 ................................................................. $6.00
345, 363, 364, 368 ................................................... 7.50
375 .................................................................. 10.00
303, 354, 369, 401 (per credit hour) ....................... 1.00

CHEMISTRY:

All laboratory courses ...........................................$10.00
Breakage deposit on 353 ...................................... 10.00
Key deposit for all courses ................................. 1.00
### Economics:

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>Fee</th>
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<tbody>
<tr>
<td>192, 292, 392</td>
<td>$5.00</td>
</tr>
<tr>
<td>315, 317</td>
<td>1.00</td>
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### Education:

<table>
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<tbody>
<tr>
<td>231, 232, 234, 431</td>
<td>$20.00</td>
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<tr>
<td>453</td>
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### English:

<table>
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<tr>
<td>301, 313, 314</td>
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<tr>
<td>331Sp, 335Sp, 336Sp</td>
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<tr>
<td>201Sp, 221Sp, 111 Recording Fee</td>
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<tr>
<td>101Sp {Laboratory Fee</td>
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<td>101Sp {Recording Fee</td>
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### Fine Arts:

<table>
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<th>Fee</th>
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<tbody>
<tr>
<td>179, 180 (Choir)</td>
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<tr>
<td>441, 442 (Chapel Choir)</td>
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### Home Economics:

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<tbody>
<tr>
<td>200, 201, 202, 305, 306</td>
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<tr>
<td>310</td>
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<tr>
<td>231, 232, 339</td>
<td>3.00</td>
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<tr>
<td>233, 334, 335</td>
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### Journalism:

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<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>425, 426</td>
<td>$4.00</td>
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<tr>
<td>303, 304, 431</td>
<td>3.00</td>
</tr>
<tr>
<td>329, 433, 434</td>
<td>2.00</td>
</tr>
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### Physical Education:

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>101 (Archery)</td>
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</tr>
<tr>
<td>103 (Equitation)</td>
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### Physics:

<table>
<thead>
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<th>Course Numbers</th>
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<tbody>
<tr>
<td>101B, 102B (2 hrs.)</td>
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<tr>
<td>101B, 102B (1 hr.)</td>
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<td>107, 108, 305, 306, 311, 312</td>
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<td>109, 110</td>
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### Zoology:

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<thead>
<tr>
<th>Course Numbers</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>101, 102, 303, 310</td>
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</tr>
<tr>
<td>116, 312</td>
<td>4.00</td>
</tr>
<tr>
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<td>304 {Fee</td>
<td>6.00</td>
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<td>308 {Breakage Fee $4.00}</td>
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<tr>
<td>308 {Fee</td>
<td>6.00</td>
</tr>
<tr>
<td>313</td>
<td>3.00</td>
</tr>
</tbody>
</table>
### Graduation Fees:

#### Advanced Degrees:

- **The Division of Graduate Instruction:**
  - Master of Arts: $10.00
  - Binding of one thesis: 2.50
  - Master of Science: $10.00
  - Binding of one thesis: 2.50

- **The College of Religion:**
  - Master of Arts: $10.00
  - Binding of two copies of thesis: 5.00
  - Bachelor of Divinity: $10.00
  - Binding of two copies of thesis: 5.00
  - Master of Theology: $10.00
  - Binding of two copies of thesis: 5.00

- **The College of Education:**
  - Master of Science: $10.00
  - Binding of one thesis: 2.50

- **The College of Business Administration:**
  - Master of Science: $10.00
  - Binding of one thesis: 2.50

#### Baccalaureate Degrees:

- **The College of Liberal Arts and Sciences:**
  - Bachelor of Arts: $5.00
  - Bachelor of Science: 5.00

- **The College of Religion:**
  - Bachelor of Sacred Literature: 5.00

- **The College of Education:**
  - Bachelor of Science: 5.00

- **The College of Business Administration:**
  - Bachelor of Science: 5.00

- **In Conjunction with Affiliated Schools:**
  - Bachelor of Music: 7.50

#### Two Year Certificate:

- $3.00

#### Miscellaneous Fees:

- Health and Recreation Fee: $3.50
- Drift Subscription: 1.00
- Fee for deferred payment: 2.00
- Fee for late registration—for each day's delay after the date appointed: 1.00
  - (Total not to exceed $5.00.)
- Fee for change in registration: 1.00
- Fee for special examination: 2.00
  - (Not to exceed $5.00.)
Fee for removal of grade of "Incomplete" ................. 2.00
Fee for auditing courses ..........................per credit hour 6.25
Fee for Transcript of Credits:
   One transcript, either official or unofficial, 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.
Fee for Teachers' License Application...................... 1.00

Fees are subject to change as conditions necessitate; such changes take effect at once and apply to students already enrolled.

NOTE: The University reserves the right to withhold the diplomas and credits of students whose financial obligations to the University, to university organizations and activities, and to the community have not been met to the satisfaction of the Bursar of the University and the student auditing committee.

REFUND OF FEES:

Withdrawals:
   All withdrawals must be made through the office of the dean of the college in which the student is enrolled.

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:

   Withdrawal within first or second week. 10% will be charged
   Withdrawal within third week ........ 20% will be charged
   Withdrawal within fourth week ........ 30% will be charged
   Withdrawal within fifth week .......... 40% will be charged
   Withdrawal within sixth to ninth week. 50% will be charged
   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 the laboratory fees will be refunded except upon written recommendation of the head of the department.
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.
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 Bursar of the University, of each individual case.

SCHOLARSHIPS AND LOAN FUNDS:

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 Scholarships: 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 Roda 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. Part of the instruction is given at Butler University and part at the John Herron Art Institute.

The 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.

The Eliza A. Blaker Memorial Fund: The friends of Mrs. Eliza A. Blaker have raised a fund of $15,000.00, the income from which is used for the benefit of students in elementary education.

The Ruth French Scholarship Fund: The sum of $5,500.00 was established by Mrs. Ruth French of Brookston, Indiana, for the benefit of women students.

Note: Application for a scholarship should be made as early as possible to the Dean of the College in which the student is interested.

STUDENT LOAN FUNDS:

The Arthur Baxter Fund. This fund consists of $1,230.00, and was established by Mr. Arthur Baxter of Indianapolis.

The Sawyer Student Loan Fund. The sum of $50,000.00 was established in 1926 by a bequest made by Edward W. Sawyer. The interest from this fund is used to assist deserving young men in the junior and senior years.

The John Newcomb Wright Memorial Fund. The sum 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 Butler University. The income from this fund is loaned to students for the purpose of aiding them to meet the expenses of their education.

The 139th Field Artillery, U. S. A. Fund. This fund consists of $930.00, which was given to Butler University through the courtesy of Colonel Robert L. Moorehead.

The Philo Sherman Bennet Loan Fund. The sum of $531.00 was given to the University for the purpose of aiding students in securing an education.

Grace Julian Clarke Loan Fund. Established by the Irvington Women's Club in 1927. For the benefit of women students.

Class of 1931 Loan Fund. Loans restricted to students of senior standing whose average is 1.5 grade points or above.

Mrs. Evans Woollen Loan Fund. Established by Mrs. Evans
Woollen of Indianapolis, available to women students in the College of Education.

Eliza A. Blaker Loan Fund. Established by Mrs. Eliza A. Blaker, founder of the Indianapolis Teachers College. Loans available to worthy women students in the College of Education who are ambitious to qualify themselves in the profession of teaching.

Indiana Federation of Clubs Loan Funds. Established by the Indiana Federation of Clubs. Loans available to worthy women students, preferably juniors and seniors.

Sarah E. Cotton Memorial Fund. A fund established by the Women's Faculty Club of Butler University in memory of Miss Sarah E. Cotton, Registrar of the University, 1912-1932, to aid worthy students through individual loans, not exceeding one hundred dollars and bearing no interest.

Caroline Scott Harrison Chapter of D. A. R. Loan Funds. Funds made available through the beneficence of the Caroline Scott Harrison Chapter of the D. A. R. Additional information and applications supplied by the Alumni Secretary.

GENERAL UNIVERSITY REQUIREMENTS

REGULATIONS

1. All credentials for admission must be in the office of the Registrar of the University before the applicant will be admitted.

2. The University will issue a permit to enter only on the basis of an official statement of the credits earned by the applicant and filed in advance with the Registrar. This statement should be sent to the Registrar as soon as possible after the close of the school year in June.

3. The Registrar will then notify the student regarding his admission.

4. If the application for admission is not received at least a week before the opening of the University, it will not be possible for the Registrar to notify the applicant of his status prior to his arrival at the University.

5. Freshmen entering day courses in September are required to be present on the campus for the program of Freshman week. (See University Calendar).

6. Students properly qualified are admitted at the beginning of either the first or the second semester.

Credentials: All applicants must present specific statements of credits earned by them. Blanks prepared for this purpose will be furnished by the Registrar on application. Entrance credits must be signed by the principal of the high school of which the student is a graduate and should be sent to the Registrar of Butler University by the Principal. The time spent on laboratory work in Science, in addition to classroom periods, should be indicated.
Physical Examinations: All students, except those entering only for the summer session or evening courses, who have not previously taken a physical examination at the University, must take such an examination. An appointment with the University Health Service for a physical examination must be made by each new student during Freshman week.

ADMISSION TO THE FRESHMAN CLASS

Applicants for admission to the freshman class may enter (A) by certificate, or (B) by examination. Testimonials as to character, personality, and ability may be required of any applicant.

A. 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, and of schools of equivalent rank, are admitted to the freshman class on presentation of a certificate showing that they have satisfied the entrance requirements of Butler University. Graduates of such schools who present 16 acceptable units, including all entrance requirements, are admitted to freshman standing.

Candidates who were in the lowest third of their graduation class may be admitted, but they will be required to take an examination designed to indicate aptitude or potential ability to do college work. Those who receive a test grade of less than 47 will be admitted on probation.

B. Admission by Examination: Applicants for admission by examination must furnish acceptable evidence of preparation equivalent to the graduation requirement from approved high schools. Those who are not able to present certificates from approved preparatory schools must show proof of the work done through entrance examinations at Butler University, through the college entrance examination board, by the state equivalent examination, or through other recognized examining agencies. 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.

Credits: 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. Credit for participation in classes not regularly organized and conducted will not be accepted.
### REQUIREMENTS FOR ADMISSION TO THE VARIOUS UNDERGRADUATE CURricula

<table>
<thead>
<tr>
<th>College of Liberal Arts and Sciences</th>
<th>Total Units Required</th>
<th>English</th>
<th>Social Studies</th>
<th>Foreign Language</th>
<th>Mathematics</th>
<th>Science</th>
<th>Additional Subject</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16</td>
<td>3</td>
<td>1</td>
<td>2*</td>
<td>2*</td>
<td>1*</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

| College of Religion                  | 16                   | 3       | 1              | 2*              | 2*          | 1*      | 2                 | 5        |

| College of Education                 | 16                   | 3       | 2              | 1               | 1           | 1       | 3**               | 5        |

| College of Business Administration   | 16                   | 3       | 2              | 1               | 1           | 1       | 3                 | 5        |

**Deficiencies:** An applicant who is deficient in any of the prescribed groups of academic subjects will be admitted provided he offers 16 acceptable units of which at least 11 are distributed among the specified groups as indicated in the table above. Such entrants will be admitted conditionally and must remove their deficiencies by doing 5 hours of college work in the subjects concerned for each unit of deficiency, by additional credits from high school, or by state equivalency examinations. Any student failing to remove his deficiency within one year from date of admission may not continue his work in the University except by special permission of the dean of the college in which he is enrolled.

**Students seeking admission to the College of Education must offer two groups of 3 units each, and two groups of 2 units each. Of these one group of 3 units must be English and one group of 2 units must be in Social Studies. The other groups of 3 and 2 units respectively must be in two other subjects and may be distributed among Foreign Languages, Mathematics, Natural Science, Health, Stenography, and Home Economics.**

**Description of Entrance Subjects**

**Group I. English**

The requirements in English (3 units) is equivalent to the usual three years of high school English, including composition, rhetoric, and literature.
Group II. Mathematics

The requirement in mathematics (2 units) includes algebra (1 unit); and plane geometry (1 unit). As electives may be offered: quadratic equations; solid geometry; trigonometry; and college algebra. A student deficient in algebra or geometry may be admitted with condition, but this deficiency must be removed before the beginning of the second year of residence. All students planning to take mathematics in college must present at least 1½ units of algebra as a prerequisite.

Group III. Foreign Language

The requirement in foreign language is two units in one language. This may be French (2 units); German (2 units); Greek (2 units); Latin (2 units); Spanish (2 units). 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 satisfy the foreign language requirements in college as specified for the respective degrees.

Group IV. Social Science

The requirement in social science may be met from the following: ancient history, medieval history, modern history, English history, American history, civics, economics, industrial history, Indiana history.

Group V. Natural Science

The requirement in science may be met from the following: biology (1 unit); botany (1 unit); chemistry (1 unit); physics (1 unit); zoology (1 unit). The following will be accepted as electives: agriculture, biology, botany, general science, geology, physiology, zoology.

Group VI. General Elective

A maximum of 5 units in any subjects credited for graduation by an approved high school will be accepted.

ADMISSION FOR STUDENTS WITH 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 as soon as possible upon the completion of the semester or term. They must include (a) a statement of honorable dismissal and an official statement that the student is eligible to return to the institution he last attended; (b) a statement of the work done to satisfy entrance requirements, this statement to be sent directly from the school where the work was done; and (c) a statement from the Registrar certifying the college credits that have been earned. Such statements should indicate the subjects studied, the ground covered, the number of weeks, and the 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. Credits submitted for admission from unaccredited institutions will be evaluated on the basis of the student's work during the first semester of residence in Butler University.

A student transferring from another institution and intending to work for a baccalaureate degree in Butler University will not receive credit for courses in which he received the lowest passing grade used by the institution he is leaving.

**Correspondence Work:** No credit will be given for correspondence work taken after September, 1931.

**Transcripts of Credits from Other Institutions:** Transcripts from other schools become the property of Butler University and are not released.

**Butler Transcripts of Records:** An *official* transcript is one bearing the seal of the University. Official transcripts are not given to students nor to alumni but are mailed directly to institutions or persons considering the applicant for admission or for employment. An *unofficial* transcript is one given to the person whose credits are listed thereon and is marked “unofficial.” The University accepts no responsibility for the accuracy of the statement.

**STUDENT CLASSIFICATION**

**Regular Students:** Regular students are those who have met all entrance requirements and are candidates for a degree or are working under some special curriculum. Regular students carrying less than 12 semester hours are not permitted to represent the University in any intercollegiate activities.

**Unclassified Students:** Unclassified students are undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curricula for a semester or year, and during that time are not candidates for a degree. Students who are working on degrees to be conferred *only* by the Arthur Jordan Conservatory of Music, should register as unclassified students in Butler University. Unclassified students must have permission of the dean of the college in which the major part of their work is taken and permission must be renewed each semester, at the beginning of the semester. The petition which may be secured in the office of the Registrar, must also bear the signature of the student's parents unless the student is over twenty-one years of age. Credits received while unclassified will be subject to revision should the student in the future become a candidate for a degree. Unclassified students are not permitted to represent the University in intercollegiate contests and are not eligible to participate in extra curricular activities. This status is not available to students dismissed from the University for academic or other reasons.
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 required to pass 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.

5. No special student may become a candidate for a degree until he has complied with entrance requirements.

Auditors: A student may register for credit as an auditor of a class, but after registration is completed his status may not be changed throughout the semester.

Registration: The office hours of members of the faculty on the days appointed for registration are 9 a.m. to 4 p.m. In order to secure prompt attention, applicants should present themselves on the day and at the hours designated.

Students are advised to declare their intention of majoring in a certain subject by filing an application in the office of the Registrar at the beginning of the sophomore year.

GENERAL ACADEMIC REGULATIONS

The Academic Year: Two semesters of eighteen weeks each constitute the academic year. The unit of instruction is the semester hour which signifies one recitation a week throughout the semester, or an equivalent. When laboratory work is carried two or three hours in the laboratory are equivalent to one hour in the class room.

Credit: Neither more nor less credit than the amount stated in the catalogue shall be permitted in any course.

All work to receive credit must be done in class.

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 are not permitted to take more than six hours in one subject during one semester. Sophomores are not permitted to take more than eight hours in one subject 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.

The academic program was planned for students who are at liberty to devote their entire attention to study; therefore, it is advised that students who are gainfully employed take less than 15 hours.

A freshman whose outside employment requires more than twelve hours a week should reduce the number of academic hours for which he is enrolled. This reduction should be in proportion to the increase of his outside work over the suggested limit of twelve hours. Freshmen advisers will pay particular attention to the outside employment of the students under their care.

Extra Hours: Students who desire to carry more than 16 hours must file a petition in the Registrar's office for permission. 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. Permission to carry extra hours is determined by the student's previous scholastic record.

Late Registration: Registration in any course for credit toward any degree, or any change of registration involving the addition of a course, shall not be permitted after the end of the third week of any semester or after the end of the second week of the summer session.

Residence Requirement: Candidates for any baccalaureate degree must take their last thirty hours of credit in Butler University, and at least twenty of these must be in the college granting the degree, unless specifically provided for in other rules or in special curricula.

Work done in Summer Session and Evening Division shall be considered in residence provided the work is done on the University Campus.

Physical Education Requirement: All candidates for undergraduate degrees are required to take 4 hours of physical education. This rule is waived when the work is largely done in the Summer Session.

Maximum Hours In One Subject: A student may not offer more than 40 hours in one subject toward graduation requirements.

Applications for Degrees

Applications for all degrees and certificates must be filed in the office of the Registrar of the University before the final registration of each candidate for a degree or certificate. Students planning to complete their requirements for degrees and certificates at the end of the summer session must file their applications by the 15th day of May preceding the summer session in question.

Attendance at Commencement

Candidates for degrees and certificates are required to attend the commencement exercises in academic costume. Those who find it necessary to have their degrees or certificates conferred in absentia must petition the Administrative Council at least two weeks before the commencement exercises.
Grading System

**Quizzes:** Quizzes are given within each six weeks' period at the discretion of the instructor.

**Examinations:** Final examinations are held at the close of each semester. They are obligatory.

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

Incompletes (see below) may be removed with the consent of the instructors and of the Dean of the college in which the student is enrolled. For permission to remove an incomplete a student must pay to the Bursar of the University a fee of $2.00, the total charge in any one semester, however, not to exceed $5.00.

**Six Weeks Reports:** At the end of six weeks each instructor makes a report to the dean concerning each student. A similar report is made at the end of twelve weeks.

**Grades and Grade Points:** At the end of the semester each student receives in each course a final grade which is determined by the class grade and final examination.

All grades are recorded by letters, as indicated below.

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

- **A. Superior,** indicating high achievement and an unusual degree of intellectual initiative, 3 grade points per hour of credit.
- **B. Good,** indicating good comprehension and mental industry, 2 grade points per hour of credit.
- **C. Medium,** indicating fair comprehension and mental industry, 1 grade point per hour of credit.
- **D. Poor,** indicating poor comprehension and mental industry. Passing, but no grade points per hour of credit.
- **F. Failure,** indicating that credit can be obtained only by repetition of the course. One negative grade point per hour of credit.
- **W. Withdrawal,** indicating official withdrawal from the course before the end of the thirteenth week, or withdrawal after the thirteenth week while doing passing work. No grade points.
- **WF. Withdrawal-Failure,** indicating unofficial withdrawal at any time or withdrawal after the thirteenth week while doing failing work. One negative grade point per hour of credit.
- **I. Incomplete,** indicating work of satisfactory grade but not complete in all details. An incomplete not made up within one semester in residence becomes a failure. A student who is absent from the final examination is marked "I" or "F" according to the grade of his previous work in the course. The number of grade points is dependent upon final disposition of the grade "I". (For the procedure in removing an "I," see Examinations, above.)
Absences

Absences Without Penalty: A certain number of absences may be taken without penalty: five in a five hour course, three in a three hour course, two in a two hour course, one in chapel attendance.

In all cases of necessary or unavoidable absences the Dean of the college concerned or some committee appointed by that college shall be empowered to excuse such absences.

Students who represent the University in intercollegiate athletics or other intercollegiate activities may be excused for absences made necessary by such participation.

For upper division students the instructor shall cancel excess absences in those courses on which the student makes a final B average before reporting to the office. In all other cases excess absences shall be reported as usual.

All excuses for absences must be obtained from the dean of the college in which the student is enrolled.

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; 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.

Tardiness: Promptness in attendance on all class meetings is required. A student who enters after the class exercises have begun is marked tardy. Three such marks count as an absence.

Deficiencies: A student who acquires credit for work below “C” receives no grade points, but loss of these may be balanced by higher grades (“B” or above) in other courses. Failure to maintain 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.

Students whose work is unsatisfactory may be put upon probation until deficiencies are removed.

Freshmen must make passing grades in at least 40 percent, and upper classmen in at least 50 percent, of the courses that they are taking at the end of the third week of any semester, in order to be eligible for residence at the beginning of the next semester.

Semester Reports: As soon as possible after the semester examinations, a report of the attendance and proficiency of each student is prepared and sent out. For an undergraduate student this report is sent to the parent or guardian. The report of a graduate student is sent directly to the student himself. Reports are withheld when the student
has failed to meet his financial obligations to the University, or has failed to conform to library regulations.

**Changes in Enrollment:** For any changes in enrollment the student must secure the permission of the dean of the college in which he is enrolled. The consent of his adviser or his major professor and of the instructors concerned must be secured on a blank which may be obtained from the dean. A fee of $1.00 for this change is payable to the Bursar of the University.

**Withdrawals:** A student withdrawing from the University should obtain permission from the dean of the college in which he is enrolled. The dean will supply a withdrawal card which the student will take to the Bursar of the University who will make adjustments concerning fees.
THE COLLEGE OF LIBERAL ARTS AND SCIENCES
The College of Liberal Arts and Sciences

OBJECTIVES

The general objective of the courses offered in the College of Liberal Arts and Sciences is to provide a training of the mind that is of fundamental value in every walk of life and essential to the highest aspirations of mankind.

There is a growing concensus of opinion, both among educators and laymen, that the primary objective of a liberal arts college is not to train people for jobs but to provide a training that is fundamental to the whole life of the individual and to society. People are demanding that the college turn out, not specialists, but men and women trained to think and act intelligently, whose lives are imbued with high moral purposes. There is an urgent demand that the tendency toward specialization at the expense of a broad, general education be checked and that the objectives of the college of liberal arts and sciences be so unified as to provide a balanced training.

Experience has proved that there are certain indispensable, basic elements in such training. These comprise:

2. Training in the scientific method of procedure in the acquisition of knowledge.
3. Training in the art of exact and systematic thinking.
4. Training in the moral and ethical evaluation of human activity.
5. The acquisition of a broad factual knowledge of the world, centered about some special interest of the student.
6. Opportunity for creative effort.

The above objectives are embodied in the requirements for the various degrees.

These basic elements of the student's training ultimately blend together into a unified, harmonious pattern, forming the cultural pattern of his life. These individual patterns blend into the general cultural life of society. This is the ultimate objective of the training afforded in the College of Liberal Arts and Sciences.

A fuller statement and explanation of these objectives will be placed in the hands of the incoming student during Orientation Week or may be secured upon request made to the Dean's office.

LOWER DIVISION AND THE JUNIOR COLLEGE

The College of Liberal Arts and Sciences is divided into lower and upper divisions, the former of which comprises essentially a junior college.

The lower division permits students to continue studies of a general cultural nature and lays the foundation for more specialized work of the upper division.

The junior college is distinct from the lower division only in that it provides two years of college work leading to the titles "Associate in
Arts” and “Associate in Science” for those students who do not look forward to a four-year college course.

For admission to either the lower division or the junior college a student must meet requirements for admission to the College of Liberal Arts and Sciences.

Work in the lower division and junior college may be pursued toward either of the following objectives:

a. Completion of the two-year curricula leading to the title Associate in Arts or Associate in Science.

b. Completion of any of the two-year pre-professional curricula; or work on any of the longer pre-professional curricula.

c. Completion of the requirements for admission to the upper division of the four-year curricula leading to the various baccalaureate degrees.

REQUIREMENTS FOR THE TITLES
ASSOCIATE IN ARTS AND ASSOCIATE IN SCIENCE

Associate in Arts

The title Associate in Arts may be obtained upon completion of 64 hours of credit with as many grade points as hours provided the work includes the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>5</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>35</td>
</tr>
</tbody>
</table>

A maximum of 20 hours may be offered from other colleges of the University.

Associate in Science

The title Associate in Science may be obtained upon completion of 64 hours of credit with as many grade points as hours provided the work includes the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>5</td>
</tr>
<tr>
<td>Science or Mathematics</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>35</td>
</tr>
</tbody>
</table>

A maximum of 20 hours may be offered from other colleges of the University.

Students who have met all entrance requirements but who do not wish to follow any of the curricula leading to any title or degree should refer to the regulations for unclassified students.
**REQUIREMENTS FOR ADMISSION TO THE UPPER DIVISION**

For admission to the upper division the student must have a minimum of 64 hours of credit and as many grade points as hours. The following specific requirements must be met:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>5</td>
</tr>
<tr>
<td>*Foreign Language</td>
<td>10</td>
</tr>
<tr>
<td>**Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>25</td>
</tr>
</tbody>
</table>

Failure in any particular to meet these requirements will debar the student from registering for or enjoying the privileges of the upper division.

**REGULATIONS GOVERNING APPLICATION FOR BACCALAUREATE DEGREES**

**Students from Other Colleges**

Any student transferring from another institution is required to take the last 30 hours in residence at Butler University before receiving the degree. The student must be in residence at this institution for one academic year or its equivalent.

**Students from the Division of Evening Courses**

No student from the division of evening courses may complete work for a degree without acquiring at least 15 semester hours of credit in regular day courses in Butler University.

**Degrees after One Year of Professional Courses**

Candidates for the degree of Bachelor of Arts or Bachelor of Science in the College of Liberal Arts and Sciences may be permitted to spend the senior year in an approved school of medicine, law, engineering, or religion, and may receive a degree from Butler University under the following conditions:

1. All prescribed subjects and all group (language, science, social science) requirements of Butler University for the bachelor's degree must be completed before the student may enter the professional school.

2. At least 94 hours (including 4 hours of physical education) with as many grade points as hours must be acquired in Butler University.

3. Only after the completion of two years of work in a law school will 30 hours of electives be accepted from the law school.

* If three or more units are offered from high school, five hours may be deducted from this requirement.

** If two years of laboratory science are offered from high school, ten hours of mathematics may be substituted for this requirement.
4. All requirements regarding the major subject must be complied with before the bachelor's degree is granted.
5. 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.
6. All requirements of the upper and lower divisions must be completed.

Candidacy for a Second Baccalaureate Degree

Candidates for a bachelor's degree who already hold another bachelor's degree, or its equivalent, must complete a minimum of 30 additional hours in Butler University for the second degree and must meet all of the specific requirements for that degree.

Classification of Students

124 hours and as many grade points as hours for graduation.
94 hours and as many grade points as hours for full senior standing.
64 hours and as many grade points as hours for full junior standing.
(All requirements for entrance to upper division must be met before a student is given junior standing.)
32 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.

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 1, a program of special study to be pursued by the candidate during the next year. 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 1 of the

† Band may be substituted for physical education under certain circumstances.
candidate’s senior year the major professor shall submit to the Committee on Graduation Honors 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. In exceptional cases a student who is not eligible at the beginning of the second semester of his junior year may become a candidate for 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 Graduation Honors, not later than June 9. Other details will be arranged by agreement with the major professor and the committee.

REQUIREMENTS COMMON TO ALL BACCALAUREATE DEGREES

Candidates for any baccalaureate degree must offer a minimum of 124 hours of credit and as many grade points as hours. At least 48 hours of the credit presented for graduation must be in courses numbered above 299. The following specific requirements in upper and lower division combined are common to all degrees:

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>16</td>
</tr>
<tr>
<td>Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Major Subject</td>
<td>30</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
</tbody>
</table>

Foreign Language

Requirements for foreign language are explained under the requirements for the various baccalaureate degrees.

Social Science

Sixteen hours including 5 hours in the lower division are required. These may be selected from the following departments, not more than the hours designated after each being acceptable toward this total:

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archaeology, Mythology and courses 301 and 302 in Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>Economics</td>
<td>10</td>
</tr>
<tr>
<td>Psychology</td>
<td>6</td>
</tr>
<tr>
<td>History and Political Science</td>
<td>10</td>
</tr>
<tr>
<td>Philosophy</td>
<td>10</td>
</tr>
<tr>
<td>Religion</td>
<td>6</td>
</tr>
<tr>
<td>Sociology</td>
<td>10</td>
</tr>
</tbody>
</table>
Natural Science

If two or more units of laboratory science are offered for entrance, 10 hours of mathematics may be substituted for 10 hours of laboratory sciences in college.

Major Subject

1. The student is required to select a major subject prior to admission to the upper division, and registration therein is withheld until the statement of major is filed in the office of the Registrar.

2. An average of 1.5 grade points must be maintained in the major subject.

3. The major subject may be chosen from any of the following fields: botany, chemistry, economics, education, English, French, German, Greek, history and political science, home economics, journalism, Latin, mathematics, music, philosophy, physics, psychology, religion, Semitics, sociology, speech, Spanish, and zoology.

4. At least 30 hours must be taken in one subject or 40 hours in closely related subjects. Twenty hours are required in each of the closely related subjects. In either case 20 hours must be in upper division courses.

5. After the statement of major subject has been filed in the Registrar's office, change in major will require consent of the Dean of the College and the Heads of the departments concerned.

6. Students transferring from another institution must complete at least 10 hours of the major in Butler University.

7. Not more than 40 hours may be offered in any one subject.

Elective Subjects

Electives are subject to the following limitations:

1. Not more than 40 hours may be offered in any one subject.

2. A maximum of 40 hours may be offered from any other college of the University.

3. Not more than 10 hours may be offered in strictly professional courses.

4. All courses must be selected in consultation with an adviser and be subject to his approval.

Requirements for the Degree Bachelor of Arts

Candidates for the degree Bachelor of Arts must meet the following specific requirements in lower and upper divisions combined:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>25</td>
</tr>
<tr>
<td>Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>16</td>
</tr>
<tr>
<td>Major Subject</td>
<td>30</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>124</td>
</tr>
</tbody>
</table>
The total foreign language required in high school and college is 36 hours, of which 20 hours must be in one language. 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 must be divided between not less than two nor more than three languages. The following chart will explain:

Students entering with 0 units from high school must take 35 semester hours in college.

Students entering with 1 unit from high school must take 30 semester hours in college.

Students entering with 2 units from high school must take 25 semester hours in college.

Students entering with 3 units from high school must take 20 semester hours in college.

Students entering with 4 units from high school must take 15 semester hours in college.

Students entering with more than 4 units from high school must take 10 semester hours in college.

Twenty hours must be taken in one language.

Language work done in high school may not be repeated in college and count towards a degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The degree of Bachelor of Science may be obtained in the natural sciences, in the natural sciences and mathematics, or in home economics. Special requirements for the degree exist in each of these groups. For some groups special curricula are suggested as aids to meeting these requirements.

In addition to the requirements outlined in the special curricula candidates for the degree of Bachelor of Science must conform to certain requirements for the degree of Bachelor of Arts. The groups of requirements which must be fulfilled are as follows: major requirements, requirements for upper and lower divisions, and restrictions regarding electives.

NATURAL SCIENCE

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td>Restricted Electives</td>
<td></td>
</tr>
<tr>
<td>*German</td>
<td>15</td>
</tr>
<tr>
<td>*French</td>
<td>10</td>
</tr>
<tr>
<td>Natural Science (including major)</td>
<td>60</td>
</tr>
<tr>
<td>Social Science</td>
<td>16</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Free Electives</td>
<td>9</td>
</tr>
<tr>
<td>Total</td>
<td>124</td>
</tr>
</tbody>
</table>

* One unit of either of these languages taken in high school is equivalent to five semester hours of college credit. Regardless of high school credit offered in these languages, each student must take at least six hours of one of them in college.
Students taking the Bachelor of Science degree after one year of medicine must offer 25 hours of foreign language in high school and college combined. Two languages must be offered of which 15 hours must be in either German or French, and at least 10 hours of modern language must be taken in college.

Consult the heads of departments in botany, chemistry, physics, or zoology, according to the major subject that is chosen.

**NATURAL SCIENCES AND MATHEMATICS**

<table>
<thead>
<tr>
<th>Required</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science and Mathematics (including major)</td>
<td>60</td>
</tr>
<tr>
<td>Social Science</td>
<td>16</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Free Electives</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

**Total**                        | 124   |

Consult the heads of departments in botany, chemistry, physics, zoology, or mathematics, according to the major subject that is chosen.

**HOME ECONOMICS**

<table>
<thead>
<tr>
<th>Required</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>10</td>
</tr>
</tbody>
</table>

| Restricted Electives                         |       |
| *Foreign Language (French)                   | 10    |
| Natural Science                              | 28    |
| Social Science                               | 16    |
| Home Economics (major)                       | 40    |
| Physical Education                           | 4     |

<table>
<thead>
<tr>
<th>Free Electives</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**Total**                                      | 124   |

**Curriculum in Home Economics:** As part of the general requirements for the degree, the student who is preparing to teach must meet the special requirements stated below. The student should consult the head of the department.

**General Requirements**

| English                                      | 10    |
| Foreign Language                            | 10    |

**Science Requirement**

| General Inorganic Chemistry                 | 10    |
| Organic Chemistry                           | 5     |
| Animal Biology                              | 3     |
| Physiology                                  | 5     |
| Bacteriology                                | 5     |

* The minimum of required work in foreign language is 20 hours (2 units from high school, and 10 hours in college). At least 10 hours, or the equivalent, must be taken in French. Not more than two languages may be offered to meet this requirement. At least 6 hours of foreign language must be taken in college.
Social Sciences
Principles of Economics ........................................... 5
Psychology ............................................................ 3
Electives in Social Science .......................................... 8

*Basic Requirements for Teachers
Foods ................................................................. 5
Dietetics .............................................................. 5
Clothing Construction ................................................. 6
Textiles ............................................................... 5
Child Development .................................................. 3
The House ............................................................ 3
Home and Social Relationships ...................................... 2
Home Management ................................................... 3
Home Nursing ........................................................ 2

Electives
Principles of Art ..................................................... 5
History of Costume .................................................. 2
Interior Decoration .................................................. 3
Institution Management ............................................ 3
Quantity Cookery ................................................... 3
Nutrition ............................................................... 5

PRE-PROFESSIONAL CURRICULA
The special curricula which lead to professional courses in other institutions or to a combination of professional work with a degree at Butler University are as follows: pre-medical curriculum, pre-dental curriculum, pre-nursing curriculum, pre-forestry curriculum, pre-law curriculum, pre-engineering curriculum, pre-dietetics curriculum, pre-theological curriculum.

The pre-professional student who expects to spend two years in preparation before entering a professional school should follow the special curricula outlined for the first two years. If after that time he should signify his intention of applying the work toward a Bachelor of Arts or Bachelor of Science degree in Butler University, reasonable time will be allowed for him to complete the requirements for entrance to the upper division.

Pre-Medical Curricula: In order to meet the requirements of different medical schools, Butler University offers the following pre-medical courses: (1) A regular four-year course which includes both the pre-medical requirements and the requirements for a bachelor's degree; (2) a three-year course which leads to a bachelor's degree after one year in the medical school.

Three-Year Pre-Medical Course: The requirements for a three-year course leading to the degree of Bachelor of Science after one year in medicine are tabulated below. The list includes the requirements for

* Students who are working toward the Bachelor of Science degree and whose interest is in other fields than teaching must consult the adviser in Home Economics for special curricula.
admission to Indiana University Medical School. Students who expect to attend another medical school must adjust their work to satisfy the requirements of the school of their choice.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>English Literature</td>
<td>6</td>
</tr>
<tr>
<td>*Language (preferably French or German)</td>
<td>15</td>
</tr>
<tr>
<td>Chemistry (including Organic)</td>
<td>16</td>
</tr>
<tr>
<td>Zoology (including Embryology)</td>
<td>15</td>
</tr>
<tr>
<td>Physics</td>
<td>8</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
| Social Science, to be chosen from two or three
  departments: Economics, Fine Arts, History, Philosophy,
  Political Science, Sociology                | 13    |
| Physical Education                           | 4     |
| Electives                                    | 12    |
| **Total**                                    | **98**|

A three-year course leading to an A. B. degree after one year in medicine, must include the requirements for the A. B. (See the requirements for degrees in the College of Liberal Arts and Sciences). The number of hours of electives in a given student's course will depend upon the credits offered for admission to college as well as the major subject chosen. Students should consult Professor Bruner regarding the pre-medical curricula.

**Pre-dental Curriculum:** Beginning in September, 1937, sixty hours of college preparation will be required for admission to the Indiana University School of Dentistry. To meet this requirement Butler University offers the following courses:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry (Inorganic)</td>
<td>10</td>
</tr>
<tr>
<td>Zoology</td>
<td>10</td>
</tr>
<tr>
<td>Physics</td>
<td>8</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>6</td>
</tr>
</tbody>
</table>

Electives, to be chosen from the following: Foreign Language 10; Psychology 3; Embryology 5; Heredity and Eugenics 2; American History 5; American Government 3; English Literature 6; Sociology 3 or 6; Principles of Economics 5; Public Speaking 3

**Total**                                    **24**

Other information may be obtained from Professor Bruner, adviser for pre-medical students.

* This presupposes two units of foreign language in high school.
Curriculum for Nursing: 1. Combination Course. This curriculum offers a combination of professional work with the degree of Bachelor of Arts in Butler University. A student who has acquired at least 94 hours of credit, including 4 hours of physical education, with as many grade points as hours in the College of Liberal Arts and Sciences of Butler University may receive the Bachelor's degree upon completion of the two-year course in the Training School for Nurses at Indiana University Hospitals, the Robert W. Long Hospital, or the City Hospital, provided that the student has met all the group requirements and the requirements of the upper and lower division of the College of Liberal Arts and Sciences, and in addition has satisfied the major requirements.

The course of training for nurses will, therefore, represent the 30 hours of credit which Butler University requires of its students in their senior year, in order to place upon the records the 124 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.

2. Two-year Course. The following course is recommended to those students who are unable to complete the requirements for graduation at Butler.

**FIRST YEAR**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zoology</td>
<td>5</td>
<td>Zoology</td>
<td>5</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>5</td>
<td>Foreign Language</td>
<td>5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**SECOND YEAR**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comp. Anatomy</td>
<td>5</td>
<td>Histology</td>
<td>5</td>
</tr>
<tr>
<td>Home Ec.—Cookery</td>
<td>5</td>
<td>Physiology</td>
<td>5</td>
</tr>
<tr>
<td>Hygiene</td>
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<td>Qualitative Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Micro-technique</td>
<td>3</td>
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</table>

The work of students taking combination courses will be under supervision of a special committee of the faculty. Students should consult Professor Bruner, who is adviser regarding this curriculum.

Pre-forestry Curriculum: Butler University offers the prospective student of forestry an opportunity to prepare for entrance into schools of forestry and at the same time, if the four-year course is followed, to meet all of the requirements for the Bachelor of Science degree in the University. The following programs are suggested, but may need to be modified to fit the pre-college preparation of the individual student. The student should consult Professor Friesner, who will act as adviser for all pre-forestry students.
### Four-Year Course

#### First Year

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>English</td>
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<tr>
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</tr>
<tr>
<td>*German</td>
<td>5</td>
<td>*German</td>
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</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
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<td>1</td>
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#### Second Year

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<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Chemistry</td>
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<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Trigonometry</td>
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<td>Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>College Algebra</td>
<td>2</td>
<td>Principles of Economics</td>
<td>5</td>
</tr>
<tr>
<td>*German</td>
<td>5</td>
<td>Taxonomy</td>
<td>2</td>
</tr>
<tr>
<td>Botany Seminar</td>
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<td>Botany Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
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<td>Physical Education</td>
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#### Third Year

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<tr>
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<tbody>
<tr>
<td>Zoology</td>
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<td>Zoology</td>
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<tr>
<td>*French</td>
<td>5</td>
<td>*French</td>
<td>5</td>
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<tr>
<td>Plant Physiology</td>
<td>5</td>
<td>Plant Ecology</td>
<td>5</td>
</tr>
<tr>
<td>Marketing</td>
<td>3</td>
<td>Social Science</td>
<td>3</td>
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#### Fourth Year

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<tr>
<td>Physics</td>
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<td>4</td>
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<tr>
<td>Plant Anatomy</td>
<td>5</td>
<td>Plant Pathology</td>
<td>5</td>
</tr>
<tr>
<td>Social Science</td>
<td>5</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Entomology</td>
<td>3</td>
<td>Upper division elective</td>
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</table>

### Two-Year Course

#### First Year

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<td>Trigonometry</td>
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<td>16</td>
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</tr>
</tbody>
</table>

* For each unit of French or German offered for entrance 5 hours may be deducted from the language requirements given here, but all candidates for the Bachelor of Science degree must take at least 6 hours of foreign language in college.
### Second Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry or Physics</td>
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<td>Chemistry or Physics</td>
<td>5</td>
</tr>
<tr>
<td>Plant Physiology</td>
<td>5</td>
<td>Taxonomy</td>
<td>5</td>
</tr>
<tr>
<td>Entomology</td>
<td>3</td>
<td>Principles of Economics</td>
<td>5</td>
</tr>
<tr>
<td>Economic Resources</td>
<td>2</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td></td>
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</tbody>
</table>

**Pre-law Curriculum:** Butler University offers the prospective law student the opportunity of preparing for his professional study in one, two, three, or four year pre-law courses. Students who expect to spend one or two years in preparation before entering law school should follow the program suggested below. Those who may care to secure a degree of Bachelor of Science or Bachelor of Arts as part of their pre-law preparation will be allowed reasonable time to meet the requirements for the upper division. The degree of Bachelor of Science or Bachelor of Arts will be granted to those who complete in Butler University a minimum of 124 hours, including all prescribed courses, with as many grade points as hours; or it may be granted to those who complete at Butler University a minimum of 94 hours, including all prescribed courses, with as many grade points as hours, and who offer 30 hours of electives chosen from the first two years of the law course. A student who can remain at Butler University only one year should select courses from among those suggested for the first year. Students should consult Professor Beeler, who is faculty adviser regarding the pre-law course.

### First Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature and Composition</td>
<td>5</td>
<td>English Literature and Composition</td>
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<tr>
<td>English History</td>
<td>3</td>
<td>English History</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>5</td>
<td>English Constitutional History</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>American Government</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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### Second Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Credit and Banking</td>
<td>3</td>
<td>American History</td>
<td>5</td>
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<tr>
<td>American History</td>
<td>5</td>
<td>Comparative Government</td>
<td>3</td>
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<tr>
<td>Monetary Theory</td>
<td>2</td>
<td>Public Finance</td>
<td>3</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>3</td>
<td>Business Combinations,</td>
<td></td>
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<tr>
<td>Corporation Finance</td>
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<td>Trusts</td>
<td>3</td>
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<tr>
<td>†Physical Education</td>
<td>1</td>
<td>†Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

† Band may be substituted for Physical Education under certain circumstances.
Pre-engineering Curriculum: Students who wish to spend one, two, or three years at Butler University with the expectation of later completing a course in engineering must meet all the entrance requirements of the engineering school in which they plan to pursue their technical training. In college they must pursue a prescribed course of study under the direction of the adviser for pre-engineering students. Such students will also find it advantageous to spend a summer session at the chosen engineering school taking prescribed technical subjects as prerequisite to the advanced technical courses constituting the work of the later years of the professional curricula.

The student who gives two years to the pre-engineering course will take the following course, except in curricula requiring a modification to meet the specific needs of a particular engineering school. Such variation must be approved by Professor Elliott, the adviser of pre-engineering students.

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
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</thead>
<tbody>
<tr>
<td>English Composition</td>
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<td>English Composition</td>
<td>2</td>
</tr>
<tr>
<td>English Literature</td>
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<td>English Literature</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</td>
<td>2</td>
<td>Analytical Geometry</td>
<td>5</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>3</td>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
<td>Physical Education</td>
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</tr>
<tr>
<td></td>
<td>16</td>
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</tr>
</tbody>
</table>

**SOPHOMORE YEAR**

|                        |       |                        |       |
| Calculus               | 5     | Calculus               | 5     |
| Physics                | 5     | Physics                | 5     |
| Foreign Language or    | 5     | Foreign Language or    | 5     |
| History                | 1     | History                | 1     |
| Physical Education     |       | Physical Education     |       |
|                        | 16    |                        | 16    |

Provision is made for a combined course leading to a degree of Bachelor of Arts or Bachelor of Science in Butler University and a degree in engineering from a standard school of engineering. This course ought normally to be completed in five years if properly planned from the beginning.

By permission Mechanical Drawing may be taken in either the freshman or sophomore year in the class conducted by Purdue University in this city.

**Pre-dietetic Curriculum:** The pre-dietetic curriculum offers a combination of professional work with the degree of Bachelor of Science in home economics from Butler University. Students should consult Miss Wilhite, who is adviser regarding this curriculum.
### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Course</th>
<th>Hours</th>
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<tbody>
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<td>English</td>
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<td>English</td>
<td>5</td>
</tr>
<tr>
<td>French</td>
<td>5</td>
<td>French</td>
<td>5</td>
</tr>
<tr>
<td>Chemistry (Inorganic)</td>
<td>5</td>
<td>Chemistry (Inorganic)</td>
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</tr>
<tr>
<td>Physical Education</td>
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<td>Physical Education</td>
<td>1</td>
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### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Chemistry (Organic)</td>
<td>5</td>
<td>Textiles</td>
<td>5</td>
</tr>
<tr>
<td>Foods</td>
<td>5</td>
<td>Foods</td>
<td>5</td>
</tr>
<tr>
<td>Animal Biology</td>
<td>3</td>
<td>Physiology</td>
<td>5</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>Physical Education</td>
<td>1</td>
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<td>Physical Education</td>
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### JUNIOR YEAR

<table>
<thead>
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<th>Course</th>
<th>Hours</th>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Nutrition</td>
<td>5</td>
<td>Dietetics</td>
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<tr>
<td>Principles of Economics</td>
<td>5</td>
<td>Institutional Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>5</td>
<td>Institutional Management</td>
<td>3</td>
</tr>
<tr>
<td>*Chemistry (Physiological)</td>
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<td></td>
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### SENIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>3</td>
<td>Quantity Cookery</td>
<td>3</td>
</tr>
<tr>
<td>Child Care</td>
<td>3</td>
<td>Home Management</td>
<td>2</td>
</tr>
<tr>
<td>Home Relationships</td>
<td>2</td>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Education</td>
<td>3</td>
<td>Electives</td>
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<td>Electives</td>
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</tbody>
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### DEPARTMENTS AND COURSES OF INSTRUCTION

**Departments of Instruction**

I. Archaeology
II. Band
III. Botany
IV. Chemistry
V. Classical Languages and Archaeology
VI. Economics
VII. Education

XIII. Home Economics
XIV. Journalism
XV. Mathematics
XVI. Philosophy
XVII. Physical Education
XVIII. Physics
XIX. Psychology
XX. Religion

* Given in alternate years.
Courses of Instruction

Note: The Roman numerals immediately following the description of each course indicate semesters and the Arabic numerals, hours of credit. "(2) or (3)" indicates that the course may be given in a certain semester as a 2-hour course and at some other time as a 3-hour course. The student may receive only the amount of credit on the schedule for the particular semester. "(2-3)" indicates that in the same class some students may receive 2 hours of credit and some may receive 3. The designation "(2-3)" is permitted only in laboratory or in seminar courses which partake of a laboratory character; it is never permitted in lecture or in recitation courses.

Courses within brackets will not be offered during the academic year 1938-1939. The days and hours of class meetings may be found in the "Schedule of Recitations." "Continuous Course" shall be used to indicate a course which must be taken both semesters in order to receive credit.

The numbering of courses indicates whether a course is intended for students in the lower division, for students in the upper division, or for graduate students. 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 graduate students or to seniors whose credit point average is 2.

I. ARCHAEOLOGY

The description of courses in archaeology may be found under the Department of Classical Languages and Archaeology, under the course numbers 321, 322, 325, 326.

II. BAND

ELLIS R. CARROLL, INSTRUCTOR
STUDENT DIRECTOR

The description of courses in Band may be found under the Department of Fine Arts.

III. BOTANY

PROFESSOR FRIESNER
ASSISTANT PROFESSORS PALMER AND POTZGER
ASSISTANTS

The courses in this department have been planned for those who may elect botany for its educational value and for the ful-
fillment 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 should plan their courses with the head of the department as early as possible. Major students are required to take at least 15 hours in courses numbered above 340 and at least one year each of zoology, chemistry, French and German. A major in botany may be applied toward either the A. B. or the B. S. degree.

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 7 hours credit may be allowed for this course. Courses numbered above 340 also carry graduate credit.

101, 102. General Botany: A survey of the structure and functions of the plant cell, followed by a survey of the plant kingdom, 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, $6.00.

Mr. Friesner, Mr. Palmer, Mr. Potzger. I, II (5)

302. Trees: Identification of the trees of the local flora. Special attention is given to the principles of classification and the construction of keys. Twelve hours of laboratory per week for first half of the semester. Prerequisite, courses 101, 102, or equivalent. No fee.

Mr. Friesner. II (1-2)

303. Ferns: Identification of the ferns and fern allies of northeastern North America. Taxonomic principles and key construction are given special consideration. Six hours of laboratory work per week. Prerequisite, courses 101, 102 or equivalent. Fee, $1.00 per hour of credit.

Mr. Friesner. II (1-2)

304. Spring Flowers: Identification of the seed plants of the spring flora. Twelve hours laboratory work per week for second half of the semester. Prerequisite, courses 101, 102 or equivalent. No fee.

Mr. Friesner. II (1-2)

307. Autumn Flowers: A study of the autumn flowers, the identification of the species and the construction of keys for their recognition. Twelve hours of field and laboratory work for the first nine weeks.

Mr. Potzger. I (1-2)

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, with suggestions for the preparation of material and devices for increasing interest in the study.

Mr. Friesner. 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)]

346. Relation of Plants to Conservation: A course dealing with the relation of plants to soil erosion, tree crops and their relation to soil and moisture conservation and flood prevention, the problem of our grasslands, forest conservation, and the conservation of our natural resources.
Mr. Potzger.

II (3)

351, 352. Current Literature: A class 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 planned 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. Prerequisite, courses 101, 102. Fee, $1.00 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.

II (2)]

358. Heredity: A course dealing with the facts, hypotheses, 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.

I (2)

363. Plant Physiology: A study of the vital activities of plants, such as photosynthesis, respiration, absorption, growth, and reaction to stimuli. This course is advised for students of agriculture and forestry, 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.

I (5)

364. Introduction to Ecology: A study of ecological anatomy, climatic and edaphic factors, geographical distribution, and 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.
Mr. Friesner.

I (5)
work. Prerequisite, courses 101, 102, 302 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 per week. Prerequisite, courses 101, 102, 304.

Mr. Friesner.]

II (3)]

373. 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 per week. Prerequisite, courses 101 and 102, or Zoology 101 and 102, or Chemistry 101 and 102.

Mr. Palmer.

II (3)]

375. Microbiology: Laboratory work accompanying course 373. Nine hours laboratory work per week. Fee, $10.00.

Mr. Palmer.

I (3)]

368. Comparative Microscopy: A course dealing in a comparative way with molds and other common micro-organisms, with cell inclusions, macerated tissue-fragments, pollen, and wood. This course includes the microscopic analysis of canned foods, dairy products, adulterants, and lumber. Two lectures and 3 to 9 hours laboratory work per week. Prerequisite, 10 hours laboratory science, preferably Botany 101, 373, and 375. Fee, $7.50.

Mr. Palmer.

II (3-5)]

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 at least one of the following courses: 302, 303, 304, or 307. Fee, $1.00 per hour of credit.

Mr. Potzger.

II (1-2)]

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.

II (1-2)]

401. Mosses: Identification of the mosses of North America. Special attention is given to principles of classification, key construction, and ecological significances and relationships. This course is primarily for seniors and graduate students. Six hours of laboratory work per week. Prerequisite, courses 101, 102 and at least one of the following courses: 302, 303, 304, or 307. Fee, $1.00 per hour of credit.

Mr. Potzger.

II (1-2)]

[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. Prerequisite, courses 101, 102, 304, and, preferably, 364.

Mr. Friesner.]

II (3)]
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.

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

In addition to these, courses numbered above 340 may be taken with under-graduates for graduate credit.

IV. CHEMISTRY

Professor Shadinger
Associate Professor Means
Assistant Assistant

Courses offered in the Department of Chemistry 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, 305, 306, 308, 351, 353, 354, 407, 408, 409 and 410. A biochemistry major requires courses 101, 102, 303, 305, 306, 308, 351, 353, 354, 360, 407, and 408.

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

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 continuous course.

I, II (5)
303. Advanced Inorganic Chemistry and Quantitative Analysis: 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 students whose major is chemistry or those who may desire to teach chemistry. Two lecture periods and three laboratory periods of 2 hours each per week through the first semester. Courses 303 to 308 constitute a full year's work. Prerequisite, courses 101 and 102.

305. Advanced Inorganic Chemistry and Quantitative Analysis: A laboratory course to accompany course 303, covering the elements of physical chemistry and quantitative analysis. Prerequisite, courses 101, 102.

306. Qualitative Analysis: The metallic elements studied from the standpoint of the periodic and analytical classification. Two lecture periods per week through the second semester. Prerequisite, courses 101, 102, and preferably 303, 305.

308. Qualitative Analysis: A laboratory course consisting of a study of the reactions, methods of separation and detection of the metals and common acids based upon the applications of the laws of equilibrium and mass action. Three laboratory periods of two hours each per week through the second semester. Prerequisite, courses 101, 102, and preferably 303, 305.

351. Organic Chemistry: Lectures, recitations and quizzes. A study is made of both the aliphatic and aromatic compounds. Prerequisite, 101, 102.

353. Organic Chemistry Laboratory: Organic preparations to accompany or follow 351. Quizzes.

354. Organic Chemistry: Lectures, recitations and quizzes. A continuation of 351 or its equivalent, designed for those desiring a more detailed knowledge of the subject. Prerequisite, 351, 353.

360. Physiological Chemistry: A course recommended to students majoring in home economics and chemistry. Two lecture periods and three laboratory periods of 2 hours each per week through the second semester. Prerequisite, courses 101, 102, 351, 353, and preferably courses 306, 308, and 354, also physiology and bacteriology.

364. Methods of Teaching High School Chemistry: A two-hour course in the teaching of chemistry.


408. Quantitative Analysis: A laboratory course consisting of both gravimetric and volumetric analysis. Prerequisite, courses 101, 102, 303, 305, 306, 308, and preferably courses 351, 353, 354.
409, 410. Physical Chemistry: A course recommended to students majoring in chemistry. Two lecture periods and one laboratory period of three hours per week each semester. Prerequisite, courses 407, 408, one year of college physics, differential and integral calculus. I, II (3)

411. Organic Preparations: A laboratory course requiring 3 hours of work for each hour of credit. Prerequisite, course 354 and preferably course 408. (Credit, 2 hours or more.)

412. 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, courses 407, 408. (Credit, 2 hours or more.) I, II

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. I, II (Credit and hours to be arranged.)

The laboratory fee is $5.00 per hour with a maximum charge of $10.00 for any one course. The fees are payable in advance. Extra charges may be made for breakage.

V. CLASSICAL LANGUAGES AND ARCHAEOLOGY

PROFESSOR GELSTON
PROFESSOR MACDONALD
GRADUATE ASSISTANT

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.

Four hours of credit may be allowed for translation courses in New Testament Greek for a major or for the fulfillment of language requirement. An elementary course in New Testament Greek can not be counted toward a major nor toward a language requirement.

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 306 and 305; those offering 2 units should elect 203 and 204. A Latin major must include courses 317, 318, and two
of the following: 341, 343, 344, 345, 346, 347, or an equivalent, and also Archaeology 325 and 326. It is strongly advised that the major student also elect Greek 101, 102, or its equivalent.

**Greek**

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

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

304. Homer: *The Odyssey*, a study of Mycenaean civilization. II (3)

[307, 308. Greek Tragedy: A study of the Greek theatre, of the presentation of plays, of the origin of tragedy, and of the tragic themes of the great dramatists. I, II (3)]

309, 310. Herodotus and Thucydides: A study of 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: A review of the fundamentals of Greek grammar by actual practice in writing. I (2)]

315. Selections from Mark and Luke: A study of the linguistic features of koine Greek. Prerequisite, courses 101 and 102, or other elementary courses in classical Greek. I (2)

316. Selections from Acts and Romans: A study of the linguistic features of koine Greek. Prerequisite, courses 101 and 102, or other elementary courses in classical Greek. II (2)

[319. Selections from John and Matthew: A study of the linguistic features of koine Greek. Prerequisite, courses 101 and 102, or other elementary courses in classical Greek. I (2)]

[320. Selections from Greek Papyri: A study of typical papyri in relation to linguistic features and to understanding of life in the Graeco-Roman world. Prerequisite, courses 101 and 102 (or other elementary courses in classical Greek) and 315 or 319. II (2)]

**Latin**

Courses 101 to 306 are open to freshmen according to the extent of their preparation.

101, 102. Elementary Course: A study of forms and syntax, selections from Caesar, the relation of Latin to English. For those who wish to begin the study of Latin in college. Continuous course. This course is offered in alternate years. I, II (5)

Courses 203 and 204 are intended for those who offer two units of Latin for admission. They will enable the student to satisfy the college foreign-language requirement of twenty hours in one language, and they also prepare for the more advanced courses in Latin.

204. Selections from Ovid and from Vergil's Aenid I-II: Constant practice in oral reading and translation. II (5)

Courses 305 and 306 are intended for the student who offers three or four units of Latin for admission.


Junior-Senior Courses

The prerequisites of the following courses are Latin 305, 306. Latin 307 and 308 should precede all others below. 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 or equivalent, and Archeology 325 and 326. Course 331 is planned to satisfy the state requirement and should be taken by those expecting to teach.

307. Roman Comedy: The Andria of Terence and The Captives or the Trinummus of Plautus to be read. Special reports by members of the class on the theatre and drama of Greece and Rome. Prerequisite, 305, 306, or equivalent. I (3)

308. Pliny's Letters (Selections): Study of the customs and history of the early empire. Practice in sight reading. Prerequisite, 305, 306, or equivalent. II (3)

309. Catullus: Much attention given to oral reading, careful translation, and interpretation. Study of the lyric form. I (3)

310. Latin Elegy: Selections of Tibullus, Propertius, and Ovid. Attention given to the development of elegy and its forms. II (3)

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 Latin in High School: 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. This course will be offered every other year. It will not be given in 1939-1940. I (2)

332. History of Latin Literature from the Earliest Time to the Fourth Century A. D.: Lectures and reports, reading of text books, and of selections in translation. II (2)

343. Cicero, De Officiis I and Selections: Reading and interpretation to be accompanied by a study and comparison of the dominant systems of thought in the Ciceronian age. I (3)

344. Vergil, Aeneid VII-XII: A rapid reading of the last six books of the Aeneid with study of special topics. The rise of the epic with its culmination in the Aeneid. II (3)

[345. Vergil, The Eclogues and Georgics. I (3)]

[346. Horace and Juvenal: Reading and interpretation. Comparison of two great satirists and a study of the development of Roman Satire. II (3)]

[347. Lucretius, De Rerum Natura (Selection): Study of Epicurean philosophy, the atomic theory in antiquity and its relation to modern concepts. I (3)]

Archaeology

Archaeology is the study of the art, architecture, customs, and beliefs of ancient peoples as shown by their monuments, inscriptions, and handiwork. It should be 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.

II (2)

Note: Courses which may be counted for graduate work:


Greek: 307, 308, 309, 310, 320.

VI. ECONOMICS

The following courses may be accepted from the College of Business Administration either toward a major in Economics or as elective subjects toward a baccalaureate degree in the College of
Liberal Arts and Sciences. All other courses in Economics and Business Administration are considered professional. A maximum of ten hours of professional courses, but no stenographic courses, may be counted toward a baccalaureate degree in the College of Liberal Arts and Sciences.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>150</td>
<td>Elements of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>181, 182</td>
<td>Economic History and Economic Resources</td>
<td>4 or 6</td>
</tr>
<tr>
<td>*200 (or 201, 202)</td>
<td>Principles of Economics</td>
<td>5 or 6</td>
</tr>
<tr>
<td>250, 251</td>
<td>Principles of Accounting</td>
<td>6</td>
</tr>
<tr>
<td>272, 273</td>
<td>Essentials of Law</td>
<td>6</td>
</tr>
<tr>
<td>300, 301</td>
<td>History of Economic Thought</td>
<td>4</td>
</tr>
<tr>
<td>302</td>
<td>Types of Economic Organization</td>
<td>3</td>
</tr>
<tr>
<td>303</td>
<td>Contemporary Economic Thought</td>
<td>2</td>
</tr>
<tr>
<td>304</td>
<td>Economic Problems of the Consumer</td>
<td>3</td>
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<tr>
<td>307</td>
<td>Methods of Teaching Economics in High School</td>
<td>2</td>
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<tr>
<td>308</td>
<td>Methods of Teaching Commercial Subjects in High School</td>
<td>2</td>
</tr>
<tr>
<td>*310</td>
<td>Credit and Banking</td>
<td>3</td>
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<tr>
<td>311</td>
<td>Monetary Theory</td>
<td>2 or 3</td>
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<tr>
<td>312</td>
<td>Foreign Exchange</td>
<td>2</td>
</tr>
<tr>
<td>313</td>
<td>Central Banking Systems</td>
<td>2</td>
</tr>
<tr>
<td>315</td>
<td>Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>316</td>
<td>Mergers and Consolidations</td>
<td>2</td>
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<tr>
<td>317</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>*320</td>
<td>Introduction to the Study of Labor</td>
<td>3</td>
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<tr>
<td>321</td>
<td>Government and Labor</td>
<td>3</td>
</tr>
<tr>
<td>*330</td>
<td>Public Utilities</td>
<td>3</td>
</tr>
<tr>
<td>331</td>
<td>Railway Transportation</td>
<td>3</td>
</tr>
<tr>
<td>*340</td>
<td>Public Finance</td>
<td>3</td>
</tr>
<tr>
<td>341</td>
<td>Taxation Problems</td>
<td>2</td>
</tr>
<tr>
<td>360</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>363</td>
<td>Foreign Trade</td>
<td>2 or 3</td>
</tr>
<tr>
<td>372-373</td>
<td>Business Law</td>
<td>4</td>
</tr>
<tr>
<td>374</td>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>375</td>
<td>Life Insurance</td>
<td>2</td>
</tr>
<tr>
<td>376</td>
<td>Property Insurance</td>
<td>2</td>
</tr>
<tr>
<td>380</td>
<td>Economic History of England (History 340)</td>
<td>3</td>
</tr>
<tr>
<td>381</td>
<td>Economic History of Modern Europe (History 329)</td>
<td>3</td>
</tr>
<tr>
<td>382</td>
<td>Economic History of United States</td>
<td>2 or 3</td>
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<tr>
<td>385</td>
<td>Land Economics</td>
<td>3</td>
</tr>
<tr>
<td>386</td>
<td>Economic Problems of Agriculture</td>
<td>2</td>
</tr>
<tr>
<td>401, 402</td>
<td>Seminar</td>
<td>1-4</td>
</tr>
</tbody>
</table>

* Required for a major.
VII. EDUCATION

The following courses may be accepted either toward a major or as elective subjects toward a baccalaureate degree in the College of Liberal Arts and Sciences. All other courses numbered above 300 in the College of Education are considered professional. A maximum of 10 hours of professional courses may be counted toward a degree in the College of Liberal Arts and Sciences. No course numbered below 300 (except such as appear in the following list) shall be accepted for credit in the College of Liberal Arts and Sciences, since such courses apply to elementary certificates.

**History and Philosophy of Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>411. History of Education</td>
<td>3</td>
</tr>
<tr>
<td>412. History of Education in the United States</td>
<td>3</td>
</tr>
<tr>
<td>413. Evolution of Educational Theories</td>
<td>3</td>
</tr>
<tr>
<td>414. Social Aspects of Education</td>
<td>3</td>
</tr>
<tr>
<td>511. Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>512. Comparative Education</td>
<td>2</td>
</tr>
</tbody>
</table>

**Psychology**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>261. Psychology I (Introduction)</td>
<td>3</td>
</tr>
<tr>
<td>263. Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>461. Animal and Human Learning</td>
<td>3</td>
</tr>
<tr>
<td>462. Mental Hygiene</td>
<td>3</td>
</tr>
<tr>
<td>561. Psychology of the Pre-School Child</td>
<td>2</td>
</tr>
<tr>
<td>562. Psychology of Childhood</td>
<td>3</td>
</tr>
<tr>
<td>563. Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>564. Psychology of Personality</td>
<td>2</td>
</tr>
</tbody>
</table>

VIII. ENGLISH

**Professor Harrison**

**Associate Professors Stewart and Welling**

**Assistant Professors Helming, Schumacher, Sisson, Wesenberg, Sparks, and Walters**

**Mrs. Fisher, Assistant**

Courses offered by the Department of English have as their aim to give the student constant and regular practice in English composition, oral and written, 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 as prerequisites for all advanced English work; other courses offered are elective. 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:
10 hours of composition (oral and written), 15 hours of literature, and 2 hours of methods of teaching English. But the 2 hours of methods of teaching and courses in Speech (or oral composition) cannot be counted on requirements for majoring in English, though full credit will be given for them as elective courses. Only the courses in Public Discussion and Debate can be counted for an English major or minor.

Students majoring in Speech are required to take the following courses which are prerequisite for all other courses in Speech: 101-Sp, 211-Sp, 221-Sp, 211-FA, 213-FA, 331-Sp, 335-Sp, and Varsity Debate.

A. Division of Composition and Literature

100. English Composition (Special): A laboratory course in English required of all students failing the placement test. This course does not count toward the Freshman English requirement nor does it apply on an English major. Five hours of recitation. I (2)

101, 102. Freshman English: A course in which the student makes a study of the principles of composition, and writes weekly themes. Lectures, Recitations, Conferences. Required of all freshmen. Continuous course.

I, II (2)


I, II (3)

301. Advanced Composition: An advanced course which continues the composition work of the freshman year. Advised for pre-medical students, and for all those who need six hours of composition. Fee, $1.00 per semester.

Miss Stewart.

I or II (2)

313, 314. Creative Writing: An advanced course open to students especially interested in writing as an art. Open to juniors and seniors only. Fee, $1.00 per semester.

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. Short Story: A course consisting of the reading and discussion of representative stories with a view to estimating accepted standards of literary technique and art. Prerequisite, 10 hours of English.

Miss Welling.

I (2)

321. One-act Play: A study of representative one-act plays. Prerequisite, 10 hours of English.

Miss Welling.
Miss Wellin. I, II (3)

324. Contemporary Poetry: A discussion of poetry written in English since 1910, aimed both toward enjoyment of its modern expression, and toward appraisal of its lasting values. Prerequisite, 10 hours of English.
Mrs. Wesenberg. I (3)

325. Contemporary Drama (American, English, and European): A study of contemporary drama as it reflects the life and thought of modern times. Prerequisite, 10 hours of English.
Mr. Harrison. I (2)

327, 328. American Literature: A study, appreciative and critical, of American prose and poetry. Prerequisite, 10 hours of English or the equivalent.
Miss Stewart, Miss Wellin. 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: A study of representative novels from Jane Austen to John Galsworthy. Prerequisite, 10 hours of English.
Mr. Harrison. I, II (2)

334. Types of Drama: A study of the origin and development of the Classical, the Romantic, and the Realistic types of drama. Prerequisite, 20 hours of English.
Mr. Harrison. II (3)

335, 336. English Drama: A study of the development of English drama from the sixteenth to the nineteenth century, exclusive of Shakespeare.
Miss Stewart. I, 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, 349.
Mr. Harrison. I (3)

Mr. Harrison. II (3)]

340. Seventeenth Century Literature: A study of the spirit of the Seventeenth Century as it is expressed in poetry and prose from Shakespeare to Addison, with emphasis on John Donne and the Caroline poets, and on such prose writers as Burton, Izaak Walton, and Sir Thomas
Browne. Prerequisite, 20 hours of English, except in the case of sophomores having excellent grades in 15 hours of English.

Mrs. Wesenberg.


Mrs. Wesenberg.

349. 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.

350. Methods of Teaching English in High School: A practical study of the high school course in English: its aims, content, methods, and texts. Open to juniors and seniors who are electing English as a major or minor for Indiana teacher's license. Not counted in required hours for an English major.

Miss Helming.

[352, 353. The "Character" in English Literature: A study of character writing in the seventeenth century in its relation to the development of the Essay, the Drama, and the Novel.

Miss Stewart.

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. A list of courses, purely graduate and otherwise, is to be found in the announcement of the Division of Graduate Instruction.

B. Division of Speech

The courses in Speech are divided into four groups: Public Speaking, Public Discussion and Debate, Platform Reading, and Speech Correction.

101-Sp. Public Speaking: A study of the fundamentals of public speaking. The four elements which make up the speech situation are studied: the speaker, the audience, the occasion, and the speech. Extensive practice in the preparation and delivery of speeches is given. Exceptional students will be given the opportunity to enroll in the Speakers' and Entertainers' Bureau. Fee, 50 cents. Recording fee, $1.25.

NOTE: Each student enrolled in English 101-Sp. will be given a complete vocal diagnosis in the Speech Clinic together with suggestions and exercises for speech improvement.

201-Sp. Radio Speaking and Recording: A study of radio speaking and speech recording. The use of the microphone, program planning, and guest radio speakers will be included. Recording fee, $1.25.
211-Sp. Public Discussion and Debate: A study of the analysis of public questions for platform presentation, the collection of evidence, and brief-making. Actual platform experience in public discussion and debate is given. This course is a prerequisite for varsity debating. Prerequisite, 101-Sp.

221-Sp. Platform Reading: A study of the art of transferring meaning from the printed page to the mind of an audience. Selections studied in the division of composition and literature are read in such a way as to stimulate various moods within an audience. Prerequisite, 101-Sp. Fee, 50 cents. Recording fee, $1.25.

301-Sp. Advanced Public Speaking: A continuation of course 101-Sp, including a more detailed study of the technique of vocal persuasion. The methods used by great speakers to motivate audiences are studied and actual practice is afforded in speaking. Prerequisite, 101-Sp.

302-Sp. Oratory: A history of early, medieval, and modern oratory. Various kinds of orations will be studied and constructed. Orations of ten, fifteen, and twenty minutes will be delivered. Attention will be given to contest work in this course. Prerequisite, 101-Sp.

303-Sp. Advanced Radio Speaking: A continuation of course 201-Sp., including a more detailed study of the technique of speaking over the radio. This course is not designed to train announcers but is designed to give laymen an understanding of the problems of speaking into a microphone. Recording fee, $1.25.

331-Sp. Phonetics: A study of the speech sounds with their methods of production for the purpose of enabling students not only to improve their own speech but also to correct the phonetic difficulties of others. Prerequisite, 101-Sp. Fee, $1.00.

335-Sp. Speech Correction: A study of the various types of speech disorders, their causes, their methods of treatment, and of general clinical practice. This course is particularly valuable for those who are preparing to teach English and Speech. Prerequisite, 101-Sp, 331-Sp. Fee, $1.00.

336-Sp. Advanced Speech Correction: A continuation of the study of the types of speech disorders with particular attention given to the more serious types such as stuttering and aphasia. General clinical practice will be included. Prerequisite, 101-Sp, 331-Sp, 335-Sp. Fee, $1.00.

[350-Sp. Methods of Teaching Speech in High School: A course designed to meet the needs of students intending to teach courses in Speech. Prerequisite, either major or minor speech requirements.]
The Department of Fine Arts embraces three divisions: (A) Special Arts including architecture, sculpture, painting and the so-called practical or applied arts; (B) Music in all its forms; (C) Drama.

Regular students in Butler University may take electives not to exceed fourteen 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.

Students majoring in Fine Arts for the A. B. degree are at present limited to the division of Music. They are required to take 33 hours of work distributed as follows: Music History, Literature and Appreciation, 8 hours; Theory (sight singing, ear training and harmony), 9 hours; Applied Music (voice or an instrument), 12 hours; Ensemble (chamber music groups, orchestra or choir), 4 hours; in addition, electives not to exceed 7 hours may be taken in harmony, counterpoint, form, composition, conducting, music literature.

Regular students in Butler University may take electives not to exceed twenty hours in music subjects at the University and the Arthur Jordan Conservatory of Music. The selection of these electives, with not more than four hours in any one of the groups listed below, may be taken from the following: Applied Music (of Conservatory grade); Music History; Music Literature and Appreciation; Sight Singing and Ear Training; First Year Harmony; Second Year Harmony; Form and Counterpoint; Ensemble, i.e., instruction in chamber music ensembles, in band, in orchestra, and in choral groups.

Students wishing to devote themselves to the professional study of an instrument or composition should register in the Arthur Jordan Conservatory of Music for the course leading to a B.M. or M.M. degree. Those wishing to pursue the course leading to a degree in Dramatic Art (B.D.A.) should register with the Arthur Jordan Conservatory. Those wishing to teach music in the public schools should take the curriculum leading to the B.M. degree in School Music offered jointly by Butler University and the Arthur Jordan Conservatory of Music.

A. Division of Spacial Arts

[301. History of Ancient Art: A general introduction to the architecture, sculpture, painting and handicrafts of prehistoric times, Egypt, Mesopotamia, Persia, Crete, Greece, Byzantium and Europe to the year 1000 A.D. Illustrated lectures and laboratory work with pictures.]
[302. History of Medieval and Modern Art: Romanesque, gothic, renaissance and modern architecture, sculpture and painting: a continuation of course 301, but may be taken separately. II (3)]

321, 322. Greek Archaeology: See Department of Classical Languages and Archaeology.
Miss Macdonald. I, II (3)

[324. History of Architecture: See Home Economics Department. Miss Wilhite. II (5)]

325. Roman Archaeology: See Department of Classical Languages and Archaeology.
Mr. Gelston. I (2)

326. Ancient Rome: See Department of Classical Languages and Archaeology.
Mr. Gelston. II (2)

B. Division of Music

The courses listed below are given at the Arthur Jordan Conservatory of Music. If, however, six or more students from Butler University are enrolled in a course, an additional section will be given on the Butler campus.

101. Sight Singing, Dictation: Recognition of pitch in different registers; scale tendency of tones; intervals within the scale; primary chords; simple cadence; melodic and rhythmic dictation; sight singing of simple compositions. Three hours of recitation. I (1)

102. Sight Singing, Dictation: Figure, phrase and period construction; major and minor scales; seventh chords; cadence forms; melodic and rhythmic dictation; sight singing of excerpts from well known composers. Three hours of recitation. II (1)

103, 104. First Year Harmony: A study of the combination of sounds into chords and their use in the harmonization of melodies. The approach is aural rather than visual, musical rather than abstract. The first year's work takes the student through the use of the primary and secondary triads and the dominant seventh chord. I, II (2)

107, 108. Music Appreciation: The work of this course consists of a study of the major works to be performed on programs of local and visiting artists and music organizations and in student and faculty recitals. The course is designed to give the student a survey of representative works in each of the great fields of music literature with the emphasis upon an intelligent as well as an emotional enjoyment of the music studied. Concert fee. I, II (2)
111. Conducting: The reading of vocal and instrumental scores and the fundamentals of baton technique. I (2)

177, 178. Conservatory Choir: A small group of mixed voices selected for their vocal and musical ability. The repertoire of the choir each year is made up of representative works from each of the great schools of choral literature since the sixteenth century. Membership in the choir is open to both Butler and Conservatory students. (Given at the Conservatory.) I, II (1)

179, 180: Butler University Choir: A choir of mixed voices organized for the performance of choral works. Membership is limited to sixty voices. Butler students are eligible for the choir. Those interested in applying for membership should see the instructor before or during the first week of school. (Given at Butler). I, II (1)

185, 186. Band: Fall drill in march music, formations and evolutions in connection with athletic events. Winter and spring devoted largely to concert material. Try-outs the first week of school. Open to all classes. Rehearsals three times a week. (Given at Butler.) I, II (1)

201. Sight Singing, Dictation: Chord progressions; dictation of melodic thematic material in two parts; rhythmic problems; sight reading of excerpts and studies from standard composers. Three hours of recitation. I (1)

202. Sight Singing, Dictation: Thematic material selected from standard compositions used for dictation; dictation of chord progressions in four-voiced harmony, involving modulation and chromatic changes; dictation of complicated rhythms; sight singing involving same problems with studies from standard composers. Three hours of recitation. II (1)

203, 204. Second Year Harmony: A study of embellishing and substitute chords and modulation, including secondary sevenths, the leading-tone seventh, ninths, neopolitan sixth and augmented sixth formations, and a study of altered chords and a short survey of modern harmonic tendencies. I, II (2)

303, 304. Counterpoint: A study of the principles of strict counterpoint in the fine species. Combinations of three melodies in as many species culminating with three and four part writing in fifth species and an introduction to the possibilities of diminution, augmentation, double counterpoint, imitation, canon and the application of counterpoint to practical composition. Prerequisite, Music 203, 204. I, II (2)

The rise of opera and oratorio. Growth of polyphony to its culmination in the works of Bach. Correlation of the evolution of music with the evolution in other arts follows through both semesters.


317, 318. Church Music: A course primarily for those engaged in the study of religion. The historical development of music within the church, hymnology, a survey of anthem materials together with discussion of the practical problems of the organization and administration of music in the present day church. (Given at Butler.)

Applied Music: The courses in Applied Music are given by private instructors at Arthur Jordan Conservatory. These courses in piano, organ, voice, violin and cello are accepted to the extent of 12 hours credit toward a major in music for the A.B. degree. One half-hour lesson a week is required for two hours credit a semester; all work must be of conservatory level to receive credit. The student must have completed the requirements for the first semester of his second year's work (of conservatory level) in his instrument before graduation. Additional fees are charged for this work. For list of courses, instructors and prices inquire of the registrar of the Arthur Jordan Conservatory of Music.

C. Division of Drama

214. Stage Technique: A course in the fundamentals of acting. Students participate in a laboratory approach to pantomimic characterization, styles of acting, movement and speech patterns, diction, elementary make-up. Mrs. Bruce.

311. History of the Theater: A general survey of the various fields of theater study; a history of the theater, taking into consideration present day dramatic taste and principles for the evaluation of plays, both as read and as seen in the theater.

314. Play Acting and Direction: A practical laboratory course to prepare students to produce plays, operas, and pageants in schools and communities.

317. Contemporary Theater: A course designed to introduce the theater as a field of art through the medium of the contemporary theater and to supplement the work in Contemporary Drama.

Individual instruction in dramatic art may be obtained at the Arthur Jordan Conservatory.
X. GERMAN

PROFESSOR BAUMGÄRTNER
ASSISTANT PROFESSORS BAUMGÄRTNER AND BRUNSON

The object of the first two and one-half years' work in the Department of German 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.

101. Elementary Course: Beginning German for college students. Pronunciation is stressed with the study of grammar, vocabulary, reading, oral and written composition in German. Continuous course. I or II (5)

102. Elementary Course: A continuation of 101. Graded texts are read and studied in addition to the completion of the grammar. Continuous course. I or II (5)

153. Second Year: A reading course with a thorough review of grammar and oral and written composition based on some book such as Pope's Writing and Speaking German. Planned as a unit with course number 154, but may be taken separately. I or II (5)

153B. Scientific German: A rapid reading course in scientific German. Articles in different fields of science are read for the purpose of building a reading vocabulary. I (5)

154. Second Year: A continuation of 153. More advanced texts are studied. After the completion of the composition some time is spent in reading a collection of German poetry. II (5)

320. Methods of Teaching German in High School: 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. Prerequisite, three years of German in college, or its equivalent. II (2)

355. Modern Prose: A course in which more advanced works in prose are read and discussed such as Sheffel's Ekkehard. Summaries in German of chapters and works are assigned. I (3)

356. Classics: Dramas of Lessing, Schiller and Goethe are read and discussed. Most attention is given to the literature and its interpretation. 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.

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)

[422. Heine: A course dealing with Heine’s life and works. The Reisebilder and his poetry are especially stressed with some attention to his polemic writings. II (3)]

423. Lessing’s Laokoön: A study of the treatise on the limits of poetry and plastic arts. II (2)

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

XI. HEALTH

Dr. McCallum

Specific courses in Health are described under the departments of zoology and education. The courses are 116, 305, 308, 315, 317; and, in addition, E315, E254, and E451.

XII. HISTORY AND POLITICAL SCIENCE

†Professor Haworth
Associate Professor Peeling
Assistant Professors Beeler and Martin
Instructor Isom

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 427), and additional work in either economics or sociology.

The State requirements for a first grade license, first option, in history are: 10 hours of European history, 10 hours of American history, 4 hours of political science, 2 hours of methods of teaching history, 4 hours of economics, 4 hours of sociology, and 4 hours of geography. For second option the requirements are:

† Deceased, March 24, 1938.
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.

The courses offered on Near Eastern and Far Eastern history, by Professor Griffeth of the Department of Religion, will be accepted in partial fulfillment of the major requirements.

**Introductory Courses**

**HISTORY**

102. The Greek World: A history of the Hellenic World until the Roman conquest. I (3)

103. History of Rome: The growth of Rome from a small city to a world empire is traced. The course closes with the story of the disintegration of the empire. The growth of Christianity to 500 A.D. is observed. II (3)

104, 105. Contemporary Civilization: A general survey of European civilization, with emphasis upon its political, economic, and cultural elements. I, II (3)

115, 116. Modern European History: 1500-1938: A general survey of the western European History since 1500, with emphasis upon the Protestant Revolt, dynastic conflicts of seventeenth and eighteenth centuries, the French Revolution, rise of modern national states, the Industrial Revolution, and the spread of political democracy. I, II (3)

121, 122. American History: A lecture course during four days in the week, quiz sections on the fifth day. I, II (5)

**POLITICAL SCIENCE**

109. American Government: A study of the origin and development of American political institutions, with emphasis upon their present work. Repeated second semester. I, II (3)

142. General Political Science: A general survey of the basic problems of government. An introductory course for those who major in Political Science. I (3)

**Advanced Courses**

**HISTORY**

305, 306. English History: A general survey of all phases of life from the earliest times to the present day. I, II (3)
307. Methods of Teaching History and Civics in High School: Open only to students who have averaged "B" in the department. This course is identical with course 307 in the Department of Sociology. I (2)

308. The Expansion of Europe: A study of the spread of European ideas and institutions. I (2)

309. Renaissance, 1300-1600: The transition from the medieval to the modern world. II (2)

310. Medieval Civilization: A study of the life and institutions of the western European countries from 476 until 1300 A.D. II (3)

311. Europe in the Middle Ages: A survey of western European history from the decline of the Roman Empire until the beginning of the modern period. Open to all students. II (3)

312. French Revolutionary and Napoleonic Era: An intensive study of the period from 1789 until 1815. I (3)

313. Eighteenth Century France: A study of the social and intellectual life before the Revolution, with special attention to the philosophers. I (3)

315. English Constitutional History: The course gives the particular information of English history which a student needs to know when he advances into the study of law and political science. I (3)

317. International Relations: An intensive study of problems in nationalism and imperialism since 1870, and the efforts at peaceful settlement of international conflicts. I (3)

319. European History 1815-1878: A study of the general history of Europe from the Congress of Vienna to the Congress of Berlin. I (3)

320. European History 1871-1936: A study of the diplomatic history of Europe from the Peace of Frankfort until the Peace of Paris. II (3)

321. 20th Century European History: A study of European history in the last generation, with special attention to the World War, the peace settlement of 1919-1920 and reconstruction in the leading countries. I (3)

324. Social and Economic History of Indiana since 1800. II (3)

325. The Civil War: An intensified study of slavery, secession, and the resort to arms. II (3)

326. Recent American History: A study of the period since the Civil War, with emphasis upon contemporary problems and events. II (3)
[329. Economic History of Modern Europe: Study of the development of the leading European states economically and socially since 1500. I (3)]

331. American Constitutional History to 1789: A study of constitutional origins and developments in the American colonies and states down to 1789. II (3)

[332. American Colonial History: An advanced course in which emphasis is placed upon the rise of institutions. I (2)]

[333. Seventeenth Century England: An intensive study of the Puritan and Glorious Revolution. I (3)]

[334. Eighteenth Century England: A study of politics, government and economic institutions from 1689 to 1815. I (3)]

[335. Recent British History: An advanced course dealing largely with the economic development of England in the nineteenth century. I (2)]

[336. Economic History of England: An advanced course giving a general survey of economic institutions from the Saxon times to the present day. II (3)]

340. The Middle Period: A study of the half century preceding the Civil War. I (3)

342. The Middle Period: A study of the half century preceding the Civil War. I (3)

[345A, 345B. Social and Intellectual History of the United States. I, II (3)]

[346, 347. The West in United States History: A study of the march of civilization across the Alleghenies to the Pacific. I, II (3)]

427, 428. Seminar: Required of all students majoring in history. Should be taken in the senior year. I, II (2)

**POLITICAL SCIENCE**

301. Comparative Government: The main governments of western Europe are studied and compared with each other and with the government of the United States. II (3)

336. International Law: A study of the fundamental principles of international law and the institutions and problems of international society today. II (3)

337. Municipal Government and Administration: A study of city government and administration. I (3)

338. Public Administration: A study of the administrative branch of American government, with special emphasis upon its organization and personnel. II (3)
341. **American Politics:** A study of American parties, party problems, and political issues.  
I (3)

348. **Constitutional Law:** A study of the most important decisions of the Supreme Court of the United States, and a brief survey of American constitutional history.  
I (3)

350. **American Foreign Policy:** A historical survey of American diplomacy from the time of the Revolutionary War to the present.  
II (3)

**XIII. HOME ECONOMICS**

**Professor Wilhite**  
**Assistant Professors Journey and Cade**

The courses of instruction in the Department of Home Economics are planned to meet the needs of four groups of students: (a) those who wish to major in home economics for the purpose of teaching the subject; (b) those desiring to prepare for dietitians; (c) those who expect to enter the commercial field as demonstrators, stylists, or home service directors; (d) those who desire a knowledge of homemaking activities.

The degree of Bachelor of Arts may be obtained in Home Economics with a major of 40 hours arranged according to one of the following groups:

- **Group I, Home Making:** Foods Survey (5), Clothing Construction (6), Principles of Art (5), Home Management (2), Dietetics (5), Child Care (3), Home Relationships (2), Interior Decoration (5), Textiles (5), History of Costume (2)

- **Group II, Clothing Major:** This group is recommended for buyers, stylists, and designers. Clothing Construction (6), Principles of Art (5), Textiles (5), Costume Design (5), Advanced Clothing Construction (3), History of Costume (2), Interior Decoration (5), Child Care (3), Foods (5)

- **Group III, Food Major:** Recommended for tea room managers, cafeteria managers, and demonstrators in the commercial field. Foods (10), Dietetics (5), Institution Management (3), Quantity Cooking (3), Textiles (5), Interior Decoration (5), Principles of Art (5), Household Marketing (3)

The degree of Bachelor of Science may be obtained in Home Economics by meeting the requirements as outlined in the section devoted to requirements for degrees.

**Food and Nutrition**

200. **Foods Surveys:** A general survey of the elementary principles of food selection and preparation, with an introduction to the planning and serving of meals. No prerequisite. Laboratory fee, $6.00.  
I (5)
201, 202. Foods: A study of the composition, selection, and preparation of food; factors of cookery; analysis of recipes and standard products; meal planning and serving for various groups with the aesthetic phase and social opportunity in meals emphasized. Prerequisite, Chemistry 101, 102. Laboratory fee, $6.00 each semester. I, II (5)

305. Nutrition: A chemical and biological study of the food nutrients in relation to human nutrition. Laboratory practice in food analysis. Prerequisite, Chemistry 101, 102, Foods 201, 202. Chemistry 305 must precede or accompany this course. Laboratory fee, $6.00. I (5)


Household and Institution Economics

308. 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 200, or 201 and 202. II (3)

310. Quantity Cookery: A course dealing with the handling of food materials in quantities. Standardization, time and cost studies in relation to food production. Required course for students who expect to be dietitians. Prerequisite, Home Economics 201, 202, Economics 200. Laboratory fee, $4.00. II (3)

326. Household Management: A study of the economic problems of the home, the homemaker's contribution to the income, household expenditures, divisions of income. Primarily for juniors and seniors. II (3)

Family Relationships

325. Home Relationships: The study of the family as the most significant of all social institutions, its constant process of adjustment to the standards of modern life. I (2)

Child Study

321. Child Care: A study of the foremost thought of the day in educational methods and procedures applied to child health and character building; the fundamental relationship between prenatal care and postnatal growth and development. I (3)

322. Home Nursing: A study of simple nursing technique and procedure in the care of illness in the home. The course is given by lecture, demonstration, and visits to hospitals and clinics. II (2)
Clothing, Textiles, and Related Art

231, 232. Clothing Construction: A course designed 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)

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

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

327. Interior Decoration: A study of the characteristics of each of the historic periods beginning with the Classic and including Gothic, Italian, Renaissance, French, English American Colonial, Federal, and Twentieth Century furniture. I (3)

328. The House: A study of the application of the principles of design and color to house planning and house furnishing. A detailed study of carpets, china, pictures, and decorative textiles. II (3)

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, 233. II (5)

335. Textiles: A study of the properties of fibres, methods of production, processes of manufacture in relation to the quality of fabrics, care of clothing, and the clothing budget. Laboratory fee, $1.00. I or 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 today. No prerequisite. I (2)


Home Economics Education

341. Methods of Teaching Home Economics in High School: A study of the relation of educational psychology to the teaching of Home Economics; organization of the work in different types of schools; curriculum planning. Prerequisite, courses 201, 202, 231, 232. This course must be taken in the second semester of the junior year. It is prerequisite to 431, High School Student Teaching. II (2)
XIV. JOURNALISM

The following courses may be accepted from the College of Business Administration either toward a major in Journalism or as elective subjects toward a baccalaureate degree in the College of Liberal Arts and Sciences. All other courses in Journalism are considered professional. A maximum of 10 hours of professional courses may be counted toward a baccalaureate degree in the College of Liberal Arts and Sciences.

HOURS
*203, 204 Interpreting the News ........................................... 2 or 4
*301 History of Journalism .................................................. 2
302 Elements of Writing ...................................................... 2
*303, 304 News Writing ........................................................ 3 or 6
*306 Principles and Ethics of Journalism .................................. 2
307 Advertising Theory ......................................................... 3
329 Critical Writing ............................................................. 3
342 Writing the Special Article ............................................. 3
370 Law of the Press ............................................................. 2
411 Community Journalism ..................................................... 2
*425 Copy Desk Methods ........................................................ 4
*431 Editorial Writing ........................................................... 3
440 Press and Public Opinion ................................................ 3
*446 The Newspaper as an Institution ....................................... 3
452 Journalism Research ....................................................... 2

XV. MATHEMATICS

ASSISTANT PROFESSORS BEAL AND GETCHELL

The courses in mathematics are designed to satisfy those who desire to pursue its study as a part of a liberal education, to prepare students to teach in the high school, to meet the needs of pre-engineering students, and to provide a foundation for those planning to do graduate work.

Two years of high school mathematics are required of all students who wish to take mathematics in college. Courses 301 and 302 are required of those majoring in the department.

A major in mathematics may apply on the degree of Bachelor of Arts or on the degree of Bachelor of Science in Science and Mathematics.

Those expecting to teach should take at least 30 hours to receive the approval of the department, and 40 hours are recommended. State requirements for a license in mathematics include 3 hours of trigonometry, 3 hours of algebra, 6 hours of geometry, 6 hours of calculus, 3 hours of finance, 2 hours of methods of teaching mathematics, and 3 hours of electives.

* Required for a major.
Courses numbered above 340 carry graduate credit, provided the student applies for such credit at the time of registration.

101, 102. General Mathematics: A general course dealing with the fundamentals of college algebra, trigonometry, and analytic geometry, designed to give the student a thorough background in freshman mathematics. Prerequisite, one year plane geometry, one year high school algebra or general mathematics. Consult head of department before registering. I, II (5)

103. Trigonometry: A course developing the fundamental principles of plane and spherical trigonometry. Beginning course for major students. Prerequisite, one year plane geometry, one and one-half years algebra. Not open to those with credit in 101, 102. Consult head of department before registering. I (3)

105. College Algebra: A course including such topics as inequalities, mathematical induction, binomial theorem, progressions, permutations, combinations, and determinants. Prerequisite, one year plane geometry, one and one-half years algebra. Not open to those with credit in 101, 102. Consult head of department before registering. I (2)

106. Analytic Geometry: A study of the straight line, conic sections, and higher plane curves. Prerequisite, courses 103, 105. II (5)

301. Differential Calculus: A rigorous drill course in methods of differentiation. Considerable attention is given to applications to geometry and mechanics. Prerequisite, courses 102 with consent of instructor only, or 106. I (5)

302. Integral Calculus: A continuation of course 301. 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. This course will not count on a major in mathematics. Continuous course. I, II (2)

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. II (2)

316. Mathematics of Finance: 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)
318. Methods of Teaching Mathematics in High School: 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. II (2)

320. 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. II (3)

331. Vector Analysis: An introductory course in the technique and application of vector methods. Prerequisite, course 302. I (3)

351. Solid Analytic Geometry: A study of the co-ordinate geometry of curves and surfaces in three-dimensional space. Prerequisite, course 302. II (3)

353. Synthetic Projective Geometry: A study of projective properties and methods of pure geometry. The principle of duality, theorems on poles and polars, projective correspondence and their uses in the development of conic sections are studied. Prerequisite, course 302. I (3)

355. Theory of Equations: A course devoted to the general properties of equations, determinants, transformations, symmetric functions, and the complex variable. Prerequisite, course 302. I (5)

357, 358. 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. Continuous Course. Prerequisite, course 302. I, II (2)

359, 360. Advanced Calculus: An introductory course in mathematical analysis, dealing with functions of one or several variables, Taylor's expansion, definite, improper, and multiple integrals, and infinite series. Prerequisite, course 302. I, II (3)

XVI. PHILOSOPHY

PROFESSOR JORDAN

The main purpose of the work in philosophy 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 instructor.

301. Introductory Ethics: A course dealing with the elementary facts and principles of the moral life. Open to all students. I (5)

302. History and Theory of Ethics: A study of the nature, presuppositions, and history of the fundamental conceptions of morality. Prerequisite, sophomore standing. II (3)
303. Introductory Logic: An elementary study of the nature, principles, and methods of reasoning. II (5)

304. Advanced Logic: A study of selected works in the field of modern Logic. Prerequisite, course 303. II (3)

305. History of Philosophy: A study of the history of ancient and medieval philosophy. Prerequisite, sophomore standing. I (3)

306. History of Philosophy: A study of the history of modern philosophy. II (3)

307. Philosophy since Kant: The history of philosophy from Kant to the present time. Prerequisite, courses 305, 306. II (2)

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, upper division standing. II (2)

316. Aesthetics: A study of the experience of the beautiful and of the objective phenomena of beauty. Prerequisite, upper division standing. II (3)

501. Modern Systems: Modern idealism, realism, and the philosophical movements which have developed therefrom. I (2)

507, 508. Philosophical Classics: The reading and discussion of selected works, with emphasis on the formulation in language of philosophical thought. Prerequisite, courses 305, 306. I, II (2)

528. Kant: Reading of the author's works in English translation. Prerequisite, courses 305, 306. I (2)

530. Recent Philosophy: A course on some recent contribution to philosophy. Prerequisite, courses 305, 306, and senior standing. II (2)

XVII. PHYSICAL EDUCATION AND ATHLETICS

Mr. Hinkle, Director for Men
Miss Schulmeyer, Director for Women
Mr. Hedden, Mr. Holmes, Miss Couch
Dr. McCallum

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 by

1. Providing instruction in various athletic games
2. Conducting an extensive intramural program, affording competitive opportunities
3. Offering intercollegiate competition

Second, to train and equip teachers to give adequate instruction in physical activity, including the coaching of athletics. The courses offered are in excess of the requirements of the physical education standards of Indiana.
COURSES FOR MEN

Phys. Ed. 101, 102. Games Education: Instruction in rules and skills of a variety of physical activities of recreational value. Required of all freshmen.


Phys. Ed. 201, 202: Same as 101, 102. Required of all sophomores.

COURSES FOR WOMEN

I. Individual Group
101. Archery.
103. Equitation.
106. Golf.
107. Elementary Tennis.
108. Advanced Tennis.
111. Fencing.

II. Team Group
120. Baseball and Handball.
121. Basketball and Speedball.
123. Field Hockey and Volleyball.

III. Rhythmic Group
140. Folk Dancing.
141. Social Dancing.
143. Tap Dancing.

IV. Swimming Group
161. Beginning Swimming.
163. First Intermediate Swimming: Prerequisite, at least a grade of "C" in Beginning Swimming.
165. Second Intermediate Swimming: Prerequisite, at least a grade of "C" in First Intermediate Swimming.
166. Competitive Swimming: Prerequisite, at least a grade of "C" in Second Intermediate Swimming.
168. Life Saving.

V. Materials Group
181. Gymnastics: A course dealing with conditioning exercises, apparatus work, stunts and simple team games.
185. Outdoor Activities: A course including outdoor activities, such as hiking, bicycling, roller skating, rowing, and canoeing.

VI. Intramural Activities.
In addition to the major sports the following activities are offered on the intramural program: Ping-pong, Deck-tennis, Shuffle-board, Horseshoe Pitching, and Bowling. Credit is not granted for the activities in this group.
First semester freshmen should elect one of the following courses: Physical Education 101, 121, 123, 181. Upperclassmen may elect any of the courses listed. It is requested of students to elect one activity from four different groups to fulfill their four-hour Physical Education requirement.

**XVIII. PHYSICS**

Professor Elliott

Mr. Price

Courses in this department have been planned for those who expect to major in physics, for those who are fulfilling science requirements for baccalaureate degrees, for pre-engineering students, for those planning to teach, for pre-medical students, and for those who are interested in cultural pursuits. Pre-medical students can fulfill the eight-hour requirement by taking 101A and 102A and one hour each of 101B and 102B.

**101A. Mechanics, Heat, and Sound:** A lecture course dealing with the fundamental principles and their application. This course is designed for students who desire to major in physics, who are interested in other science fields or in mathematics. Prerequisite, high school algebra and geometry.

**101B. Mechanics, Heat, and Sound:** A laboratory course supplementing course 101A. Fee, $4.00 or $7.00.

**102A. Electricity, Magnetism, and Light:** A lecture course dealing with the fundamental principles and their application. This course is designed for students who desire to major in physics or who are interested in other science fields, or in mathematics.

**102B. Electricity, Magnetism, and Light:** A laboratory course supplementing course 102A. Fee, $4.00 or $7.00.

**109A, 110A. General Physics Survey Course:** A lecture course designed for those who are not interested in specializing in physics, but desire an understanding of the physical phenomena about them. Credit will be given for satisfying science requirements, but not for a major in physics. Three lectures per week.

**109B, 110B. General Physics Survey Laboratory:** Two laboratory periods, of two hours each, per week. The laboratory work consists of demonstration experiments and problem solving.

**301, 302. Theory of Mechanics:** Lectures. Prerequisite, courses 101, 102, and also trigonometry and calculus.

**303, 304. Theory of Light:** Two lectures and one two-hour laboratory period per week. Prerequisite, courses 101, 102, and trigonometry or enrollment therein.
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, and also trigonometry and calculus. Fee, $4.00.  

I, II (5)


I, II (1)

309, 310. *Modern Physics*: A course dealing with the recent advances in physics, e.g., photo-electric effect, quantum theory, fine line structure, X-rays, radio activity, relativity, etc. Prerequisite, courses 101, 102, and trigonometry.  

I, II (2)

311, 312. *Theory of Radio Reception and Transmission*: A careful study of fundamental principles involved. Two lectures and one two-hour laboratory period per week. Fee, $4.00.  

I, II (3)

401, 402. *Theory of Sound*: A course devoted to the mathematical and analytical study of the phenomena of mechanical vibrations with special emphasis on modern trends in acoustics. Two lectures per week.  

I, II (2)

410. *Physical Problems*: A course devoted to the solution of practical problems bearing on fundamental principles. This course is intended to supplement the usual general physics course.  

II (1-2)

NOTE: Light and Radio will be given alternate years. Mechanics and Sound will alternate with Electricity and Magnetism. Methods will be given in alternate years if there is sufficient demand.

XIX. **PSYCHOLOGY**

The description of courses in psychology may be found under the College of Education.

XX. **RELIGION**

**Assistant Professor Griffeth**

Departmental aims: The courses in the Department of Religion are designed to help the student (1) to gain some measure of ordered knowledge in this field of universal human interest; (2) to develop the attitudes, ideals, and habits which lead to an enrichment of personal and social life; (3) to acquire a knowledge of the agencies, institutions, and methods necessary to preserve the religious life in his own home and in the community in which he is to live and to develop disciplined ability for life and conduct as an efficient member of society; (4) to furnish a pre-professional collegiate background for further work in graduate schools of religion, theology, religious education, missions, and social service.

Requirements for major: A major in religion involves 30 semester hours of which 12 hours shall be in Biblical History and Literature. Those who intend to major in religion should
plan their work with the head of the department as soon as possible.

Special requirements: Students majoring in religion for the degree of Bachelor of Arts are required to take, in addition to the general requirements for the degree in the College of Liberal Arts and Sciences and the requirements for a major, a course in speech, and a year's work in a biological science, either in high school or in college.

103. **The Literature of the Old Testament**: An introductory study of the English Old Testament, leading to a knowledge and appreciation of its contents and literary forms. I (5)

104. **The Literature of the New Testament**: An introductory study of the English New Testament, leading to a knowledge and appreciation of its contents and literary forms. II (5)


233. **The Life of Christ**: A study of the Gospel record, with special attention to the teachings of Jesus. II (3)

251, 252. **Old Testament Religion**: A study of the religious ideas and institutions of the Hebrews as recorded in the Old Testament. I, II (2)


273, 274. **The Life of Paul**: A study of the life and writings of the apostle Paul. I, II (2)

[353. **The Old Testament Prophets**: A study of the prophetic writings in the historical settings of their times, showing their contributions to the stream of Hebrew thought and life and to Christianity. I (2)]

[384. **The Wisdom and Poetry of Israel**: A study of the wisdom and poetry of the Old Testament in their historical setting showing their contributions to the stream of Hebrew thought and life and to Christianity. II (2)]

[391. **Oriental History (Near East)**: A study of the history of the Near East, with special attention given to the rise and course of ancient civilizations. Designed to furnish the political, social, and cultural backgrounds of the Bible and religious history of the Near East. I (4)]

[392. **Oriental History (Far East)**: A study of the history of the Far East with special attention given to India, China, Japan, and contiguous territories. Designed to furnish the political, social, and cultural backgrounds for a study of religious development and Christian missionary expansion in the Far East. II (4)]
[403. Palestinian Archaeology: A study of archaeological enterprises, methods, and results in Palestine and Trans-Jordan. Special consideration will be given to the bearings of Palestinian archaeology on religious history and literature. I (2)]

[431. Oriental Religions: A study of the religions of China, Japan, Egypt, Babylonia, Assyria, Arabia. I (2)]

[442. Indo-European Religions: A study of the religions of India, Greece, Iran, Rome, Teutons, Celts, Slavs. II (2)]

The following courses in the College of Religion will be accepted to fulfill either major or elective requirements for the degree of Bachelor of Arts in the College of Liberal Arts and Sciences. All other courses in the College of Religion are considered professional. A maximum of 10 hours in professional courses may be counted toward a degree in the College of Liberal Arts and Sciences.

Church History

401, 402. The Reformation of the Nineteenth Century.
407. The Protestant Reformation.
408. Contemporary Christianity.

New Testament

401. The Church in Judea.
403. The Church in the Roman Empire.

XXI. ROMANCE LANGUAGES

Professor Ratti
Professor Weisenberg

Assistant Professors Aldrich, Clark, Kincaid, Morrison, Renfrew

Students majoring in French or Spanish are required to take Courses 311, 312 in their respective languages and must maintain a grade point average of at least 1.5.

Courses in French

Professor Ratti
Professor Weisenberg

Assistant Professors Aldrich, Clark, Kincaid, Renfrew

Elementary

101, 102. Beginner's Course: Grammar, composition, reading and pronunciation. Continuous course. I, II (5)

101. Beginner's French: Continuous course. II (5)

102. Beginner's French: Continuous course. I (5)
Second Year French

131, 132. Reading Course: Prerequisite, 101, 102, 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 conservation, or the methods course. However, they may continue in the literature courses of the upper division. I, II (3)

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

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

141, 142. Intermediate French Conversation: Prerequisite, one year of college French or the equivalent. It is recommended, although not required, that French 131 or 151 be taken in conjunction with this course. (Lower division credit only.) I, II (2)

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. I, II (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 seeks to give the students a comprehensive view of the structure of the French language as a whole. Prerequisite, 151, 152 and 131, 132. This work must have been done with a grade point average of at least 1.5. I, II (3)]

311, 312. Survey of French Literature: This course is required of those majoring in French, and of those wishing to be recommended for positions to teach the language. A French text is used as a basis for this course, but it is supplemented by lectures (in English), reading assignments, and quizzes. A good reading knowledge of French is required. Prerequisite, 131, 132 or 141, 142 or the equivalent. I, II (3)

322. French Civilization: Lectures, assigned readings, reports. Prerequisite, 131, 132 or the equivalent. II (2)

331, 332. Advanced French Composition and Conversation: 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. I, II (3)
341, 342. French Pronunciation and Diction: A course intended to develop fluency and accuracy of pronunciation in the speaking and oral reading of French. The first semester will be devoted largely to a phonetic basis for correcting faculty pronunciation. The second semester will be given over to actual practice in the reading of a wide variety of material. Effort will be made to correlate the oral interpretation with the literary merits of the passages to be read, as well as with their meaning. For prerequisite, consult the instructor. I, II (2)

351. Methods of Teaching French in High School: This course includes a review of French grammar and methods of presenting the essentials of it to elementary classes. For prerequisite, consult the instructor. I (2)

[361, 362. Seventeenth Century French Literature: Lectures in French. For advanced students only. Prerequisite, 20 hours of college French or the equivalent. I, II (2)]

371, 372. French Romanticism: Lectures in French, reading assignments, written reports, quizzes. For advanced students only. Prerequisite, 20 hours of college French or the equivalent. I, II (2)

[381, 382. French Novel: A course designed to trace the growth of the novel as a form of literature and its various transformations. Prerequisite, 20 hours of college French or the equivalent. I, II (2)]

391, 392. Literature of the French Renaissance: A study of the whole movement of the Renaissance as reflected in letters. Particular attention will be given to Marot, DuBellay, Ronsard, Rabelais, and Montaigne. Prerequisite, 20 hours of college French or the equivalent. I, II (2)

Courses in Spanish

PROFESSOR WESENBERG
ASSISTANT PROFESSORS CLARK AND MORRISON

Elementary

101, 102. Beginner's Course: Continuous course. I, II (5)

101. Beginner's Spanish: Continuous course. II (5)

102. Beginner's Spanish: Continuous course. I (5)

Second Year Spanish

131, 132. Reading Course: Prerequisite, 101, 102 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)
[131. Second Year Reading Course: (See 131, 132 above.) II (3)]

[132. Second Year Reading Course: (See 131, 132 above.) I (3)]

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)

[151. Second Year Grammar and Composition: (See 151, 152 above.) II (2)]

[152. Second Year Grammar and Composition: (See 151, 152 above.) I (2)]

311, 312. Survey of Spanish Literature: A survey of Spanish literature from its beginning to the present day. Required of students majoring in Spanish. Prerequisite, 131, 132. I, II (3)

321. Methods of Teaching Spanish in High School: Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312, or 331. Consult instructor before registering. I (2)

322. Spanish Civilization and Culture: 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 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 Commercial Spanish: Composition, conversation, commercial correspondence, and a study of Spanish daily life. Prerequisite, 20 hours of college Spanish or the equivalent. I, II (3)

[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 19th Century: Development of the Spanish novel from the "costumbristas" to the "generacion de 1898." Lectures and reports. Extensive reading. For advanced students only. Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312 or 331. I (3)

352. The Drama of the 19th Century: Development of the Spanish drama from Martinez de la Rosa to Benavente. Lectures and reports. For advanced students only. Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312 or 331. II (3)

XXII. SEMITICS

The description of courses in Semitics may be found in the section of the catalogue pertaining to the College of Religion.
XXIII. SOCIOLOGY AND ANTHROPOLOGY
ASSOCIATE PROFESSOR PEELING
MR. METOUR

The study of Sociology 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 a subject for investigation and speculation; and those who, with a practical interest, desire to enter the field of social service as a vocation. For a major, a minimum of thirty hours is required. Students desiring to major in sociology must have the following: economics, 8 hours; history, 5 hours; philosophy or psychology, 5 hours. The following courses are required of students who contemplate entering the training course for social work: Principles of Sociology, Social Problems, The Family, Criminology, History of Social Thought, Social Control.

200. Elementary Sociology: A course designed to acquaint the student with the elementary principles of Sociology, its scope and method.

301. Anthropology: (a) A study of the evolution of man. (b) A study of the social and mental life of primitive man and the genesis of culture-civilization.

303. Principles of Sociology: A study of group forms and organization, the processes of social life and social control.

307. Methods of Teaching Social Science in High School: A course designed to satisfy the State license requirement in special methods for the various social science options in high school. Identical with course 307 in the Department of History and Political Science and with course 307 in the College of Business Administration.

308. The Family: A study of the origin, the structure, and changing functions of the family, together with its recent tensions and problems. Prerequisite, junior standing.


313. Race Problems: A course dealing with the concept of race, the inequality of races, race consciousness, conflict and rapprochement. Population problems, colonization and immigration, composition of the American population, the non-European elements in our population. Prerequisite, course 301.

321. Social Geography: A study of the influence of geography on the development of civilization. Required of students who wish to qualify for high school license in social science, Option I.
324. Social Control: A study of the evolution of control in human societies, of the forms, devices, and agencies of control, and of the relation of control to individual and social disorganization. II (3)

330. Criminology: A study of crime as a social phenomenon and the causes and treatment of crime. Origin and evolution of legal punishment, the penal code and methods of punishment, history of the prison system, probation, and parole. Prerequisite, course 301. I or II (3)

[332. Latin American Civilization: A course dealing with the social patterns of Spain, colonial policy of Spain; Latin-American wars of independence, political philosophies, and problems of federalism; the Monroe Doctrine, Pan-Americanism, etc. Prerequisite, course 301. I or II (3)]

334. History of Social Thought: A study of those social patterns of the Near East, of Greece and Rome, and of the Middle Ages, which have affected American social patterns. Prerequisite, junior standing. II (2)

336. Rural Sociology: A study of rural life in America; rural population, farm relief, rural standards of living, leadership, and the town and country relationships. Prerequisite, junior standing. I (2)

337. Urban Sociology: A study of the origin of urban life; forces which have created the modern city, the genesis and development of modern city problems, problems of social control. Prerequisite, junior standing. II (3)

340. History of Sociology: A study of the historic development of sociology in the United States. Prerequisite, courses 301, 303, and senior standing. I (2)

342. Immigration and Americanization: A study of the different waves of immigration into the United States, of the factors promoting this immigration, and of the problems arising therefrom. II (3)

[344. American Political and Social Reformers: A study of American personalities conspicuous for their political and social ideas. II (2)]

345A, 345B. Social and Intellectual History of the United States: A study of social and intellectual movements and forces which have given shape to American institutions. This course is identical with course 345A, 345B in the Department of History. I, II (3)

346. Recent Social Trends: An analysis of recent social trends based upon the report of the President’s Commission on Social Trends. I (3)

XXIV. SPEECH

Courses in public speaking and debate may be found in the course material of the Department of English. Courses in dramatic art may be found in the course material of the Department of Fine Arts.
XXV. ZOOLOGY

PROFESSOR BRUNER
ASSOCIATE PROFESSOR PEARSON
ASSISTANT PROFESSOR NESTER
DR. MCCALLUM
ASSISTANTS

The Department of Zoology 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 30 hours required for a major in zoology must include courses 101, 102, 303, 304, 305, and 5 hours of electives. Combination majors may include courses 101, 102, and 10 hours of electives. Courses 315 and 317 will not be accepted to meet the requirements of the major or the combination major. Students whose major is zoology should take at least 10 hours of botany and 10 hours of chemistry.

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 or 102 if taken separately. Lectures, 3 hours. Laboratory, 4 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. This course may be offered as a prerequisite to physiology (course 308), comparative anatomy (course 305), and human anatomy (course 317). Fee, $4.00. Lectures, 1 hour. Laboratory, 4 hours weekly. I (3)

303. Histology of Vertebrates: Lectures, 2 hours. Laboratory, 6 hours per week. Fee, $6.00. II (5)

304. Embryology of Vertebrates: Prerequisite, courses 101, 102. Lectures, 2 hours. Laboratory, 6 hours weekly. Fee, $6.00. A breakage deposit of $10.00 must be made 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, $7.50. I (5)

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)

310. Microtechnique: Methods and practice in the preparation of slides that have a laboratory value. Lecture, 1 hour. Laboratory, 4 hours, time to be arranged. Fee, $6.00. I (3)
311. Methods of Teaching Zoology in High School: A course for students who are preparing to teach zoology in secondary schools. For those preparing to teach in Indiana, the prerequisite 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. I (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 (2-3)]

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)

E314. 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 and field work, 2 to 4 hours. 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. I (2-3)

317. Human Anatomy: A general study of human anatomy with special emphasis on the origin and insertion of muscles, bones, and joints; the circulatory and nervous systems. Problems relating anatomy and physiology to physical activity situations are discussed. Recommended for students majoring in physical education. Prerequisite, courses 101 and 102 or course 116. I, 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. II (2)

320. Zoological Literature: Open to students who are taking advanced courses. Credit by special agreement only. I, II (1)

Graduate Courses

(Hours and fees to be arranged.)


503. Research in Cytology.
Mr. Pearson.

504. Research in Taxonomy.
Mr. Pearson.

506. Research in General Physiology.
Mr. Nester.
THE COLLEGE OF RELIGION
The College of Religion

COURSES OF INSTRUCTION

The College of Religion offers courses of instruction leading to the graduate degrees of Bachelor of Divinity, Master of Arts, and Master of Theology, and courses leading to the undergraduate degree of Bachelor of Sacred Literature. Courses offered by the College of Religion applicable on the degree of Bachelor of Arts in Religion in the College of Liberal Arts will be found listed.

DEGREES

The graduate degrees of Bachelor of Divinity and Master of Theology are conferred by Butler University upon candidates who have fulfilled the requirements and have been recommended by the faculty of the College of Religion.

The graduate degree of Master of Arts with a major in religion is conferred by Butler University upon candidates who have fulfilled the requirements for it, upon recommendation by the Division of Graduate Instruction.

The undergraduate degree of Bachelor of Arts in Religion is conferred by the College of Liberal Arts upon candidates whose major is in the field of religion, as outlined in the catalogue under the Department of Religion.

The undergraduate degree of Bachelor of Sacred Literature is conferred by the College of Religion upon candidates who have completed the requirements for it.

REQUIREMENTS FOR ADMISSION

Students are admitted to the College of Religion upon the following conditions:

1. The requirements of the Committee on Credentials in regard to moral character and general fitness for religious work must be satisfied.

2. For undergraduate instruction the requirements for admission to the College of Religion are the same as those for admission into the College of Liberal Arts.

3. Graduate students whose undergraduate work has been taken in a college or university other than Butler must conform to the general University requirements governing admission with advanced standing. Petition for evaluation of courses presented for advanced standing shall be addressed to the Committee on credentials.

4. Applicants for admission to the College of Religion who are twenty-one years of age, or over, and have received approval of the Administrative Committee of the College of Religion, may be received as special students.

5. All new students must present themselves before the committee on credentials for conference and advice prior to Registration. This should be done during the opening week of the University year, before
the date set for registration of upper classmen. Those planning to enter
the second semester should arrange this conference during the week
prior to registration.
6. Admission to the College of Religion should not be confused
with applicancy for any of the degrees.

REQUIREMENTS FOR DEGREES

The Degree of Bachelor of Divinity

Any Registrant in the College of Religion may, under the direction
of the Degrees Committee, petition the Faculty for admission to candi-
dacy for the degree of Bachelor of Divinity, by the following process:

1. Presentation of an approved baccalaureate degree or the equiva-

lent.

2. Completion of at least 30 resident hours in the College of Re-

ligion.

3. Submission to the middle Examination, after the comple-
tion of 60 hours acceptable toward this degree. This examination shall
consist of: (a) demonstration of satisfactory progress in academic
work; (b) evidence of the possession of essential qualifications for the
ministry; (c) presentation of the subject of a dissertation approved by
a department head; and (d) a program of work approved by the De-

grees Committee.

4. Preparation of a dissertation under the directions stated in the
"Regulations" following. It is recommended that this work be deferred
until the middle Examination has been passed.

5. Completion of 90 acceptable hours of graduate study.

6. Not later than the first Tuesday in May of the year in which he
expects to become a candidate, the student must submit an acceptable
dissertation and petition the Dean for the Degree Examination. This
examination will consist of: (a) a critical examination of the disserta-
tion; (b) a comprehensive examination of fields of learning indicated
in the following paragraph.

7. The above preparation being successfully completed, the student
may petition the Faculty to be admitted to candidacy for the degree of
Bachelor of Divinity In Classical Honors, or In Course, under the follow-
ing conditions of the nature and distribution of the 90 hours:

**In Classical Honors:** A grade of B or above is required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Old Testament</td>
<td>12</td>
</tr>
<tr>
<td>New Testament</td>
<td>12</td>
</tr>
<tr>
<td>Church History</td>
<td>12</td>
</tr>
<tr>
<td>Christian Doctrine</td>
<td>12</td>
</tr>
<tr>
<td>Christian Ministries</td>
<td>18</td>
</tr>
<tr>
<td>Language</td>
<td>12</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>90</strong></td>
</tr>
</tbody>
</table>
In Course: When 12 hours of New Testament Greek or Hebrew language courses are taken, the same distribution of hours applies as In Classical Honors except that all work of passing grade is counted toward the fulfillment of the requirements for the degree.

When 12 hours of New Testament Greek or Hebrew language courses are not taken, the student must complete 96 hours of work applicable toward the Degree of Bachelor of Divinity which shall be distributed as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old Testament</td>
<td>16</td>
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<tr>
<td>New Testament</td>
<td>16</td>
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<tr>
<td>Church History</td>
<td>12</td>
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<tr>
<td>Christian Doctrine</td>
<td>12</td>
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<tr>
<td>Christian Ministries</td>
<td>18</td>
</tr>
<tr>
<td>Electives</td>
<td>22</td>
</tr>
</tbody>
</table>

8. Special Honors: Students doing at least the last two full years of their work for the degree of Bachelor of Divinity in the College of Religion, and maintaining throughout the period of their residence an average of 2.5 grade points, may receive the degree *cum laude*. Students meeting the same residence requirement and maintaining in their work an average of 3 grade points, may receive the degree *magna cum laude*.

THE DEGREE OF MASTER OF THEOLOGY

Registrants in the College of Religion who present a baccalaureate degree with a major or its equivalent, acceptable to the Committee on Credentials, in biblical studies embracing the fields of Old Testament, New Testament, and Church History, may become applicants for the degree of Master of Theology, upon the approval of the committee and accepting the course of study approved by the Committee on Degrees. Applicants who desire to become candidates for the degree shall observe the following procedure:

1. Successful completion of 60 hours approved in the course of study.

2. Submission of a minimum of 12 hours of either Hebrew or graduate Greek. If both languages are submitted, 12 hours of each is required.

3. Selection, upon completion of 30 hours, with the approval of the committee on degrees, of a major professor, who shall direct the preparation of his dissertation.

4. Not later than the first Tuesday in May of the year in which he expects to become a candidate, the student must submit his dissertation and petition the Dean for his Degree Examination.

5. Upon the approval of his dissertation, he will sit for the Degree Examination before the Faculty, at the time and place appointed by the Dean.

The course of study set by the Committee on Degrees at the Entrance Conference will conform to the following arrangement:
In the field of Old Testament .................................................. 8 hours
In the field of New Testament .................................................. 8 hours
In the field of Christian Doctrine ............................................. 8 hours
In the field of Church History ................................................... 8 hours
In the field of Greek or Hebrew ................................................ 12 hours
Elective .................................................................................... 16 hours

Regulations Concerning the Degree Dissertations

Dissertations must conform to the regulations of the University manual, copies of which may be obtained at the University Book Store. Two copies of the dissertation, together with receipt for the binding fee from the Bursar, must be deposited with the Dean of the College within ten days after Degree Examination. No dissertation will be received by the Dean until it has the approval of the professor under whose supervision it was prepared. The subject of the dissertation, with a proposed procedure of investigation, and bibliography, must be submitted to the major professor and registered with the committee on degrees not later than the 15th of December of the academic year in which the applicant proposes to become a candidate for the degree. All dissertations must be submitted to the Dean of the College not later than the first Tuesday in May of the year in which the applicant expects to become a candidate.

An acceptable dissertation must reveal, on the part of the applicant, (1) a specialized acquaintance with the field in which it is written; (2) with a well developed ability to assemble data, and to reach logical conclusions which can stand the test of a critical examination by the Faculty. Attention of the applicant is drawn to the statements in this catalogue under the head of "degree examinations."

THE DEGREE OF MASTER OF ARTS

The University confers the degree of Master of Arts with a major in religion upon applicants who hold the degree of Bachelor of Arts and who meet the requirements for this degree as stated in the section of this Bulletin devoted to the Division of Graduate Instruction.

THE DEGREE OF BACHELOR OF SACRED LITERATURE

Any student who has fulfilled the requirements for entrance into the College of Religion may be recommended for the degree of Bachelor of Sacred Literature upon completing 120 hours of work (with a minimum of 120 grade points), to which an additional 4 hours of physical education or their equivalent in academic work must be added.

The following courses of instruction constitute required work for the degree of Bachelor of Sacred Literature, except as substitutions may be effected in extraordinary cases by consent of the Degrees Committee. The normal order of study is indicated by the division into years as follows:
### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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<tbody>
<tr>
<td>OT—</td>
<td>Old Testament History or Literature</td>
<td>5</td>
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<tr>
<td>NT—</td>
<td>New Testament History or Literature</td>
<td>5</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Greek</td>
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### SOPHOMORE YEAR

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<th>Course</th>
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<tbody>
<tr>
<td>NT—</td>
<td>New Testament Times</td>
<td>3</td>
</tr>
<tr>
<td>NT—</td>
<td>Life of Christ</td>
<td>3</td>
</tr>
<tr>
<td>CH—</td>
<td>History of the Restoration Movement</td>
<td>8</td>
</tr>
<tr>
<td>OT—</td>
<td>Old Testament Religion</td>
<td>4</td>
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<td></td>
<td>Laboratory Science, Mathematics or Greek</td>
<td>10</td>
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### JUNIOR YEAR

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<th>Course</th>
<th>Description</th>
<th>Hours</th>
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<tr>
<td>NT—</td>
<td>New Testament Religion</td>
<td>4</td>
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<tr>
<td>NT—</td>
<td>New Testament Exegesis</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Or Life of Paul</td>
<td>4</td>
</tr>
<tr>
<td>OT—</td>
<td>History of Hebrews</td>
<td>6</td>
</tr>
<tr>
<td>CM—</td>
<td>Christian Ministries</td>
<td>6</td>
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<tr>
<td></td>
<td>Restricted electives (Social or Hebrew and</td>
<td></td>
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<td></td>
<td>Social Science)</td>
<td>10</td>
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</table>

### SENIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NT—</td>
<td>Critical Introduction</td>
<td>4</td>
</tr>
<tr>
<td>CD—</td>
<td>Christian Institutions</td>
<td>4</td>
</tr>
<tr>
<td>CD—</td>
<td>Christian Ethics</td>
<td>4</td>
</tr>
<tr>
<td>CH—</td>
<td>History of Christianity</td>
<td>8</td>
</tr>
<tr>
<td>CM—</td>
<td>Religious Education</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td>4</td>
</tr>
</tbody>
</table>

### THE DEGREE OF BACHELOR OF ARTS

A detailed statement of the requirements for the degree of Bachelor of Arts with a major in religion may be found in the section of the catalogue devoted to the College of Liberal Arts and Sciences.

### DEPARTMENTS AND COURSES OF INSTRUCTION

#### Departments of Instruction

I. Christian Doctrine  
II. Church History  
III. Christian Ministries  
IV. New Testament  
V. Semitic Languages and Literature

#### Courses of Instruction

Note: The Roman numerals immediately following the description of each course indicate semesters and the Arabic numerals hours of
credit. Courses within brackets will not be offered during the academic year 1938-1939. The days and hours of class meetings may be found in the "Schedule of Recitations."

Courses numbered 300 to 499 are for Upper Division students, and may be taken for graduate credit; courses numbered 500 and above are for Senior and Graduate students.

Only graduate students are admitted to seminar courses. Not more than 12 students are admitted to any seminar.

I. CHRISTIAN DOCTRINE

DEAN FRIDERIC D. KERSTNER
DR. VON GERDTELL

501. Christian Ethics: The ethical basis of the religion of Christ in its relations to individual and social welfare. The three basic Christian ideals. Practical applications of the theoretical principles involved. The field which Christian ethics occupies in the general area of moral endeavor. Lectures with discussions and suggested reading. I (4)

502. 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. Problems of eschatology in general. II (4)

[503. Principles of Christian Freedom: A study of the ultimate ethical ideal of Christianity. Utopias of the past contrasted with the Gospel and Pauline teaching concerning the Kingdom. Freedom as the ultimate goal of human endeavor. I (4)]

[504. Christian Institutions: A study of the institutional side of Christianity, including the essential characteristics involved in the nature and structure of the church. Underlying philosophy of the organization and the various types of its expression in modern history. II (4)]

529, 530. The History of Theology: The history of the rise, progress, and development of Christian thought from the New Testament period down to the present time. The first semester is devoted to the period prior to the Reformation and the second semester to the progress of thought since that event. I, II (4)

[539. Theism: Different theories of the divine nature with a careful analysis of each position and some reasons for accepting the theistic hypothesis. I (2)]

[540. The Implications of Theism: The necessary implications of the theistic interpretation of the universe. The problems of freedom, immortality, sin and evil as they relate themselves to the theistic position. II (2)]
547. Seminar in Modern Theology: The theological implications of the work of Boodin, Brightman, Wieman, and Whitehead, with an analysis of some of their most important works. Open only to graduate students whose applications have been approved by the director of the seminar.

548. Seminar in Theology: Theological humanism from the days of Erasmus to the present time. Special investigation of current theories in this field. Open only to graduate students whose applications have been approved by the director of the seminar.

549. The Doctrine of Grace: A study of modern soteriology with special reference to the survey conducted by the World Conference on Faith and Order. Graduate seminar, open only to graduate students whose applications have been approved by the director of the seminar.

550. Modern Eschatology: A study of the eschatological points of view of recent theologians. Neglect of eschatology by the humanists and emphasis upon it in the writings of Barth and his school. Graduate seminar, open only to graduate students whose applications have been approved by the director of the seminar.

561, 562. Studies in Dogmatics: Interpretation and criticism of the leading dogmas in Christian Theology. Special attention given to the doctrines of the Trinity, the Incarnation, the Atonement, and other questions of doctrine in the light of the latest research and investigation.

563, 564. Disputed Problems in Exegesis, Graduate Seminar: A study of difficult passages of Scripture with special reference to the light thrown by modern research upon the problems involved.

565, 566. Readings in German Theology: A study of the great German theologians in the original tongue, with careful exegesis of their thought. In the first semester attention will be given to the theologians of the Reformation, and in the second semester to the representatives of the Critical school, including especially Strauss and Baur.

II. CHRISTIAN MINISTRIES

Professor Holmes
Dr. Hoover
Dr. Shullenberger
Mr. Smith

Preaching

431. Preparation of Sermons: A course in elementary homiletics directing the preacher in the selection of subjects and texts; in building sermons by use of helps; in securing illustrations, planning sermons, and deciding their purpose.

Holmes.
432. Delivery of Sermons: A course in elementary homiletics showing how to attract attention, hold interest, arouse emotions, influence decisions. Holmes. II (2)


512. History of Preaching: From the Reformation to modern times in the world wide field. Hoover. II (2)

571. Evangelism: A thorough-going study of the message, method, passion, and fruitfulness of the New Testament evangelism in relation to the work of the evangelist today and in relation to different types of evangelism used in the modern church. Seminar course. Hoover. II (2)

Teaching

425. The Church and the Mind of Today: A study of the composite mind of today; its trends, its constituent elements, and its views about religion. The effect of the urban environment of the modern mind in things both basic and incidental. Methods of approach, and leadership in the modern church. Shullenberger. I (1)

503, 504. Psychology of Religion: A course treating the psychological processes engaged in the origin and development of religion in the race and in the individual. For qualified students only. Holmes. I, II (2)

505, 506. Seminar in Philosophy of Religion: An advanced course for the discussion of special problems in the philosophy of religion; assigned readings; reports; papers. Open only to qualified students. Holmes. I, II (2)

507. Psychology of Religious Faith: A study of the nature of religious faith and a comparison of it with rational faith; an analysis of its composition into its psychic factors; the development of faith in the individual's mind; the function and value of faith. Holmes. I (2)

508. Psychology of Occultism: A study of occultism: its meaning; forms; hypnotism; thought-transference; psychic research; satanism; spiritualism; the psychological aspects of occultism; criticisms and comparisons. Holmes. II (2)

509. Philosophy of Prayer: A study of prayer and natural law. The nature of prayer; varieties; composition; history and development;
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Semester(s)</th>
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<tbody>
<tr>
<td>I (2)</td>
<td>510. Philosophy of Mysticism</td>
<td>A study of mysticism, natural and supernatural. The nature of mysticism in</td>
<td>I (2)</td>
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<td>general; its varieties and composition; compared with scientific knowledge;</td>
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<td>the stages of mystical experience; its purpose; function, personal and social;</td>
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<td></td>
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<td>its value.</td>
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<tr>
<td>II (2)</td>
<td></td>
<td>Holmes.</td>
<td></td>
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<tr>
<td>I (2)</td>
<td>511. Seminar in Psychology of Religion.</td>
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<tr>
<td>I (2)</td>
<td>521. Development of Religion in Children</td>
<td>A study of the nature, content, origin, and development of religion in</td>
<td>I (2)</td>
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<tr>
<td>I (2)</td>
<td>522. The Psychology of Conversion</td>
<td>adolescent religion, with special reference to conversion and revivalism.</td>
<td>II (2)</td>
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<tr>
<td>I (2)</td>
<td>525, 526. Seminar in Religious Education</td>
<td>For advanced studies in the methods and means of Christian edification.</td>
<td>I, II (2)</td>
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<tr>
<td></td>
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<td>A major problem is selected for each semester, readings are assigned, reports</td>
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<td>written and discussed.</td>
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<td>I (2)</td>
<td>527, 528. Introduction to Philosophy of Religion</td>
<td>A study of the relation between Christian theology and philosophy from the</td>
<td>I, II (2)</td>
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<td></td>
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<td>ancient Greeks to modern times.</td>
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<tr>
<td>I (2)</td>
<td>529. Introduction to the Psychology of Religion</td>
<td>A course treating the basis of religion in human nature; its origin,</td>
<td>I (2)</td>
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<td></td>
<td></td>
<td>development, and value.</td>
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<td>II (2)</td>
<td>532, 533. The Philosophy of Religion of Thomas</td>
<td>A study of Thomas' reconciliation of Aristotelianism and Christian doctrine</td>
<td>I (2)</td>
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<td></td>
<td>Aquinas</td>
<td>of his age. Reading knowledge of Latin required. For qualified students only.</td>
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<tr>
<td>I (2)</td>
<td>535. Mind of Christ</td>
<td>A study of Christian psychology, analyzing the thinking, feeling and</td>
<td>I (2)</td>
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<td></td>
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<td>willing of Christ with the purpose of developing the same mind in others.</td>
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<td>For qualified students only.</td>
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<tr>
<td>I (2)</td>
<td>537. Religious Education</td>
<td>A course that studies the student, the learning process, teacher, and</td>
<td>I (2)</td>
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<td></td>
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<td>methods of teaching using the regular Sunday School lessons as material,</td>
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<td>preparing and teaching lessons in class.</td>
<td></td>
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<tr>
<td>I (2)</td>
<td>539. Science and Religion</td>
<td>A study of the nature of modern science and its relation to religion.</td>
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</tbody>
</table>
Pastoral Care

423. Religious Leadership in the City Church: A study of the effect of the urban environment on the modern mind, in things both basic and incidental. Methods of approach, organization, and leadership in the city church.
Shullenberger.

424. Personal Problems of the Modern Minister: A study of the budgeting of time to meet the demands made upon the minister; of the economical and adequate building of a library; of the decalog of successful relations to church and community conditions; of how to keep fit mentally, spiritually, and physically.
Shullenberger.

426. The Work of the Minister: A study of the New Testament concept of the minister; of his place in modern society and in connection with local secular activities; of managing various local church programs; of problems in relation to particular types of people; and of the ordinances and rites customarily performed.

317, 318. Church Music: A course primarily for those engaged in the study of religion. The historical development of music within the church, hymnology, a survey of anthem materials together with discussions of the practical problems of the organization and administration of music in the present day church.

441, 442. The Chapel Choir: Practical experience in an organization devoted to singing and speaking.

364. The Church in the City: A course relating the city church to city life as shown in Indianapolis and other cities. Surveys and studies in the field.
Shullenberger.

III. CHURCH HISTORY

Professor Walker
Dr. von Gerdtell


311. History of Christianity to the Protestant Reformation: A course dealing with the theology, religious life, important events and personalities of the early and medieval church to the eve of the Protestant Reformation.

312. History of Christianity from the Reformation to the Present: A course dealing with the various elements in the origin of Protestantism and the consequent types of Christian denominations.
[401. The Reformation of the Nineteenth Century: A study of its
doctrines; the Declaration and Address; the restoration of the ancient
order; the ancient gospel; the Christian system; the way of salvation;
the plea for unity the scriptural position. I (4)

[402. The Reformation of the Nineteenth Century: A study of its
later literature and history; biography of the leaders; review and analy-
sis of their teachings; diversity in unity as a principle of fellowship.
II (4)]

403. Disputed Problems of Church History: A seminar course
dealing with disputed and unsolved problems in Church History. Gradu-
ate seminar. I (2)

404. History of Sects and Revivals: A seminar course dealing with
some Christian sects, heresies, heretics, and revivals with a view to
understanding their causes, inherent strength, legitimacy, and appeal.
Graduate seminar. II (2)

[407. Protestant Reformation: A graduate course designed to
examine the various causes of the religious revolt of the sixteenth
century, together with the resulting types of Protestantism that emerg-
ved both on the continent and the British Isles. I (2)

[408. Contemporary Christianity: A graduate course dealing with
problems of the Christian church, together with a survey of the issues,
especially of Protestantism, in Europe and America. II (2)]

503. The Colonial Church in America: The history of the estab-
lishment of Christianity in America. Life in the American colonies.
The state of religion during the revolutionary period. The development
of modern Protestant denominationalism in America. Religious litera-
ture in America during the early part of the nineteenth century. I (4)

504. The Church of the Frontier: The American frontier; racial
background; types of religious influence. The Declaration and Address
of Thomas Campbell. The Last Will and Testament of the Springfield
Presbytery. Establishment of frontier churches. Universal elements
in the movement. II (4)

511, 512. Early Literature of the Disciples: A study of the early
literature of the movement. The origin and development of the Chris-
tian Baptist, the Millennial Harbinger; the American Christian Review,
The Gospel Messenger, and other similar publications. Importance of
journalism in the movement. Decline in influence of religious period-
icals. I, II (2)

521, 522. Seminar in Church History: Open only to students pre-
senting advanced courses in church history as prerequisites. I, II (2)

[561, 562. History of Modern Christianity: A study of the develop-
ment of the church in the modern era, with special reference to
thought movement on the Continent and in England. I, II (4)]
IV. NEW TESTAMENT

Professor B. L. Kershner
Assistant Professors Griffeth and Moore


[II (5)]


[II (5)]


[I (3)]


[II (3)]


[I, II (2)]

273, 274. The Life of Paul: A study of the life and writings of the apostle Paul.

[I, II (2)]

315. Introduction to the Synoptic Gospels: A critical study of the Synoptics, involving particularly an investigation of the Synoptic Problem, of the case for Aramaic originals, and of the claims of form Criticism. Moore.

[I (2)]

316. Introduction to the Johannine Writings: A study of the Johannine writings, especially dealing with the problems of date, authorship, and genuineness, and examining the results of the latest critical investigation. Moore.

[II (2)]


[I (4)]


[II (4)]
[405, 406. The Canon of the New Testament: Attention is given in this course to the place of Scripture in the early church. The historical origin and development of that body of New Testament literature which is called canonical, and the factors which determined why some writings are so designated and others are not. I, II (2)]


[564. Seminar in New Testament: A critical examination of the leading teachings of the Johannine gospel. II (2)]

[565, 566. Roman Imperialism and Christianity: The emergence of imperialism out of the corruptions of the republic. The civil wars, changes social, economic, and political which resulted. The emperor and the state; decline of the old religion; influx of cults from the east. Emperor worship. The historic conditions under which Christianity made its first advance into the empire. I, II (2)]

Greek Exegesis

The following courses are offered with Greek requirement for admission.


[536. Advanced New Testament Greek II: Reading of selected portions from the Epistles with careful application of the rules of grammar and interpretation. II (2)]

[541. Readings in Greek New Testament: Sight readings selected from the Gospels with a view to familiarizing the student with the rules of grammar and interpretation. I (2)]

[542. Readings in Greek New Testament: Similar to course 541 with selections chosen from the Epistles. II (2)]

[550. Greek Exegesis: The Thessalonian Epistles. A translation of the text and a study of Paul's eschatology. II (2)
English Exposition

The following expository courses are offered without Greek requirement for admission.

513. An Expository Study of the First Epistle to Corinthians: The historical background of the Epistle; and analysis of its contents; a careful reading of the book with corrections based on the Greek text. I (2)

514. An Expository Study of the Epistle to Galatians: A treatment of the Galatian Epistle in a manner similar to that of First Corinthians in course 513. II (2)]

515. An Expository Study of the Epistle to the Romans: A treatment of the Roman Epistle in a manner similar to that of First Corinthians in course 513. I (2)]

516. An Expository Study of the Epistle to the Hebrews: A treatment of the Epistle to Hebrews in a manner similar to that of First Corinthians in course 513. II (2)

517. An Expository Study of the Epistle of James. I (2)

518. An Expository Study of the Pastoral Epistles. II (2)

519. An Expository Study of the Epistle to the Colossians. I (2)

520. An Expository Study of the Second Epistle to Corinthians. II (2)

521. An Expository Study of the Epistle to the Philippians. I (2)

523. Expository Studies in the Gospel of Mark. I (2)]

524. Expository Studies in the Gospel of John. II (2)]

549. Expository Study of the First Epistle to Thessalonians. II (2)]

550. Expository Study of the Second Epistle to Thessalonians. II (2)]

V. SEMITIC LANGUAGES AND LITERATURE

Professor Nakarai
Rabbi Feuerlicht
Assistant Professors Griffith and Moore

103. The Literature of the Old Testament: An introductory study of the English Old Testament, leading to a knowledge and appreciation of its contents and literary forms. I (5)

131. Old Testament History: An introductory study of the Old Testament leading to an intelligent basic knowledge of its contents. I (5)
I, II (2)

I, II (3)

[401, 402. Elementary Hebrew: A concentrated inductive study of the Hebrew language leading to the acquisition of a working vocabulary, a knowledge of the grammatical principles, and the ability to use them in Semitic studies. Continuous course.  
I, II (3)]

403, 404. Hebrew: Elementary Hebrew, and additional reading in the Masoretic Text with special attention to syntax. Continuous course.  
I, II (4)

441. Introduction to the Talmud: A critical study of the principles of Jewish thought and life as revealed in the Talmud, leading to an intelligent appreciation of the Jewish faith.  
I (1)

452. Jewish Customs and Institutions: An historical examination of Jewish customs and institutions with attention to their theoretical and actual significance.  
II (1)

471. Septuagint: A general introduction to the Septuagint, examining particularly its language, its relation to the Masoretic Text, and its value for Old Testament criticism.  
I (3)

472. Septuagint: The Apocrypha. Selected Greek readings and supplementary lectures on the Apocryphal books.  
II (3)

503, 504. Hebrew Reading: Rapid reading of selected portions of the Hebrew Old Testament with special attention to the grammatical principles.  
I, II (3)

[505, 506. Aramaic: Studied from fully vocalized Aramaic portions of the Old Testament with use of related material in the inscriptions and papyri.  
I, II (3)]

[513, 514. North Semitic Inscriptions: Reading of Hebrew, Aramaic, Moabitish, Phoenician, and Nabataean inscriptions. Epigraphic studies will be made where possible.  
I, II (3)]

[531, 532. Advanced Old Testament History: An historical examination of the contents and growth of the Old Testament from the earliest times to the close of the canon.  
I, II (4)]

551, 552. Old Testament Prophecy: An examination of each book of the major and minor prophets leading to an intelligent understanding of individual messages, and of their historical background. I, II (2)

[555, 556. Religions of Ancient Egypt and Mesopotamia: A concentrated study of the religious phenomena in these parts of the world based chiefly upon archaeology. The value of this study in its bearing upon the Old Testament will be emphasized.  
I, II (1)]
571, 572. Critical Introduction to the Old Testament: A critical study of the main problems of the individual Old Testament texts with a discussion of methods by which these problems may be solved.
I, II (2)

I, II (2)

[591, 592. Seminar: A research course. A study of some one of the Semitic languages as requested by properly qualified applicants.
I, II (2)]

595, 596. Seminar: A research course. A study of some one of the Old Testament problems as requested by properly qualified applicants.
I, II (2)

NOTE: According to the demand of the students, a course in one of the Semitic languages, listed above, may be substituted for one of the courses scheduled for 1938-1939. Students may be given credits for either 401, 402, or 403, 404; but in no case may credits be given for both 401, 402, and 403, 404.

GIFTS TO THE LIBRARY OF THE COLLEGE OF RELIGION

(1). Special Donors: The College of Religion desires to build up its own Departmental Libraries for purposes of reference and research, and has received many gifts of books for this purpose. During the past few years valuable collections of books have been received from Mr. J. Newton Jessup, of Lafayette, Indiana; Mr. W. J. Wright, of Indianapolis; Mr. B. L. Allen, of Indianapolis; Mr. A. P. Wilson, of Fort Wayne; Dr. F. W. Burnham, of Richmond, Va.; Professor J. D. Perry, of Indianapolis; Mrs. L. E. Brown, formerly of Rushville, Indiana; Rev. H. L. Proppe, of California, and Rev. L. E. Sellers, who gave, among other books, a complete set of bound volumes of the Millennial Harbinger. The Brown collection comprises nearly 600 volumes.

Through the munificence of Mrs. Anne Butler Thomas a very valuable collection of religious works from the library of her late husband, Dr. David Owen Thomas, physician and surgeon, of Minneapolis, Minn., was presented to the College of Religion in June, 1926. This library is especially rich in works dealing with the Lord's Supper, Textual Criticism, and Church History. Some of the books collected by Dr. Thomas are not available elsewhere in America. The library is open for use of students under proper restrictions.

In October, 1927, Professor T. W. Grafton gave a valuable collection of books to the library, including many prominent reference works and volumes of special interest to students of church history. Recently valuable books have been added to the library through the generosity of Mr. F. E. Smith, Mr. W. R. Warren, Mrs. R. E. Calathan, Mrs. Wallace, Alva Lindsay, Misses Martha and Harriet Kincaid, Mrs. B. F.
Dailey, Mr. D. H. Patterson, Mr. B. L. Allen, Professor J. D. Perry, Rev. C. H. Winders, and Professor Henry S. Schell. During the year 1937 the library of the late Rev. J. H. O. Smith was presented to Butler College of Religion.

(2). The Mack Butler Memorial Reading Room: Mrs. Anne Butler Thomas has directed that a valuable collection of works of art belonging to her shall be set aside in connection with the David Owen Thomas Memorial Library, previously mentioned, to furnish the Mack Butler Memorial Reading Room in the new College of Religion Building at Fairview. Mrs. Thomas' statement in connection with her purpose is as follows:

That there may be left on the earth some slight memorial to the memory of my idolized brother Mack, who died an almost perfect youth, at the age of seventeen, I have lovingly brought together a few pictures and marbles, with which to help furnish a room in Butler College to his memory. Should such a room be designated by the College authorities, it is my will that the following paintings, marbles, and objects of virtue be placed therein, and preserved as a study room for the students, under the name of the Mack Butler Memorial Reading Room:

Antinous (copy of Capitoline Antinous) and pedestal (copy of pillar in the Forum); St. Cecelia (copy of Raphael's St. Cecelia) and Venetian frame; Holy Family (painting on porcelain) and Venetian frame; Boy of Naples (painting by Diodati) and antique frame; old tapestry (from the Del Conte Palace); Venice by Day (painting by Italian artist) and antique frame; Venice by Night (water color by Italian artist) and frame; five modern water colors by Italian artists; inlaid work (antique mosaic); two small porcelain miniatures; Capodimonte vase (Italian ware from Greek designs); Venetian glass (rose bowl and water bottle with glass); old Italian book; antique cathedral glass.

THE AMERICAN SCHOOLS OF ORIENTAL RESEARCH

The Graduate College of Religion is one of the supporting institutions of the American Schools of Research in Jerusalem and Bagdad. These schools, supported by about fifty leading universities and colleges, in the States, have been founded to serve serious and qualified students who wish to study in Palestine and Mesopotamia. The school in Jerusalem conducts regular sessions throughout the year for the students interested in the Old and New Testaments, prehistory, church history, archeology, geography, epigraphy, paleography, linguistics, Islamism, etc. The students of the College of Religion are exempt from payment of tuition fees at this school.

The following fellowships are offered by the American Schools of Oriental Research and are available to Butler University students and graduates:
1. Baghdad School Fellowship, awarded from time to time by the Committee of the Baghdad School. Stipend, $1,700.

2. Thayer Fellowship, awarded annually by the Committee of the Jerusalem School. Stipend, $1,500.


In each case the committee concerned has "the liberty of making the award as a result of examination or in such other way as it may deem wise."

Further information may be secured from Dr. Nakarai.
THE COLLEGE OF EDUCATION
The purpose of the College of Education may be gathered from a clause in the original charter incorporating Butler University, which is as follows: "To educate and prepare suitable teachers for the common schools of the country." In accordance with this statement the faculty of the College of Education consider that their principal purpose is the preparation of teachers for the kindergarten, elementary and high schools and for the supervisory and administrative educational positions in the State of Indiana under the laws, rules and regulations of the State Department of Education relating thereto.

Courses of study detailed upon the following pages have been accepted by the State Department which has accredited Butler University through its College of Education for the following types of licenses; kindergarten, elementary school teacher, high school teacher, principal, supervisor, and superintendent. For detailed list of subjects see Section on Indiana Teachers Licenses.

It is to be noted that there is a growing tendency for all teachers in the State of Indiana to be qualified through courses of study culminating in the Bachelor's degree. Candidates for supervisory and administrative licenses are now required to hold the Master's degree. Courses leading to these degrees may be found in the following pages and constitute a definite objective of the faculty of the College of Education.

Departments

Kindergarten and Elementary Teacher Training: Associate Professor Colbert, chairman; Associate Professor Peeling; Assistant Professors Bettcher, Hyde, Lyons, Patterson, Potzger, and Townsend.

High School or Secondary Teacher Training: Associate Professor Mock, chairman; Associate Professors Peeling and Shultz; Assistant Professor Leonard.

Psychology: Professor Richardson, chairman; Associate Professors Carlile and Shultz.

Physical Education: Mr. Hinkle, Director for Men; Miss Schulmeyer, Director for Women; Mr. Hedden, Mr. Holmes, Miss Couch.

Graduate Studies: Associate Professor Mock, chairman; Professor Richardson; Associate Professors Carlile and Shultz.

For standing committees of the College of Education see officers and Faculty of the University, page 7, of this Bulletin.

REQUIREMENTS FOR ADMISSION

Graduates of commissioned high schools of the state of Indiana are admitted to freshman standing in the College of Education. For details see General University Requirements. Other candidates may be admitted upon satisfactory evidence of their ability to undertake the studies of the first year of college work.
REQUIREMENTS FOR GRADUATION

The Degree of Bachelor of Science in Education

General Requirements. The normal length of time required to complete the work for this degree is four years. The candidate must meet the entrance, residence, and registration requirements of the College of Education and satisfactorily complete a minimum of 124 hours of college courses with at least as many grade points as hours, four of which shall be in games education. Not more than forty hours may be taken in any one subject such as English, mathematics, or music.

A minimum of 30 hours in education is required for a major. Candidates must also have 20 hours of English and those not candidates for high school teachers licenses must have at least 20 hours in an additional teaching subject.

Students who offer for admission two units of laboratory science may be excused from science in college. Those offering one unit of laboratory science, must take 5 hours of college laboratory science. All other students will be required to take 10 hours of one college laboratory science.

Except for students who are preparing to teach shorthand and typing, credit in these subjects toward B. S. in Education is limited to 6 hours. No credit shall be allowed for courses in Elementary Stenography and Elementary Typewriting.

If music is offered a maximum of thirty percent of the forty hours of music credit may be applied music of Conservatory grade.

Every candidate for the degree is required to take the last 30 hours in residence at Butler University before receiving the degree.

Upper and Lower Divisions of Courses. In meeting degree requirements, no distinction is made between credit earned in evening courses and credit earned in day courses.

The courses of study in the College of Education are divided into two groups: the lower division and the upper division. The courses of the lower division are intended primarily for students who are either freshmen or sophomores and carry numbers less than 300. The courses of the upper division are intended for juniors and seniors and carry numbers beginning with 300 and extending through 499. At the time of graduation all candidates for Bachelor of Science (Education) degree should have at least 48 hours of credit of the upper division.

Students who are preparing for the Bachelor of Science in the field of elementary education are admitted to the upper division upon completion of the lower division consisting of two years of work listed below as kindergarten, primary, or intermediate-grammar units.

Students who are preparing for the Bachelor of Science in the field of secondary education may be admitted to the upper division when they have completed any one of the three units required for the two year certificate in Kindergarten—Primary, Primary or Intermediate—Grammar courses, or upon completion of two years of freshman or sophomore subjects meeting the approval of the Administrative Committee of the College of Education.
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 of the junior year 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 Graduation Honors 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 Graduation Honors not later than June 10th. Other details will be arranged by agreement with the major professor and the committee.

PREPARATION FOR KINDERGARTEN AND ELEMENTARY SCHOOL TEACHING

Two-Year Certificates—Lower Division

The College of Education offers four-year courses for the training of teachers for the elementary schools. These courses are divided into units of two years each. The unit comprising the first two years enables students to qualify for the two-year certificates and licenses; the four-year course leads to the Bachelor of Science in education. The two-year courses are so arranged that students may complete them and continue at once the courses of the Junior and Senior years, or they may leave college and later continue the Junior and Senior years without loss of credit.

Note: According to a ruling of the Indiana State Department of Public Instruction under date of April 2, 1937, students for elementary teacher training were enrolled on a two-year basis for the last time
during the fall semester of 1937. Consequently, only the sophomore courses for the two-year students are given for 1938-39 after which the two-year curricula will be discontinued.

**Kindergarten.** Students preparing to teach in the kindergarten will pursue the following courses:

**SECOND YEAR**
(1938-39 only)

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elem. Ed. 120: Methods of Teaching Arithmetic</td>
<td>2</td>
<td>Elem. Ed. 125: Methods of Teaching Language Activities</td>
<td>3</td>
</tr>
<tr>
<td>Elem. Ed. 213: Physiology and Hygiene</td>
<td>2</td>
<td>Psy. 367: Psychology of Childhood</td>
<td>3</td>
</tr>
<tr>
<td>Elem. Ed. 233: Supervised Teaching</td>
<td>5</td>
<td>Elem. Ed. 233; Supervised Teaching</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td>****</td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

In addition to the foregoing "prepared" courses, see also "unprepared" courses at the close of the two-year program for Intermediate Grammar Certificates.

**Primary.** Students preparing to teach in the primary grades will pursue the following courses:

**SECOND YEAR**
(1938-39 only)

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elem. Ed. 283: United States History II</td>
<td>3</td>
<td>Elem. Ed. 120: Methods of Teaching Arithmetic</td>
<td>2</td>
</tr>
<tr>
<td>Elem. Ed. 213: Physiology and Hygiene</td>
<td>2</td>
<td>Elem. Ed. 228: Plays and Games Methods</td>
<td>1</td>
</tr>
<tr>
<td>Elem. Ed. 125: Methods of Teaching Language Activities</td>
<td>3</td>
<td>Elem. Ed. 231: Supervised Teaching</td>
<td>5</td>
</tr>
<tr>
<td>Elem. Ed. 227: Methods of Teaching Social Science</td>
<td>3</td>
<td>Elem. Ed. 107: Children's Literature</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Psy. 141: Tests and Measurements</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>14</strong></td>
<td>****</td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

In addition to the foregoing "prepared" courses, see also "unprepared" courses at the close of the two-year program for Intermediate Grammar Certificates.
**Intermediate-Grammar.** Students preparing to teach in the Intermediate-Grammar grades will pursue the following courses:

### Second Year

*(1938-39 only)*

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elem. Ed. 213: Physiology and Hygiene</td>
<td>2</td>
<td>Elem. Ed. 110: Children's Literature</td>
<td>2</td>
</tr>
<tr>
<td>Elem. Ed. 229: Methods of Teaching Social Science.</td>
<td>3</td>
<td>Elem. Ed. 122: Methods of Teaching Arithmetic</td>
<td>2</td>
</tr>
<tr>
<td>Elem. Ed. 125: Methods of Teaching Language Activities</td>
<td>3</td>
<td>Psy. 141: Tests and Measurements</td>
<td>2</td>
</tr>
<tr>
<td>Elem. Ed. 222: Plays and Games Methods</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In addition to the "prepared" courses listed above for Kindergarten-Primary, Primary and Intermediate-Grammar certificates and licenses, each student must secure 6 hours of "unprepared" credit during the two years selected from the following:

<table>
<thead>
<tr>
<th>Electives:</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Games</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>2</td>
</tr>
<tr>
<td>Glee Club, Thespis Club, Library Science, Penmanship and Spelling, Rote Music</td>
<td>1 each</td>
</tr>
</tbody>
</table>

If a student is deficient in any "unprepared" work, it must be made satisfactory.

**Upper Division**

Students who have completed one of the two-year courses described above may enter the Upper Division and become candidates for the degree of Bachelor of Science in Elementary Education upon completion of the general requirements for the degree (see Requirements for Graduation) or of the following courses for the Junior and Senior years:
### Third Year

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>Psychology of Childhood</td>
<td>3</td>
</tr>
<tr>
<td>Music Appreciation</td>
<td>3</td>
<td>Art Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>English (American Literature)</td>
<td>3</td>
</tr>
<tr>
<td>English (Advanced Composition)</td>
<td>3</td>
<td>Health Education (Physical and Mental Hygiene)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

### Fourth Year

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>3</td>
<td>Records and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>English (Drama)</td>
<td>3</td>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Tests and Measurements</td>
<td>3</td>
<td>Observation and Practice in Elementary Schools</td>
<td>5</td>
</tr>
<tr>
<td>Psychology of Elementary School Subjects</td>
<td>3</td>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**NOTE:** All electives are subject to the approval of the Dean.

### BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

#### Preparation for Kindergarten and Elementary School Teaching

As previously stated, the college year 1938-39 will be the last at which any part of the two-year teacher training courses formerly given will still be in effect. Commencing with the registration in September, 1938, all students for teacher training whether they plan to enter at the elementary or at the high school level must engage in studies for four college years culminating in the Bachelor's degree. The curriculum for elementary teachers follows.

### FOUR-YEAR CURRICULUM FOR ELEMENTARY TEACHERS

**Bachelor of Science (Elem. Ed.)**

#### Freshman

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soc.: Survey of Early Civilisation</td>
<td>3</td>
<td>Soc.: Contemporary Civilisation</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 101: Composition</td>
<td>2</td>
<td>Eng. 102: Composition</td>
<td>2</td>
</tr>
<tr>
<td>Eng. 101A: Survey of Literature</td>
<td>3</td>
<td>Eng. 102A: Survey of Literature</td>
<td>3</td>
</tr>
<tr>
<td>Course</td>
<td>Hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educ. 183: General Science</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educ. Music 253</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educ. 109: Introduction to Teaching and Observation</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Sp. 101: Speech</td>
<td>2</td>
</tr>
<tr>
<td>Educ. Art 123: Industrial Art</td>
<td>3</td>
</tr>
<tr>
<td>Educ. Nat. Sci. 213: Physiology and Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Educ. Art 100: Drawing and Design</td>
<td>2</td>
</tr>
<tr>
<td>Educ. 260: Psychology of Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany: Plant Life</td>
<td>3</td>
</tr>
<tr>
<td>Educ. Music 354: Appreciation</td>
<td>2</td>
</tr>
<tr>
<td>Educ. 440: Survey of Methods</td>
<td>3</td>
</tr>
<tr>
<td>Psych. 141: Tests and Measurements</td>
<td>2</td>
</tr>
<tr>
<td>*Elective</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educ. 231: Student Teaching</td>
<td>10</td>
</tr>
<tr>
<td>Educ. 455: Practicum in Education</td>
<td>4</td>
</tr>
</tbody>
</table>
*Elective .................. 5  
Educ. 494: Diagnostic &  
Remedial Teaching ...... 3  
*Elective .................. 8  

15  

* In the third and fourth years there are 28 hours to be elective. For these the student should select Upper Division courses as follows:  
3 hours Economics  6 hours English Literature  
3 hours Government  3 hours United States History  
and may elect the remaining 13 hours from any Upper Division courses in any college.

BACHELOR OF SCIENCE IN SECONDARY EDUCATION

Preparation for High School Teaching

In addition to the general requirements (see General Requirements) for the degree of Bachelor of Science in Education the following regulations apply to this degree if the applicant is preparing to teach in the high school.

1. The candidate may have either education or physical education as his major. If education is chosen the minimum is 30 hours in education, which include the courses required by the state department. (These courses are marked with a star in the summary below.)

2. If physical education is the major, the minimum is 30 hours in physical education as prescribed by that department. Such candidates should have a minimum of 20 hours in education, which should include courses required by the state department. (These courses are marked with a star in the summary below.)

Summary of the Requirements for the Degree of Bachelor of Science in Secondary Education

1. Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Teaching in High School, Education 113</td>
<td>3</td>
</tr>
<tr>
<td>*Secondary Education, Education 301</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>9</td>
</tr>
<tr>
<td>*Psychology I, Education 261</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology II, Education 263</td>
<td>3</td>
</tr>
<tr>
<td>Psychology of Adolescence, Education 368</td>
<td>3</td>
</tr>
<tr>
<td>*Principles of Teaching, Education 323</td>
<td>3</td>
</tr>
<tr>
<td>*Supervised Teaching, Education 431</td>
<td>3</td>
</tr>
<tr>
<td>Educational Tests and Measurements, Education 445</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

2. English

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English, 101, 102</td>
<td>4</td>
</tr>
</tbody>
</table>

* Professional Subjects required by the state department.
### Four-year Curriculum for High School Teachers

#### First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
<th>Hours</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introduction to Teaching</td>
<td>5</td>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>with Observation</td>
<td></td>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>English</td>
<td>5</td>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Science, Foreign Language,</td>
<td></td>
<td>Science, Foreign Language, Bus. Adm. or Commerce</td>
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<td>Bus. Adm. or Commerce</td>
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#### Second Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Psychology II</td>
<td>3</td>
<td>Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>English</td>
<td>5</td>
<td>English</td>
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</tr>
<tr>
<td>Teaching Subjects</td>
<td>6</td>
<td>Public Speaking</td>
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<tr>
<td>Physical Education</td>
<td>1</td>
<td>Teaching Subjects</td>
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<td>Music</td>
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<td>Physical Education</td>
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#### Third Year

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<th>Hours</th>
<th>Hours</th>
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<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
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</tr>
<tr>
<td>Principles of Teaching</td>
<td>3</td>
<td>Educ. Tests &amp; Meas.</td>
<td>3</td>
</tr>
<tr>
<td>Special Methods</td>
<td>2</td>
<td>Special Methods</td>
<td>2</td>
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<tr>
<td>Social Science</td>
<td>3</td>
<td>Teaching Subjects</td>
<td>8</td>
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<tr>
<td>Teaching Subjects</td>
<td>7</td>
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#### Fourth Year

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<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervised Teaching</td>
<td>3</td>
<td>Psychology of Adolescence</td>
<td>3</td>
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<tr>
<td>(May be taken second semester)</td>
<td></td>
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<tr>
<td>Teaching Subject</td>
<td>9</td>
<td>Teaching Subject</td>
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<tr>
<td>Electives</td>
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<td><strong>Total</strong></td>
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</table>
Elective Courses

In connection with the four-year curriculum given above, candidates for Bachelor of Science (Secondary Education) may choose education electives from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Psychology, Education 262</td>
<td>2</td>
</tr>
<tr>
<td>Psychology, Education 264</td>
<td>2</td>
</tr>
<tr>
<td>School and Community Relationships, Education 310</td>
<td>3</td>
</tr>
<tr>
<td>Visual Education, Education 353 and 354</td>
<td>6</td>
</tr>
<tr>
<td>Psychology of High School Subjects, Education 361</td>
<td>3</td>
</tr>
<tr>
<td>The Junior High School, Education 401</td>
<td>3</td>
</tr>
<tr>
<td>Extra Curricular Activities 402</td>
<td>3</td>
</tr>
<tr>
<td>Social Aspects of Education, Education 414 and 415</td>
<td>6</td>
</tr>
<tr>
<td>New Type Tests, Education 444</td>
<td>3</td>
</tr>
<tr>
<td>Special Education for Exceptional Children,</td>
<td></td>
</tr>
<tr>
<td>Education 463, 464, and 360</td>
<td>9</td>
</tr>
<tr>
<td>Mental Tests and Measurements, Education 467</td>
<td>3</td>
</tr>
<tr>
<td>The Junior High School Curriculum, Education 404</td>
<td>3</td>
</tr>
</tbody>
</table>

License: Completion of the above curriculum makes the person eligible for the first grade regular high school license in the subject of subject-groups covered by the majors chosen. This license is valid for five years and is good for teaching the branches for which the license is issued in any high school (junior or senior) and in the seventh and eighth grades in the elementary schools.

Below are the professional and the subject-group requirements for high school teachers licenses in Indiana. All candidates must take the professional group. Each candidate should prepare to teach in at least two subject groups and it will be to his advantage if he will secure credit in electives toward a third major, since this affords greater opportunity for placement following graduation. If he elects only one subject group he must have at least forty-eight hours in that group. If he elects to prepare in two or more subject groups he must comply with the state requirements for each group chosen. In each of the subjects in each group the candidate must offer credits as indicated with a grade of not less than "B" to satisfy Indianapolis City Schools practice teaching requirements.

<table>
<thead>
<tr>
<th>Professional Subject</th>
<th>Hours</th>
<th>Commerce</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Educ. 261: Psychology I.....</td>
<td>3</td>
<td>Stenography, Typewriting,</td>
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<tr>
<td>Educ. 364: Psychology II...</td>
<td>3</td>
<td>Bookkeeping, and Office</td>
<td></td>
</tr>
<tr>
<td>Educ. 301: Secondary Educa-</td>
<td>3</td>
<td>Management</td>
<td>24</td>
</tr>
<tr>
<td>tion</td>
<td></td>
<td>Special Methods in Commer-</td>
<td></td>
</tr>
<tr>
<td>Educ. 323: Principles of High School Teaching</td>
<td>3</td>
<td>cial Subjects</td>
<td>2</td>
</tr>
<tr>
<td>Educ. 431: High School Stu-</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dent Teaching</td>
<td></td>
<td>Total</td>
<td>26</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td>Total</td>
<td></td>
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</tbody>
</table>
### Option II

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bookkeeping and Office Management</td>
<td>24</td>
</tr>
<tr>
<td>Special Methods in Commercial Subjects</td>
<td>2</td>
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</tbody>
</table>

**Total** | **26**

### English Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Oral and Written Composition</td>
<td>10</td>
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<tr>
<td>World Literature</td>
<td>15</td>
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<tr>
<td>Special Methods in English</td>
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</tbody>
</table>

**Total** | **27**

### French Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Courses in French</td>
<td>24</td>
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<tr>
<td>Special Methods in French</td>
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</tbody>
</table>

**Total** | **26**

### Home Economics Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Foods</td>
<td>6</td>
</tr>
<tr>
<td>Clothing</td>
<td>6</td>
</tr>
<tr>
<td>The house</td>
<td>3</td>
</tr>
<tr>
<td>Home and social relations</td>
<td>2</td>
</tr>
<tr>
<td>Home management</td>
<td>3</td>
</tr>
<tr>
<td>Home nursing</td>
<td>2</td>
</tr>
<tr>
<td>Child Development</td>
<td>2</td>
</tr>
<tr>
<td>In addition, the applicant should have courses in chemistry and physiology</td>
<td></td>
</tr>
<tr>
<td>Special Method Teaching Home Economics</td>
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</tbody>
</table>

**Total** | **26**

### Latin Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>*Courses in Latin</td>
<td>24</td>
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<tr>
<td>Special Methods Teaching Latin</td>
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**Total** | **26**

### Mathematics Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Geometry</td>
<td>6</td>
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<tr>
<td>Trigonometry</td>
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</table>

**Total** | **32**

### Calculus

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Method of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Special Method Teaching Mathematics</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total** | **26**

### Music Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory (including harmony, orchestration, sight singing, and ear training)</td>
<td>10</td>
</tr>
<tr>
<td>History and appreciation</td>
<td>2</td>
</tr>
<tr>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>Applied Music</td>
<td>6</td>
</tr>
<tr>
<td>Public School Music</td>
<td>4</td>
</tr>
<tr>
<td>Special Method of Teaching Music</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total** | **26**

### Physical Education Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gymnastic Exercises</td>
<td>3</td>
</tr>
<tr>
<td>Theory and Practice of Play</td>
<td>3</td>
</tr>
<tr>
<td>Coaching of Athletics</td>
<td>5</td>
</tr>
<tr>
<td>(Women may substitute Theory courses in Rhythm to extent of 3 hours.)</td>
<td></td>
</tr>
<tr>
<td>General Physiology, Anatomy, and Health Education</td>
<td>5</td>
</tr>
<tr>
<td>Physical Examination and Individual Gymnastics</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td>Special Method Teaching Physical Education</td>
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</table>

**Total** | **26**

### Science Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Biology</td>
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</tr>
<tr>
<td>(Or Botany and Zoology 7.5 each.)</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>15</td>
</tr>
<tr>
<td>Physics</td>
<td>15</td>
</tr>
<tr>
<td>(Select two of the above.)</td>
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</tr>
<tr>
<td>Physiology or Physical Geography</td>
<td>6</td>
</tr>
<tr>
<td>Special Methods Teaching Science</td>
<td>2</td>
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</tbody>
</table>

**Total** | **38**

---

* Two years of Latin in high school presupposed.
Option II
Biology ........................................ 20
(Or Botany and Zoology
10 each.)
Physiology .................................... 5
Special Method Teaching
Science ........................................ 2
Total ........................................... 27

Option III
Biology, Botany, Zoology,
Chemistry, Physics, Physiology or Physical Geography .......... 20
Special Methods Teaching
Science ........................................ 2
Total ........................................... 22

Option IV
Select two of the following:
Botany ........................................... 24
Zoology ........................................... 24
Biology .......................................... 24
Physics .......................................... 24
Chemistry ....................................... 24
Special Methods Teaching .................................. 4
Total ............................................. 52

Note: This Option is complete in itself. A second subject is not required.

Social Science

Option I
History, General and American .................................. 20

The special adviser on teachers' licenses of all grades is the Dean of
the College of Education. Consult him in connection with any matter
having to do with a teacher's license.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION
Curriculum for Teachers of Physical Education (Men)

First Year

First Semester HOURS Second Semester HOURS
Eng. 101: Freshman English ........ 2 Eng. 102: Freshman English ........ 2

Economics ......................................... 4
Geography ......................................... 4
Government ....................................... 4
Sociology ......................................... 4
Special Methods Teaching
Social Science .................................... 2

Total ............................................. 38

Option II
General History .................................. 12
United States History ................................ 12
Special Method Teaching
History ........................................... 2

Total ............................................. 26

Option III
Sociology ......................................... 8
Economics ......................................... 8
Government ....................................... 8
Special Methods Teaching
Social Science .................................... 2

Total ............................................. 26

Spanish
Courses in Spanish ................................ 24
Special Methods Teaching
Spanish ........................................... 2

Total ............................................. 26

Speech
Courses in Speech ................................ 24
Special Methods Teaching
Speech ............................................ 2

Total ............................................. 26
<table>
<thead>
<tr>
<th>Course</th>
<th>First Semester Hours</th>
<th>Second Semester Hours</th>
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<tbody>
<tr>
<td>Eng. 101A: Appreciation of Literature</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foreign Language or Elective</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Zool. 116: Animal Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Zool. 315: Hygiene</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 101: Games Education</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Eng. 102A: Appreciation of Literature</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Zool. 308: Physiology</td>
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<td></td>
</tr>
<tr>
<td>Foreign Language or Elective</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 102: Games Education</td>
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**SECOND YEAR**

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<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Eng. 101Sp: Public Speaking</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Psych. 261: Elementary Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Zool. 317: Human Anatomy</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 251: Theory and Practice of Play</td>
<td>3</td>
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</tr>
<tr>
<td>Rules (Basketball and Track)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 201: Games Education</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Psych. 263: Educational Psychology</td>
<td>3</td>
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<tr>
<td>English</td>
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<tr>
<td>Phys. Ed. 254: First Aid</td>
<td>2</td>
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<tr>
<td>Phys. Ed. 202: Games Education</td>
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<td>Electives</td>
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**THIRD YEAR**

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Ed. 301: Secondary Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 351: Theory and Practice of Basket and Field Athletics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 353: Theory and Practice of Track and Field Athletics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 355: Study of Major Sport Rules (Football and Baseball)</td>
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<td></td>
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<tr>
<td>Electives</td>
<td>5-6</td>
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</tr>
<tr>
<td>Ed. 322: Principles of Teaching</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. 353: Theory and Practice of Football</td>
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<td>Electives</td>
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**FOURTH YEAR**

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<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Ed.: Methods (2nd teaching subject)</td>
<td>2</td>
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<tr>
<td>Phys. Ed. 452: Organization and Administration of</td>
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</tr>
<tr>
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<td>FIRST SEMESTER</td>
<td>HOURS</td>
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<tr>
<td></td>
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<td>Physical Education</td>
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<td>Electives</td>
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THE DEGREE OF BACHELOR OF MUSIC

Butler University and Arthur Jordan Conservatory of Music cooperate 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.

A student transferring from another institution of approved standing must take the last thirty hours in residence in Butler University.

Students taking the course in music must meet all requirements for admission to Butler University. The program of courses for this degree follows:

For the General Music Teacher and Supervisor

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>HOURS</th>
<th>SECOND SEMESTER</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice, 1 lesson a week</td>
<td>2</td>
<td>Voice, 1 lesson a week</td>
<td>2</td>
</tr>
<tr>
<td>Piano, 1 lesson a week</td>
<td>2</td>
<td>Piano, 1 lesson a week</td>
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</tr>
<tr>
<td>Mus. 101: Sight Singing, Dictation I</td>
<td>1</td>
<td>Mus. 102: Sight Singing, Dictation II</td>
<td>1</td>
</tr>
<tr>
<td>Mus. 103: Harmony II</td>
<td>2</td>
<td>Mus. 104: Harmony II</td>
<td>2</td>
</tr>
<tr>
<td>Mus. 107: Music Appreciation I</td>
<td>2</td>
<td>Mus. 108: Music Appreciation II</td>
<td>2</td>
</tr>
<tr>
<td>Dra. 203: Fundamentals of Speech</td>
<td>2</td>
<td>Eng. 102: English Composition</td>
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<tr>
<td>Eng. 101: English Composition</td>
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<td>Eng. 101A: English Literature</td>
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<tr>
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### Second Year

<table>
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<tr>
<th>First Semester Hours</th>
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<tbody>
<tr>
<td>Voice, 1 lesson a week ... 2</td>
<td>Voice, 1 lesson a week ... 2</td>
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<tr>
<td>Piano, 1 lesson a week ... 2</td>
<td>Piano, 1 lesson a week ... 2</td>
</tr>
<tr>
<td>Mus. 111: Conducting ... 2</td>
<td>Mus. 102: Sight Singing, Dictation IV ... 1</td>
</tr>
<tr>
<td>Mus. 201: Sight Singing, Dictation III ... 1</td>
<td>Mus. 204: Harmony IV ... 2</td>
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<tr>
<td>Mus. 203: Harmony III ... 2</td>
<td>Mus. Ed. 252: Intermediate Grade Methods ... 2</td>
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<tr>
<td>—Primary Grade Methods ... 2</td>
<td>Mus. Ed. 265: Kindergarten-Primary Grade Teaching ... 2</td>
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<tr>
<td>Ed. 261: Psychology I ... 3</td>
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<tr>
<td>Chorus ... 1</td>
<td>Ed. 263: Psychology II ... 3</td>
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<tr>
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<td>Chorus ... 1</td>
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### Third Year

<table>
<thead>
<tr>
<th>First Semester Hours</th>
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<tbody>
<tr>
<td>Voice, 1 lesson a week ... 2</td>
<td>Voice, 1 lesson a week ... 2</td>
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<tr>
<td>Mus. 205: Keyboard Harmony I ... 2</td>
<td>Mus. 206: Keyboard Harmony II ... 2</td>
</tr>
<tr>
<td>Mus. 247: String Class ... 2</td>
<td>Mus. 248: Wind Instrument-Percussion Class ... 2</td>
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<tr>
<td>Mus. 305: Music History I ... 2</td>
<td>Mus. 306: Music History II ... 2</td>
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<tr>
<td>Mus. Ed. 355: High School Music Methods (Vocal) ... 2</td>
<td>Mus. Ed. 356: General High School Music Methods ... 2</td>
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<tr>
<td>Mus. 303: Counterpoint I ... 2</td>
<td>Mus. 304: Counterpoint II ... 2</td>
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<tr>
<td>Mus. Ed. 266: Intermediate Grade Practice Teaching ... 2</td>
<td>Ed. 301: Secondary Education ... 3</td>
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<tr>
<td>Chorus ... 1</td>
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### Fourth Year

<table>
<thead>
<tr>
<th>First Semester Hours</th>
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<tbody>
<tr>
<td>Voice, 1 lesson a week ... 2</td>
<td>Voice, 1 lesson a week ... 2</td>
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<tr>
<td>Mus. 307: Instrumentation ... 2</td>
<td>Mus. Ed. 354: Teaching of Appreciation ... 2</td>
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<tr>
<td>Mus. Ed. 465: High School Practice Teaching ... 3</td>
<td>Mus. Ed. 452: Music Supervision ... 2</td>
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<tr>
<td>Ed. 322: Principles of Teaching ... 3</td>
<td>General Music Electives ... 2</td>
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<td>General Music Electives ... 1</td>
<td>Academic Electives ... 8</td>
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<td>Academic Electives ... 3</td>
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# THE COLLEGE OF EDUCATION

## For the Instrumental Teacher and Supervisor

### First Year

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<th><strong>Second Semester</strong></th>
<th><strong>Hours</strong></th>
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<tbody>
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<td>Principal Instrument, I lesson a week</td>
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<td>Principal Instrument, I lesson a week</td>
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<tr>
<td>Orchestral Instrument, 1 lesson a week</td>
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<td>Orchestral Instrument, 1 lesson a week</td>
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<tr>
<td>Mus. 101: Sight Singing, Dictation I</td>
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<td>Mus. 102: Sight Singing, Dictation II</td>
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<tr>
<td>Mus. 103: Harmony II</td>
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<td>Mus. 104: Harmony II</td>
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<td>Mus. 107: Music Appreciation I</td>
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<tr>
<td>Dra. 203: Fundamentals of Speech</td>
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<td>Eng. 101: English Composition</td>
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<td>Eng. 101A: English Literature</td>
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<td>Principal Instrument, 1 lesson a week</td>
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<td>Voice, 1 lesson a week</td>
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<td>Voice, 1 lesson a week</td>
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<tr>
<td>Mus. 111: Conducting</td>
<td>2</td>
<td>Mus. 202: Sight Singing, Dictation IV</td>
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<tr>
<td>Mus. 201: Sight Singing, Dictation III</td>
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<td>Mus. 204: Harmony IV</td>
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<td>Mus. 203: Harmony III</td>
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<td>Mus. 248: Wind Instrument-Percussion Class</td>
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<td>Mus. 247: String Class</td>
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<td>Mus. Ed. 252: Intermediate Grade Methods</td>
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<tr>
<td>Ed. 261: Psychology I</td>
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<td>Educ. 364: Psychology II</td>
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<tr>
<td>Principal Instrument, 1 lesson a week</td>
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<td>Principal Instrument, 1 lesson a week</td>
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<tr>
<td>Orchestral Instrument, 1 lesson a week</td>
<td>2</td>
<td>Mus. 206: Keyboard Harmony II</td>
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<tr>
<td>Mus. 205: Keyboard Harmony I</td>
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<td>Mus. 306: Music History II</td>
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<tr>
<td>Mus. 305: Music History I</td>
<td>2</td>
<td>Mus. 304: Counterpoint II</td>
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<td>Mus. 303: Counterpoint I</td>
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<td>Mus. Ed. 356: General High School Music Methods</td>
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</table>
Mus. Ed. 266: Intermediate Grade Practice Teaching 2
Orchestra ................. 1

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Mus. Ed. 366A: Junior High School Practice Teaching ............ *2
Ed. 301: Secondary Education .................. 3
Orchestra .................. 1

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FOURTH YEAR

FIRST SEMESTER
Principal Instrument, 1 lesson a week .................. 2
Mus. 307: Instrumentation. 2
Ed. 322: Principles of Teaching ........................ 3
General Music Electives ... 1
Academic Electives ...... 3

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SECOND SEMESTER
Principal Instrument, 1 lesson a week .................. 2
Mus. 308: Orchestration .. 2
Mus. Ed. 452: Music Supervision .................. 2
General Music Electives .. 2
Academic Electives ...... 8

16

Students interested in music as a cultural subject or as a major towards the A.B. degree are referred to the Department of Fine Arts, the College of Liberal Arts and Sciences.

Students interested in Bachelor of Music degree in piano, organ, voice, orchestral instrument or composition should see the catalogue of the Arthur Jordan Conservatory of Music.

THE DEGREE OF MASTER OF SCIENCE IN EDUCATION
Admission to Candidacy and General Requirements: (Revised June 15, 1937.)

1. Students holding the baccalaureate degree from a reputable college will be admitted to graduate study provided the courses taken for such degree included twenty hours in Education and a total of twenty hours in English and social science. Undergraduate deficiencies may be removed by additional courses which will not apply for graduate credit.

2. Before entering upon the work, the student should make application for admission to graduate study. Blanks may be secured from the chairman of the Graduate Studies Committee.

3. Unless the undergraduate work was done at Butler the applicant must file a transcript of his college and high school work with the registrar.

4. The maximum time for completing the work is five years. The candidate should familiarize himself with the requirements of each option and, if possible, take the required courses before taking the

* If this course is taken in the local high school, there will be a fee of $30.00 instead of $20.00.
electives. Graduate credit will not be given for courses repeated unless special permission has been granted by the Graduate Studies Committee.

5. Formal application for the degree must be filed with the registrar at the beginning of the last semester in residence.

6. Any candidate markedly deficient in written or spoken English will be required to remove such deficiency.

7. Only grades A and B can be counted for graduate credit.

8. There are two general plans for securing the Master of Science (Education) degree: (a) with a thesis; (b) without a thesis. Students electing to take the degree with a thesis will be required to secure thirty hours of graduate credit two or three of which may be allowed for the thesis. Students electing to take the degree without the thesis will be required to secure thirty-eight hours of graduate credit in courses.

9. Graduate credit in Education may be secured through the following lines of work:

(1) Educational research and contemporary problems.
(2) Education administration.
(3) Educational supervision.
(4) History and philosophy of Education.
(5) Theory and methods in Education.
(6) Psychology, tests, measurements and statistics.

10. The following options are available under either plan (a) or (b):

Option I for Administrators and Supervisors: Students electing this option must meet the requirements of the State Department of Public Instruction for the specific administrative or supervisory license desired. Number 1 in the above list must always be included among the electives. The remaining hours may be taken in not more than two other fields.

Option II for Teachers: Students electing this option must secure fifteen hours in at least four of the lines of work listed above always including Number (1). As many as ten hours of the electives may be taken in not more than two fields outside of Education.

Option III for Students Interested in Special Fields: Students electing this option must take Number (1) in the above list and as many as fifteen hours in any other one field. The remaining hours may be taken as electives in Education or in not more than two other fields.

Special Instructions for Students Electing to Take the Degree With a Thesis

1. Under this plan the candidate must complete thirty hours of graduate work two or three of which may be for the thesis as stated in No. 5 below.

2. The thesis subject must be approved by the Graduate Studies Committee at least six months before the oral examination. Applications may be secured from the chairman of the committee.
3. As soon as the thesis subject has been approved, the Graduate Studies Committee will assign the candidate to some member of the faculty who will guide in the completion of the thesis.

4. The thesis should be in final form not later than April 1st of the year in which the candidate expects to take the degree. The three copies should be left with the chairman of the Graduate Studies Committee not later than May 15th. Any person whose thesis is handed in after this date will not receive the degree until the following year. The candidate is expected to pay for having two copies of the thesis bound, one for the Butler University Library and one for the College of Education. The third copy belongs to the candidate and may be bound if he so desires.

5. Two or three hours of credit will be allowed for the thesis and must be paid for at the regular rate for each hour of credit received. The candidate must sign up for this work in the registrar's office as soon as he has been assigned to his adviser.

6. The thesis must conform to all of the specifications and regulations set forth in the manual used in the course in Research and Thesis Writing.

7. Candidates must pay return postage when the thesis is left with the adviser for criticism.

8. As soon as the thesis is completed a date for the oral examination will be set, not later than June 1st.

Special Instructions for Students Electing to Take the Degree Without a Thesis

1. Under this plan the candidate must complete thirty-eight hours of course work and pass such a written examination as the Graduate Studies Committee may require.

2. At present this examination takes the form of a brief project on some limited educational problem chosen by the applicant. It is designed to test the student's ability to formulate a problem, gather the data, organize the materials, present the findings, and reach valid conclusions. It should be prepared in accordance with the principles and practices set forth in the course in Research and Thesis Writing. The problem should be brief, intensive rather than extensive. The nature and scope may be seen from the examples described below:

*The Relation of Success in College and High School Grades.* A nineteen page study of the grades made by students in Technical High School and the grades made by the same students in Butler University.

*The Development of Vocational Education in Tippecanoe County, Indiana*—twenty-four page discussion.

*A Study of the Average Daily Attendance in the Schools of Lawrence County, Indiana*—A thirteen page study.

*The Value of the Office of Education to Classroom Teachers.* A thirteen page study based upon a questionnaire given to teachers.

3. The examination projects must be approved by the Graduate Studies Committee. Application blanks may be secured from the chairman of the committee.
4. As soon as the project has been approved, the Graduate Studies Committee will assign the candidate to some member of the faculty for further guidance.

5. The examination projects must be completed and filed with the chairman of the Graduate Studies Committee not later than May 15 of the year in which the candidate expects to take the degree.

6. Copies of projects already completed may be inspected in the office of the College of Education.

7. The miniature thesis prepared in the course in Research and Thesis Writing can not be submitted to meet this examination requirement.

8. Consult the chairman of the Graduate Studies Committee A. Mock, for other information relative to any phase of your graduate work.

**Option I—With Superintendent’s License**

A superintendent’s license is valid for five years, renewable thereafter for life on presentation of evidence of professional spirit and five years of successful experience, two of which must have been in Indiana. It is good for administration and supervision in any school corporation. In order to qualify for this license the applicant must have:

I. Five years of successful experience as administrator, supervisor, principal or teacher, three of which must have been within the last preceding ten years, not including time spent in attending school.

II. Some kind of first grade teacher’s license or be qualified for same.

III. A Master’s degree from a standard university specializing in administration and supervision.

IV. Eighteen hours in not less than THREE of the six lines listed below.

---

### 1. Public School Administration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>543. Public School Administration (Required)</td>
<td>3</td>
</tr>
<tr>
<td>544. Elementary School Administration</td>
<td>3</td>
</tr>
<tr>
<td>469. Administration Special Education</td>
<td>3</td>
</tr>
<tr>
<td>452. Administration of Physical Ed.</td>
<td>3</td>
</tr>
<tr>
<td>402. Extra-Curricular Activities...</td>
<td>3</td>
</tr>
<tr>
<td>448-9. Technique of Counseling. 3 or 6</td>
<td></td>
</tr>
<tr>
<td>545. High School Administration.</td>
<td>3</td>
</tr>
<tr>
<td>550. Legal Principles</td>
<td>3</td>
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</tbody>
</table>

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### 2. Budgets and Accounting

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>547. Educational Finance</td>
<td>3</td>
</tr>
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### 3. Supervision

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>541. Elementary Supervision</td>
<td>3</td>
</tr>
<tr>
<td>542. High School Supervision</td>
<td>3</td>
</tr>
<tr>
<td>450. Curriculum Construction</td>
<td>3</td>
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</table>

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### 4. Tests and Measurements

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>445. Educ. Tests and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>467. Mental Tests and Measurements</td>
<td>3</td>
</tr>
</tbody>
</table>

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### 5. School Building and Grounds

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>546. Buildings and Grounds</td>
<td>3</td>
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### 6. Indiana School Law

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>549. Indiana School Law</td>
<td>1</td>
</tr>
</tbody>
</table>

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V. Twelve hours of electives (twenty if degree is taken without thesis) ten of which may be in not more than two fields outside of Education. Any courses from the foregoing groups in excess of the eighteen hours may be included. The remaining should be selected from the list of courses shown on page 29 always including the first two.
Option I—With High School Principal's License

A high school principal's license is valid for five years, renewable thereafter for life on presentation of evidence of professional spirit and five years of successful experience, two of which must have been in Indiana. It is good for administration and supervision in any high school (junior or senior) and in any elementary and high school (junior or senior) combined. In order to qualify for this license the applicant must have:

I. Three years of successful experience as principal or teacher, all of which must have been within the last preceding ten years, not including time spent in attending school.

II. First grade high school teacher's license or be qualified for same.

III. A Master's degree from a standard university, specializing in high school administration and supervision.

IV. Eighteen hours in not less than THREE of the six lines listed below.

1. High School Administration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>545. H. S. Administration (Required)</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Public School Administration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>543. Public School Administration</td>
<td>3</td>
</tr>
<tr>
<td>544. Elementary Administration</td>
<td>3</td>
</tr>
<tr>
<td>469. Administration Special Education</td>
<td>3</td>
</tr>
<tr>
<td>452. Administration Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>402. Extra-Curricular Activities</td>
<td>3</td>
</tr>
<tr>
<td>448-9. Technique of Counseling</td>
<td>3</td>
</tr>
<tr>
<td>546. Buildings and Grounds</td>
<td>3</td>
</tr>
<tr>
<td>547. Educational Finance</td>
<td>3</td>
</tr>
<tr>
<td>550. Legal Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

V. Twelve hours of electives (twenty if degree is taken without thesis) ten of which may be in not more than two fields outside of Education. Any courses from the foregoing groups in excess of the eighteen hours may be included. The remaining should be selected from the list of courses shown on page 29 always including the first two.

Option I—With Elementary Principal's License

An elementary principal's license is valid for five years, renewable thereafter for life on presentation of evidence of professional spirit and five years of successful experience, two of which must have been in Indiana. It is good for administration and supervision in any elementary school, and in any elementary and high school (junior or senior) combined. In order to qualify for this license the applicant must have:

I. Three years of successful experience as principal, supervisor, or teacher, all of which must have been in the last preceding ten years, not including time spent in attending school.

II. A first grade elementary teacher's license or be qualified for same.

III. A Master's degree from a standard university specializing in elementary school administration and supervision.
IV. Eighteen hours in not less than THREE of the six lines listed below.

1. Elementary School Administration
   Course                                      Hours
   544. Elementary School Administration (Required) 3
2. Public School Administration
   543. Public School Administration 3
   545. High School Administration 3
   469. Administration Special Education 3
   452. Administration Physical Education 3
   402. Extra-Curricular Activities 3
   448-9. Technique of Counseling 3
   546. Buildings and Grounds 3
   547. Educational Finance 3
   550. Legal Principles 3

V. Twelve hours of electives (twenty if degree is taken without thesis) ten of which may be in not more than two fields outside of Education. Any courses from the foregoing groups in excess of the eighteen hours may be included. The remaining should be selected from the list of courses shown on page 29 always including the first two.

Option II—Master of Science in Education

This option requires fifteen hours in at least four of the six groups listed below, always including the first group.

1. Research and Contemporary Problems
   Course                                      Hours
   641. Educational Research 3
   642. Contemporary Problems 3

2. Educational Administration
   543. Public School Administration 3
   544. Elementary School Administration 3
   545. High School Administration 3
   469. Administration Special Education 3
   452. Administration Physical Education 3
   402. Extra-Curricular Activity 3
   448-9. Technique of Counseling 3 or 6
   550. Legal Principles 3
   546. Buildings and Grounds 3
   549. Indiana School Law 3
   547. Educational Finance 3

3. Educational Supervision
   541. Elementary Supervision 3
   542. High School Supervision 3
   450. Curriculum Construction 3

4. History and Philosophy of Education
   411. History of Education 3
   412. History of Education in U. S. 3

3. Elementary School Supervision
   Course                                      Hours
   541. Elementary School Supervision 3

4. Tests and Measurements
   445. Educational Tests and Measurements 3
   467. Mental Tests and Measurements 3

5. Psychology of Childhood
   562. Psychology of Childhood 3

5. Theory and Methods in Education
   453-4. Visual Education 3 or 6
   449. Survey of Modern Methods 3
   464. Education Exceptional Children 3

6. Psychology, Tests and Measurements
   546. Industrial Psychology 3
   547. Psychology Elementary Child 3
   444. New-Type Examinations 3
   445. Educational Tests 3
   446. Statistical Methods 3
   461. Animal and Human Learning 3
   462. Mental Hygiene 3
   463. Abnormal Psychology 3
   467. Mental Tests 3
   478. Contemporary Schools of Psychology 3
   471-2. Clinical Psychology 3
   475. Child and Adult Abnormal
ELECTIVE COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Special Required Courses</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Hours</td>
</tr>
<tr>
<td>641. Research and Thesis Writing</td>
<td>3</td>
</tr>
<tr>
<td>642. Contemporary Problems</td>
<td>3</td>
</tr>
<tr>
<td>2. History and Philosophy of Education</td>
<td></td>
</tr>
<tr>
<td>411. History of Education</td>
<td>3</td>
</tr>
<tr>
<td>412. History of Education in the United States</td>
<td>3</td>
</tr>
<tr>
<td>413. Evolution of Educational Theories</td>
<td>3</td>
</tr>
<tr>
<td>414-5. Social Aspects of Education, 3 or 6</td>
<td></td>
</tr>
<tr>
<td>511. Philosophy of Education</td>
<td>3</td>
</tr>
<tr>
<td>512. Comparative Education</td>
<td>2</td>
</tr>
<tr>
<td>3. Psychology</td>
<td></td>
</tr>
<tr>
<td>366. Industrial Psychology</td>
<td>3</td>
</tr>
<tr>
<td>367. Psychology Elem. Child</td>
<td>3</td>
</tr>
<tr>
<td>461. Animal and Human Learning</td>
<td>3</td>
</tr>
<tr>
<td>462. Mental Hygiene</td>
<td>3</td>
</tr>
<tr>
<td>465. Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>467. Mental Tests and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>470. Contemporary Schools of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>471-2. Clinical Psychology</td>
<td>3</td>
</tr>
<tr>
<td>475. Child and Adult Abnormal Psychology and Mental Hygiene</td>
<td>3</td>
</tr>
<tr>
<td>561. Psychology of the Pre-School Child</td>
<td>3</td>
</tr>
<tr>
<td>562. Psychology of Childhood</td>
<td>3</td>
</tr>
<tr>
<td>563. Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>564. Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>565. Psychology of Elementary School Subjects</td>
<td>3</td>
</tr>
<tr>
<td>571. Diagnostic and Clinical Teaching</td>
<td>3</td>
</tr>
<tr>
<td>572. Clinical Methods</td>
<td>3</td>
</tr>
<tr>
<td>573. Clinical Practice</td>
<td>3</td>
</tr>
<tr>
<td>574. Psycho-Clinical Analysis and Adjustment</td>
<td>3</td>
</tr>
<tr>
<td>575. Diagnostic Practice in Clinical Psychology</td>
<td>3</td>
</tr>
<tr>
<td>576. Diagnostic Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Ten hours of electives may be taken in not more than two fields outside of Education. The remaining hours required for graduation may be in any of the courses listed above.

THE DEGREE OF MASTER OF ARTS

(With Major in Education)

For requirements for this degree, see Section C of Division of Graduate Instruction.
THE DEGREE OF MASTER OF MUSIC

For requirements for this degree, inquire of the Registrar of the Arthur Jordan Conservatory of Music.

INDIANA TEACHERS LICENSES

For detailed requirements for licenses, consult the Director of Studies in the College of Education.

Butler University is accredited by the Indiana State Board of Education to prepare and recommend students for licenses to teach under the teacher training and certification law of 1923.

Students who have completed the work of any of the foregoing teacher training courses and have earned as many grade points as there are credit hours required in the curriculum which the student has completed shall be eligible for the certificate of graduation and may be recommended to the State Board of Education for the appropriate license to teach in accordance with the curriculum each has followed. Butler University's accreditation with the Indiana State Board of Education is as follows:

1. Two-year and four-year courses for Elementary School Licenses as follows: (1) Kindergarten-Primary, (2) Primary, and (3) Intermediate-Grammar.

2. Four-year courses for regular high school licenses in English, Mathematics, Latin, French, Spanish, German, Social Science (all options), Science (all options), Home Economics, Commerce (Options 1 and 2), Music (in affiliation with Arthur Jordan Conservatory of Music), Physical Education, Speech.

3. Four-year courses for special high school licenses in English, Mathematics, Latin, French, Spanish, German, Social Studies (all options), Science (all options), Home Economics and Library Science (the regular high school license, Option I and II.)


5. Courses leading to all grades of licenses for Attendance Officers (approved July 31, 1931).

6. Graduate courses leading to the degree of Master of Science in Education and at the same time meeting the requirements for the following administration licenses: Elementary School Principal, High School Principal, General Supervisor (First Grade), and Superintendent.

DIVISIONS OF SUBJECT MATTER AND COURSES OF INSTRUCTION

Divisions of Subject Matter

I. Administration

II. Art

III. Elementary Education: Special Methods

IV. Elementary Education: Theory

V. English

VI. History and Philosophy of Education
VII. Mathematics  
VIII. Music  
IX. Natural Science  
X. Observation, Participation, and Supervised Student Teaching  
XI. Physical Education  
XII. Psychology: Clinical and the Psychological Clinic  
XIII. Psychology: General and Educational  
XIV. Secondary Education: Special Methods  
XV. Secondary Education: Theory  
XVI. Social Science  
XVII. Supervision  
XVIII. Tests, Measurements, and Statistics  

Courses of Instruction

NOTE: The Roman numerals immediately following the description of each course indicate semesters and the Arabic numerals hours of credit. Courses within brackets will not be offered during the academic year 1938-1939.

The numbering of courses indicates whether a course is intended for students in the lower division, for students in the upper division, or for graduate students. 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 graduate students or to seniors whose credit point average is 2. Seminars will be provided when there is sufficient demand for them.

I. EDUCATIONAL ADMINISTRATION

448, 449. Techniques of Counseling: A course designed for home-room teachers, counselors, and high school deans. Especially desirable for teachers using activity or integrated programs, and those dealing with children who appear to be maladjusted as well as those whose social and emotional needs require suitable activities for a well-rounded development. I, II (3)

469. Administration of Special Education: Exceptional children as an administrative problem. Present trends and practices in organization of classes and schools, class management, curriculum, and approved teaching methods. Summer Session. (3)

543. Public School Administration: A course designed for students planning to take administrative positions in public school systems. It is designed to acquaint the student with sources and typical examples of the literature of school administration, outstanding problems in the field, and methods of handling these problems. I (3)

544. Elementary School Administration: A course consisting of lectures, discussions, readings, and reports on such topics as daily program of studies, length of class periods, problems of grading, retarda-
tion, acceleration, opportunity classes, the platoon system, discipline, credit for out-of-school activities, school reports, etc. II (3)

545. High School Administration: A course, open only to advanced students, dealing with the usual high school problems not directly related to the improvement of instruction. II (3)

546. School Buildings, Grounds, and Equipment. A course dealing with school building plans, construction costs, heating, ventilation, hygiene and sanitation, school equipment in use by community for other than school purposes, and playgrounds. II (3)

547. Educational Finance: A study of budgets and accounts to acquaint students with the fundamental principles underlying the financial administration of the public schools. II (3)

549. Indiana State School Law: A course including a careful study of the school laws of the state. Special emphasis will be given to the duties prescribed by law for various school officials and to the legal aspect of transfers, contracts, bond issues, etc. II (3)

550. Legal Principles Underlying Public School Administration: A course dealing with the common law principles that are applicable to the administration of a public school and designed to acquaint the administrator with the legal basis of administration and to inform him of his legal rights, duties and obligations. Summer Session. (3)

641. Research and Thesis Writing: A graduate course which includes lectures, discussions and reports, with special emphasis on the examination of published investigations in education and methods of interpreting educational data. Required of all candidates for the master's degree in the College of Education. I (3)

II. ART

100. Drawing and Design: A course designed to develop a sound basis upon which the student may rely in making selections of whatever mankind makes and uses. Deals with rules of art as an aid in forming habits of observation and selection of beautiful things and gives practice in some of the elementary art methods in drawing, color, and design. I (2)

392. Art Appreciation: An illustrated lecture course covering the great periods of painting and sculpture. Open only to students above freshman classification. II (2)

III. SPECIAL METHODS IN ELEMENTARY EDUCATION

120. Methods of Teaching Arithmetic in the Primary Grades: A course dealing with the history of arithmetic and the application of psychological principles to the methods of presentation and drill, especially in the teaching of fundamentals. Emphasis is placed upon diagnosis of errors and remedial measures. II (2)
122. Methods of Teaching Arithmetic in the Intermediate-Grammar Grades: A course dealing with the history of arithmetic and the application of psychological principles to the methods of presentation and drill, especially in the teaching of the fractions, decimals, percentage and its use in business. Emphasis is placed on problem solution and on diagnosis of errors and remedial measures. II (2)

123. Methods of Teaching Industrial Arts in the Kindergarten-Primary Grades: A course dealing with the study of industrial arts in relation to geography, history, and the economic and creative life of peoples, supplemented by practical experimentation with materials and processes suitable for use with children in these grades. II (3)

124. Methods of Teaching Industrial Arts in the Intermediate-Grammar Grades: A course dealing with the study of industrial arts in relation to geography, history, and the economic and creative life of peoples, supplemented by practical experimentation with materials and processes suitable for use with children in these grades. II (3)

125. Methods of Teaching Language Arts: A course for students who are to teach reading, spelling, and writing in the intermediate-grammar grades. I or II (3)

127. Methods of Teaching Music in the Kindergarten: A methods course required for kindergarten and primary licenses. It includes study of the pre-school musical experience of the child, music in the kindergarten and first grade, tone-matching, rote-singing, rhythmic expression, and creative activity. I (2)

129. Methods of Teaching Music in Primary Grades: A course designed to acquaint public school teachers with the music education program in the first four grades. It includes study of rhythmic development, the child voice, rote-singing, general notation, simple sight reading, and selection of suitable material. I (2)

219. Methods in Remedial Speech: A course consisting of lectures and demonstrations designed to enable the regular classroom teacher to be more helpful in dealing with the speech problems among her own group. Practical working suggestions in developing a vitally needed "Prevention-of-Poor-Speech" program will be stressed. (3)

220. Methods in Teaching Lip Reading: A course designed for teachers interested in hard-of-hearing children. The course deals with the problems of such children, methods of selection of cases through use of 4A Audiometer and proper individual examinations, and the approved methods of teaching children with serious hearing losses. The instructor will use children in the laboratory class for demonstration. (3)

221. Methods of Teaching Music in Intermediate Grades: A course dealing with aims and attainments of music education in the intermediate grades. Song singing, appreciation material, technical study, and examination of textbooks, manuals, and song books are included. I (2)
### 222, 222U. Methods of Teaching Plays and Games in Intermediate-Grammar Grades:
Practical experience in presenting, evaluating, and taking part in dances and games suitable for these grades. A study of the play of peoples as a definite part of the social studies.

I (1, 2 unprepared)

### 227. Methods of Teaching Social Science:
A course dealing with the social studies of the first four grades. Principles are considered for selecting and organizing units of work in social studies.

I or II (3)

### 228, 228U. Methods of Teaching Plays and Games in Kindergarten and Primary Grades:
Practical experience in presenting and playing games suitable for use in these grades. A study of the theory underlying play in its various forms.

II (3)

### 229. Methods of Teaching Social Science in Intermediate-Grammar Grades:
A course dealing with modern methods of teaching geography, history, and the new type of social studies. The organization of units of work in social studies of each type is taken up.

I or II (3)

### 230. Methods of Teaching Language Arts:
A course designed to acquaint students with modern ways of helping children to acquire language arts in the primary grades.

II (2)

### 241. A Study of the Elementary School:
A general course in methods as applied in the common branches of the elementary school.

II (2)

### 302. Methods and Materials Relating to Creative English in the Elementary School:
Poetry—This course includes, (1) the selection and classification according to type of poems written by children, (2) setting up standards of poetry written for children, (3) choral reading of poetry, (4) methods and materials needed for guidance of creative expression in the school, (5) verifying methods by use in the school and reporting results to the class.

I, II (3)

### 325. Teaching by the Activity Method in the Elementary School:
This course is designed to meet the needs of the teacher in the modern school. It presents the theoretical point of view; the organization and development of the unit of work; the use of and techniques in work with materials, such as cardboard construction, dioramas, clay, etc. It offers practical help and guidance in individual school-room problems.

I, II (3)

### 353. Visual Education:
A practical course in the use of more than 40 types of visual aids, including all kinds of projection apparatus and the making of slides, also school journeys, museums, stereographs and flat pictures. Emphasis is placed on the Psychological Justification of sense experiences in Education and the history of the modern visual education movement.

I (3)

### 360. Special Class Methods:
A course dealing with the methods of teaching slow-learning children, retarded academically because of physical or emotional maladjustment, and those who are slow or men-
464. Study and Education of Exceptional Children: A general introductory course to the field of Special Education. Philosophy of Special Education, causative factors and educational needs of the eight major types of exceptional children. Suggested adaptation of materials and methods in teaching. Graduate credit by special arrangement. I, II (3)

474. Diagnostic and Remedial Teaching: A course designed to give acquaintance with modern methods of diagnosis and remedial treatment of maladjustments of normal children in their school activities. II (3)

IV. THEORY OF ELEMENTARY EDUCATION

109. Introduction to Teaching: An introductory consideration of present-day educational problems designed to develop a sympathetic attitude toward education. I or II (3)

[203. Activities of Early Childhood: A course dealing with the various activities of young children and the development of these activities into the subject matter of the kindergarten and primary grades. I (3)]

205. Kindergarten Principles and the Course of Study: Educational principles as applied to early elementary education, including a study of the kindergarten situation, the general and specific objectives involved in planning a kindergarten program, and various approaches to the curriculum. Offered 1938-39; not to be given 1939-40. I (3)

209. Principles of Teaching and Classroom Management: A course dealing with the place of the elementary school in the social and educational world of today; the nature and needs of the learner; the objectives in elementary school procedure; the principles involved in planning, assigning, and developing lessons; and the different forms of classroom activities. I or II (3)

335. The Parent-Teacher-Child Relationship: A course for parents and teachers dealing with the influences of home, school, and community, which surround the child; the educational and social problems growing out of these influences; and the harmonious interrelationship which must exist between them if each child is to develop to his capacity. II (3)

417. Study of Recent Elementary Social Science Courses: A survey of current curricula in the Elementary Social Science Field designed to give the student a better understanding of the scientific methods used and the extensive research done in the revision of social science courses. Also to gain an increased knowledge of new techniques and activities. I (3)
440. Survey of Modern Methods of Teaching: For experienced teachers, supervisors, and principals. All phases of the curriculum will be discussed. Emphasis will be placed upon newer techniques developed in outstanding progressive schools. Each teacher will make a study of some problem of special interest to her. II (3)

455. Practicum in Education. General summarization of outstanding theories and practices in education gathered from previous courses with special application to the elementary school. II (4)

V. ENGLISH

107. Children's Literature in Kindergarten and Primary Grades: A course for students preparing to teach kindergarten-primary grades. The art of story telling is emphasized. Methods of presenting literature to the pre-school child and the rhythm and imagery of children's poetry are studied. I (2)

110. Children's Literature in Intermediate Grades: A course designed to acquaint the student with types of literature best suited to the needs and tastes of children of the intermediate grades; to awaken an appreciation of the myths, legends, and hero stories of folklore; and to practice the art of poetry speaking as well as story telling. II (2)

111. Oral Reading: A course emphasizing the fundamental laws of learning as applied to good speech. A study will be made of the language skills. Voice training is pursued along two lines: first, for right tone production; and second, for improvement of speech. I (2)

181. Grammar and Composition I: The course deals with those items in technical grammar that are essential to correct speaking and writing. At every stage of the work stress is placed upon correct forms and usage. I (2)

185. Grammar and Composition II: A course involving a study of sentence construction and the forms of discourse, with illustrations taken chiefly from recent literature. Weekly themes are required. II (2)

207. Literature: A survey course emphasizing appreciation, social understanding, and increased acquaintance with the best fiction, poetry, drama, and non-fiction prose. Extensive outside reading as a basis for class discussion is required. I (3)

VI. HISTORY AND PHILOSOPHY OF EDUCATION

311. Philosophy of Education (Elementary): A course consisting of lectures, collateral readings, and discussions, intended to give a coherent review of the fundamental philosophy which should guide and direct educational practice in the field of elementary education. II (3)

312. Problems in Modern Elementary Education: The application of modern philosophy of education. For teachers of kindergarten and lower grades of the elementary school wishing an acquaintance with
and solution for the problems arising in these grades. Discussed in the light of the latest theories of education. Prerequisite: Education 311.
II (3)

411. History of Education: A study of the growth and development of education and its relation to the civilization of the times. Special emphasis on the social, religious, economic, and political forces which have caused changes in the schools and which have determined the evolution of our philosophy of education. I (3)

412. History of Education in the United States: A course dealing with the rise and development of both public and private education in the United States. Particular attention to those factors, social, economic, political, and religious, which have affected the development of education. II (3)

413. Evolution of Educational Theories: A course tracing the changing theories relative to discipline, education of girls, the teacher, the learning process, and similar topics. Reference to early and to recent writers with emphasis on "progressive" tendencies. I (3)


511. Philosophy of Education: A course consisting of lectures, collateral readings, and discussions, intended to give a coherent review of the fundamental philosophy which should guide and direct educational practice. II (3)

512. Comparative Education: Lectures, readings, and discussions of school systems with special reference to Great Britain, France, Germany, China, Japan, and South America. The ideals which dominate these educational systems, and comparisons instituted with the school systems of the United States. II (2)

VII. MATHEMATICS

106. Arithmetic I: A course dealing with the work in the fundamental operations, fractions, decimals, and percentage, taught in relation to modern business and social practices. Stress is laid upon the reading of problems, quick analysis, accurate and speedy solution, diagnosis of errors, and remedial practices. I (2)

VIII. MUSIC

247. Stringed Instruments: (Conservatory.) I (2)

248. Wind-instrument Percussion: (Conservatory.) II (2)

251. Kindergarten-Primary Methods: (Conservatory.) For students preparing to become music teachers or supervisors. Prerequisite, Music 102, 104. I (2)

252. Intermediate Grade Methods: (Conservatory.) For students preparing to become music teachers and supervisors. Prerequisite, Music 102, 104. II (2)
253. Elements of Music: A course planned for students preparing to become elementary school teachers; a study of the rudiments of music, notation, key and measure, signature, scales, sight reading, interpretation, tone production, and tone quality.

257. Music Materials and Methods: A practical course emphasizing the selection and methods of presentation of songs for children, the understanding of the use of the singing voice, study of interpretation, enunciation, pronunciation, tone quality, correct breathing, posture, discussion of the difficulties of unmusical children.

258. Music Activities in Elementary School: A study of special music activities such as operetta, cantata, rhythm games, rhythm bands, chorus, choir, and glee clubs.

265, 266. Observation and Supervised Teaching of Grade School Music: (Conservatory.) Prerequisite, Music 201, 203, 251, 252. I, II (2)

354. Teaching of Appreciation: (Conservatory.) Prerequisite, Music 108.

355. High School Music Methods (Vocal): A study of problems in the junior and senior high school from the philosophic, psychologic, and pedagogic standpoint; problems of curricula; discussion of elective and required courses in music, testing, range and care of the early and later adolescent voice; class instruction in voice; methods of presentation and materials for glee clubs, chorus, choir, a capella choir, assembly and special occasions; operettas, cantatas. Tuition, $12.50. Prerequisite, Music 111, 202, 204, 252.

355A. High School Music Methods (Instrumental): A study of the problems in the junior and senior high school from the philosophic, psychologic, and pedagogic standpoint; problems of curricula; discussion of elective and required courses in music; methods of procedure for teaching as adapted to individual and class instructions; plan of organization for bands and orchestras; materials for programs, assembly and special occasions. Tuition, $12.50. Prerequisite, Music 111, 202, 204, 252.

356. General High School Music Methods: Consideration of all the problems of music education in the junior and senior high school; curricula; place of vocal and instrumental music in the educational program; discussion of courses of study; organization of glee clubs, chorus, a capella choir, orchestra, band, instrumental classes; appreciation; theory of music; system of accrediting the work; materials; programs for classroom; assembly and special occasions; operettas, cantatas. Tuition, $12.50. Prerequisite, Music 111, 202, 304, 252, 355 or 355A.

358. Integration of Music and Social Studies, Grades Four, Five, Six and the Junior High School: Characteristics of the music of the Orient, Europe, and the Americas; contributions of various countries
to music; folksongs, dances, instruments, composers; sources of material, song books, piano and recorded music literature, bibliography. Tuition, $12.50.

366A. Observation and Supervised Teaching of Junior High School Music: This work is done in the Indianapolis junior high schools under the supervision of the regular music teachers and the heads of the music departments, with the general supervision of the head of the school music department of the Conservatory. Each student is assigned classes to fit his needs and interests. Tuition, $20.00 or $30.00. Prerequisite, Music 355A.

452. Music Supervision: The relation of music to educational objectives; coordination of the special subject with the general field of education; the relation of the special supervisor to the school organization; outlining of work in a special field; teacher meetings; visiting teachers; evaluating and checking results. Tuition, $12.50.

465, 466. Observation and Supervised Teaching of High School Music: The work in this course is done in the Indianapolis high schools under the supervision of the regular high school music teachers and the heads of the music departments, with the general supervision of the head of the school music department of the Conservatory. Each student is assigned classes to fit his needs and interests. Only one semester is required. The other semester may be taken as an elective. Tuition, $30.00 a semester. Prerequisite, Music 355 and 356 or 355A and 356.

IX. NATURAL SCIENCE

182. Geography: A course designed to give a teaching knowledge of geography in its astronomical, physical, regional, and commercial relations to man's life upon the earth as manifested in his activities.

183. General Science: A course designed to acquaint the student with the plants and animals that may be found in the environment of a teaching center. Emphasis is placed on daily observations, experiments, and field trips. Elementary science readers and nature study courses will be examined.

213. Physiology and Hygiene: An elementary study of the anatomy and functions of the respiratory, circulatory, excretory, digestive, reproductive, and nervous systems.

X. OBSERVATION, PARTICIPATION, AND SUPERVISED STUDENT TEACHING

131. Supervised Observation and Participation: A course giving opportunity for observation and participation under supervision in the public, private, and special kindergartens and schools, and in the civic, industrial, and artistic life of the city.
133. Observation: A general orientation course. It includes visits to schools for the purpose of observing the pupils and the teachers in the activities of the school. Trips are taken to other places of interest in the city. I or II (2)

231. Supervised Teaching in the Primary Grades: This course provides for observation, participation, and teaching in the first four grades. Prerequisite, satisfactory work in education courses. A laboratory fee of $20.00 is required. I or II (10)

232. Supervised Teaching in the Intermediate-Grammar Grades: This course provides for observation, participation, and teaching in grades four to eight inclusive. Prerequisite, satisfactory work in education courses. A laboratory fee of $20.00 is required. I or II (5)

233. Student Teaching in the Kindergarten: Students act as regular assistants in public and private kindergartens under experienced directors, and supervision from the kindergarten department of the college. Class and individual conferences with the supervisor of kindergarten student teaching. Prerequisite 131. I, II (5)

234. Student Teaching in Art in Elementary Schools: A course for students in Art to complete license requirements. Participation, Observation and Teaching in Art with Art Critic in Public Schools. I or II (3)

326. Advanced Student Teaching in Kindergarten: Offers advanced students opportunity to teach, under supervision from the college, and to make a more complete study of children’s behavior and curriculum planning. Prerequisite 230 and 233. II (2½)

431. High School Student Teaching: A course open to seniors having nine hours of education and a grade of B or above in the subject in which the candidate wishes to teach. The work is done in the Indianapolis high schools under the guidance of critic teachers and members of the staff of the College of Education. Hours to be arranged. A laboratory fee of $20.00 is required. I or II (3)

432. Student Teaching in Special Schools: A course for students in the senior year who have had the work given in the sophomore year. Diagnostic and remedial. I or II (5)

433. Advanced Student Teaching in Elementary Grades: For advanced students who have had Education 231, 232, or experience. I or II (2½ or 5)

XI. PHYSICAL EDUCATION

Courses For Men

101, 102. Games Education: Instruction in the rules and skills of a variety of physical activities having recreational value. Required of all freshmen. I, II (1)

201, 202. Games Education: Same as 101, 102. Required of all sophomores. I, II (1)
251. Theory and Practice of Play: A study of the mental and physical growth of children and the adaptation of physical activities to meet the needs, interests, and tendencies of various ages. Instruction and practice in games of low and high organization. I (3)

254. First Aid: A course designed to give opportunity to discuss and to practice caring for injuries received in the home, on the street, in camps, in industry, and in athletic competition. Open to all students. II (2)

255. Study of Major Sport Rules: A consideration of the playing rules of basketball and track and field athletics. Of value to spectators desiring to know more about sports. I (1)

256. Fundamentals of Gymnastics: A consideration of the more formalized types of activities and their application in elementary and secondary schools, and colleges. Practice and instruction in methods of teaching marching tactics, calisthenics, tumbling, and stunts. I (3)

351. Theory and Practice of Basketball: A course consisting of lectures, discussions, demonstrations, and floor work. A careful study is made of basketball, with emphasis on the individual fundamentals. Consideration is given to the conditioning of a team and to the various styles of offensive and defensive team plays. I (2)

352. Theory and Practice of Football: A study and practice in the strategy and mechanics of directing football, including offensive and defensive fundamentals for each position, offensive and defensive team play, organization of practice periods, and conditioning of players for contests. II (2)

353. Theory and Practice of Track and Field Athletics: A course designed to teach the fundamentals of track and field events. Also practice and demonstrations illustrating the various theories of outstanding coaches, together with methods of conditioning men for the various events. II (2)

354. Theory and Practice of Baseball: Lectures, discussions, demonstrations, and field work. This course includes the theory of pitching, with emphasis on delivery, study of the batter, and pitching strategy; the theory of batting and base-running; the proper methods of fielding each position; and team play. II (2)

424. Teaching of Health: A consideration of the best methods of teaching personal hygiene to elementary, high school, and college students. II (2)

451. Physical Examinations and Individual Gymnastics: A consideration of physical and orthopedic examinations, methods of detecting the more common defects which come to the attention of the physical educator, and a consideration of a follow-up program. Prerequisite, Human Anatomy. (Zoology 317). II (3)

452. Organization and Administration of Physical Education: A study of the history, principles, aims, objectives and administrative
problems of the required intramural, interscholastic and intercollegiate programs of physical activity. II (3)

Courses for Women

I. Individual Group.

101. Archery. I or II (1)
103. Equitation and Fencing. I or II (1)
106. Golf. II (1)
107. Elementary Tennis. I (1)
108. Advanced Tennis. II (1)
111. Fencing. I or II (1)

II. Team Group.

120. Baseball and Handball. II (1)
121. Basketball and Speedball. I (1)
123. Field Hockey and Volleyball. I (1)

III. Rhythmic Group.

140. Folk Dancing. II (1)
141. Social Dancing. I (1)
143. Tap Dancing. I or II (1)

IV. Swimming Group.

161. Beginning Swimming. I or II (1)
163. First Intermediate Swimming: Prerequisite, a grade of at least "C" in Beginning Swimming. I or II (1)
165. Second Intermediate Swimming: Prerequisite, a grade of at least "C" in First Intermediate Swimming. I (1)
166. Competitive Swimming: Prerequisite, a grade of at least "C" in Second Intermediate Swimming. II (1)
168. Life Saving. II (1)

V. Materials Group.

180. Physical Education for Primary and Kindergarten Students: A course designed to study material suitable for kindergarten and primary grades. Required. II (1)
181. Gymnastics: A course dealing with conditioning exercises, apparatus work, stunts and simple team games. I or II (1)

182. Physical Education for Elementary Students: A course designed to study material suitable for elementary grades. Required. II (1)

VI. Intramural Activities.

In addition to the major sports the following activities are offered on the intramural program: Ping-pong, Deck-tennis, Shuffleboard, Horseshoe Pitching and Bowling. Credit is not granted for this work. I, II

First semester Freshmen shall elect one of the following courses: Physical Education 101, 121, 123, 181.

Upperclassmen may elect any of the courses listed.

It is desirable for students to elect one activity from four different groups to fulfill their four-hour physical education requirement.
224. Theory and Practice of Play: A study of the mental and physical growth of children and the adaptation of physical activities to meet the needs, interests, and tendencies of various ages. Instruction and practice in gradation of games. I (3)

225. Theory and Practice of Folk Dancing: A study of the historical significance of types of folk dancing and their uses for school and recreational purposes. Methods and practice in teaching these dances. II (3)

226. Theory of Gymnastics: A study of the more formal types of physical education activities and their uses in elementary schools, high schools, and colleges. Theory and instruction in methods of teaching tactics, conditioning exercises, apparatus, stunts, and tumbling. I (3)

227. Gymnastic Practice Teaching: The practical application of the theory of gymnastics. II (2)

254. First Aid: Discussion and practice in caring for injuries received in the home, on the street, in camps, in industry, and in athletic competition. Open to all students. II (2)

321. Sports Technique: Study and practice in the theory of sports for women. Practice teaching in college classes is a prescribed part of this course. Sports: hockey, basketball, volleyball. I (3)


350. General Methods in Physical Education: A study of the various methods used in teaching physical education in all its activities. II (3)

424. Teaching of Health: A consideration of the best method of teaching personal hygiene to elementary, high school, and college students. I (2)

451. Physical Examinations and Individual Gymnastics: A consideration of physical and orthopedic examinations and methods of detecting the more common defects which come to the attention of the physical educator. Prerequisite, Human Anatomy. II (3)

452. Organization and Administration of Physical Education: A study of the principles, aims, objectives, and administrative problems of the required, intramural, and intercollegiate program of physical education. II (3)

XII. CLINICAL PSYCHOLOGY AND THE PSYCHOLOGICAL CLINIC

The courses in Clinical Psychology are planned to meet the needs of students who wish to qualify as clinical psychologists in schools, private or public organizations, social service departments, hospitals, and courts. The Psychological Clinic makes it possible for advanced students in clinical psychology to act as assistants to the director of the
clinic in the examination and treatment of persons brought to the clinic with psychological problems in the field of normal psychology. For prerequisites and assistance in planning a program of studies, consult the faculty members in this field.

465. Abnormal Psychology and Mental Hygiene: A course designed to acquaint the student with the various types of abnormality, their causes, development, consequences, and prevention. Valuable to individuals who are concerned with the guidance and direction of people.

II (3)

471. Clinical Psychology: A theoretical study and practical application of the methods of psychological analysis, diagnosis, and treatment of the behavior of children. Children of various types and ages will be brought before the class for observation and study. Prerequisite, course 261; course 361 is recommended.

II (3)


II (3)

475. Child and Adult Abnormal Psychology and Mental Hygiene: A course designed to acquaint students with the various types of variation from acceptable behavior: how abnormal behavior is developed in the normal person, both child and adult, its causes, development, consequences, and the practical techniques of prevention. Valuable to teachers, parents, and members of the clergy concerned with the guidance, direction, education, and training of children and adults. Opportunity will be given to observe cases both in the classroom and in the clinic.

II, II (3)

571. Diagnostic and Clinical Teaching: A course dealing with the teaching of children, adolescents, and adults who present special psychological problems. Prerequisite, Psychology 361; Clinical Psychology 471.

II

572. Clinical Methods: A course offering practice in the use and interpretation of psychological and performance tests. Open only to seniors and graduate students. Prerequisite, Psychology 361; Clinical Psychology 471, 472, 571.

II (2)

573. Clinical Practice: A course designed to give students an opportunity to learn to apply methods other than mental and psychological tests in making diagnosis, recommendations, and prognosis for each individual case. Prerequisite, Clinical Methods 572; and one course in social service.

II (2)

574. Psycho-clinical Analyses and Readjustments: Psychological analyses and readjustments made in adult and adolescent cases having difficulties in social, educational, and vocational fields or environments. Prerequisite, Psychology 361, 563, and Clinical Psychology 471, 472, 572.

I (2)

575. Diagnostic Practice in Clinical Psychology: A course of advanced work in the field of Clinical Psychology giving students an opportunity to work with numerous difficult cases. Cross examinations
are made in group discussions whereby each student attempts to maintain the validity of his own diagnosis. Prerequisite, Clinical Practice. I or II (2)

576. Diagnostic Psychology: The nature of this course is diagnostic and remedial. It is a study of the causes, consequences, and treatment of childhood difficulties. Prerequisite, Psychology 261. Mental Testing 567 is recommended. Graduate credit.

XIII. PSYCHOLOGY

General and Educational

260. Psychology of Teaching and Learning. A course designed with special reference to the learning process, habit formation, reasoning, etc., at the level of the elementary school. I (3)

261. Psychology I: An introductory course devoted to such topics as the historical background of psychology, reflexes, emotion, physiological mechanism involved in behavior, etc. I or II (3)

262. A laboratory course supplementing the work of Psychology I. May accompany Psychology I or it may be taken as a separate course, when preceded by Psychology 261. I (2)

263. Psychology II: A continuation of Psychology I devoted to such topics as attention, thinking, learning, etc. I or II (3)

264. A laboratory course supplementing the work of Psychology II. May accompany Psychology II or it may be taken as a separate course, when preceded by Psychology 263. II (2)

366. Industrial Psychology: A course to consider the rise and scope of industrial psychology; the origin, nature, and distribution of individual differences; and the basic factors in vocational selection. I (3)

367. Psychology of Elementary School Child: A course designed to help kindergarten and elementary school teachers to understand the non-social, social, learning and habit tendencies of children in classroom and playground, and hence to secure an adequate basis for their instruction. I (3)

461. Animal and Human Learning: A description, analysis, and comparison of animal and human learning from experimental evidence resulting from laboratory investigations. II (3)

462. Mental Hygiene: A course dealing with the care and treatment of abnormal behavior in children and adults. Individual cases will be reported and studied. I (3)

467. Mental Tests and Measurements: A course dealing with the chief facts of normal physical and mental development, making them the basis for study of minor differentiations, with border line cases and abnormal children. I (3)
470. Contemporary Schools of Psychology and Their Background: A course designed to acquaint students with the various schools of psychology and a brief outline of their historical background. Graduate and undergraduate credit. II (3)

S477. Emotions, the Child and Teaching: Study will be made of the general characteristics of the child and the processes of teaching and learned as these are specially affected by emotional display in the home, playground, and schoolroom by pupil, teacher and parent. (3)

561. Psychology of the Pre-School Child: A study of the first five years of human life designed to give basic knowledge to primary teachers, young parents, and others in contact with young children. Both desirable and undesirable behavior of young children as observed in homes, nursery schools, and maternity wards of hospitals will be examined. II (2)

562. Psychology of Childhood: A course treating such topics as the child, his original nature, affective and cognitive states, memory, imagination, thinking, habit, play, physical, moral and religious development. II (3)

563. Psychology of Adolescence: A course involving a careful examination and critical study of the physical, mental, and moral characteristics and of typical economic and social interests of upper grade and high school pupils. The problems of training which thereby arise are considered and constructive recommendations are offered toward their solution. II (3)

564. Psychology of Personality: An evaluation of the factors of personality. An investigation of just what personality is, how it develops, and how under certain conditions it may be constructed. II (3)

[565. Psychology of Elementary School Subjects: A course consisting of lectures, collateral readings, and discussions directly related to the psychological principles involved in the mastery of the subjects of the elementary school.]

XIV. SPECIAL METHODS IN SECONDARY EDUCATION

Art 327. Special Methods in High School Art: A course designed primarily for those expecting to teach or supervise Art in the secondary school. II (3)

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

Chemistry 313. Methods of Teaching Chemistry in High School: A two-hour course in the teaching of chemistry. II (2)
Economics 307. Methods of Teaching Economics in High School: This course is identical with Course 307 in the Department of History and Political Science and with Course 307 in the Department of Sociology. II (2)

English 350. Methods of Teaching English in High School: A practical study of the high school course in English: its aims, content, methods, and texts. Open to juniors and seniors who are electing English as a major or minor for the Indiana teacher’s license. Not counted in required hours for an English major. I or II (2)

French 351. Methods of Teaching French in High School: This course includes a review of French Grammar and methods of presenting the essentials of it to elementary classes. For prerequisite consult the instructor. I (2)

German 320. Methods of Teaching German in High School: 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. Prerequisite, three years of German in college or its equivalent. II (2)

History 307. Methods of Teaching History and Civics in High School: Open only to students who have averaged "B" or more in the department. This course is identical with course 307 in the Department of Economics and Business Administration, and with course 307 in the Department of Sociology. II (2)

Home Economics 341. Teaching Home Economics in High School: A study of the relation of educational psychology to the teaching of Home Economics; organization of the work in different types of schools; curriculum planning. Prerequisite, courses 201, 202, 231, 232. II (2)

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

Latin 331. Methods of Teaching Latin in High School: 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)

Library 342. Library Course for Teachers: (Cataloging and Classification.) A library course for teachers to apply on high school license. II (4)

Library 343. School Library Administration. I (3)

Library 344. High School Library Book Selection. II (3)

Library 345. Reference and Bibliography. II (3)

Library 346. Order Work and Trade Bibliography. I (1)
[Mathematics 318. Methods of Teaching Mathematics in High School: 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. II (2)]

Physical Education 353. Methods of Teaching Physical Education: A course in the special systems used for teaching physical education such as lectures on the instructor's presentation of the material, planning of the lessons and the application of the material.

Physics 307, 308. Methods of Teaching Physics in High School: Prerequisite, course: 101, 102. I, II (1)

[Public Speaking 350Sp. Methods of Teaching Speech in High School: A course designed to meet the needs of students intending to teach courses in speech. Prerequisites, either major or minor speech requirements. II (2)]

Spanish 321. Methods of Teaching Spanish in High School: Prerequisite, Spanish 311, 312, or 331, 332. This course may be taken simultaneously with course 311, 312, or 331. Consult the Instructor before registering. II (2)

Zoology 311. Methods of Teaching Zoology in High School: A course 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 prerequisite for the course will be 15 hours under Option I, 15 hours under Option II, 20 hours under Option IV. I (2)

XV. THEORY OF SECONDARY EDUCATION

113. Introduction to High School Teaching: This course is designed to introduce the student to the different phases of the secondary school as they affect the teaching profession on this level. I (3)

301. Secondary Education: A survey course designed to acquaint the prospective high school teacher with the outstanding features of the American secondary school. I or II (3)

323. Principles of High School Teaching: A course designed to acquaint the student with the latest theory and practices concerning methods of instruction, class management, methods of study, planning instruction, and measuring the results of teaching. I or II (3)

[401. The Junior High School: A survey of the Junior High School movement with attention to history and development, principal characteristics, present status, and future outlook. I (3)]

[402. Extra-Curricular Activities: A course designed to familiarize the student with the usual extra-curricular activities; their adaptations to the elementary school, junior and senior high schools, the problems involved; and the means of solving them. II (3)]
404. Junior High School Curriculum: A course dealing with such topics as the procedure of making the curriculum, its historic development, objectives, and content. II (3)

XVI. SOCIAL SCIENCE

108. Primitive Peoples: A course for kindergarten-primary and primary groups, designed to develop in the student an intelligent understanding of the first steps in human progress and an appreciation of the contributions of ancient people to later civilization. I or II (3)

281. United States History I: A survey of the major movements of United States History to 1865. (3)

283. United States History II: A study of major movements of United States history from 1865 to the present time. (3)

285. Problems of Modern Democracy: A course which seeks to develop a fuller understanding of major problems of American democracy with a view to cultivating the ability to teach and to practice the fundamentals of constructive citizenship. (3)

XVII. EDUCATIONAL SUPERVISION

[441. Diagnostic and Remedial Reading: A course dealing with the frequency of failures in reading, causes of failures, diagnoses of difficulties, use of diagnostic tests, remedial instruction, and the relation of difficulties and interest in reading. I (3)]

442. Diagnostic and Remedial Arithmetic: A course dealing with the diagnosis of errors in arithmetic and the remedial work which should follow. It is based upon research studies pertaining to this field. There will be one laboratory hour of testing and remedial work in schoolrooms. I (3)

450. Curriculum Construction: For experienced teachers, supervisors, and administrators. Deals with the newer techniques used in developing courses of study and putting them into use. Integrated, core, and subject curricula will be studied and each teacher will be helped to develop courses of study for her own grade level. Investigations in both the elementary and secondary fields. (3)

541. Elementary School Supervision: A course for superintendents, supervisors, and supervising principals, designed to treat the improvement of instruction as distinct from administrative duties. II (3)

542. High School Supervision: A course presenting the high school problems related directly to the improvement of instruction. Open only to advanced students. I (3)
XVIII. EDUCATIONAL TESTS, MEASUREMENTS, AND STATISTICS

141. Tests and Measurements: An introductory course in measurements for the elementary school, including a study of tests available and the technique required to use properly and interpret them. I or II (2)

[444. New-type Examinations: A course designed to familiarize the teacher with the construction and use of objective classroom tests, and an interpretation of the results of such tests. I (2)]

445. Educational Tests and Measurements: A course involving an intensive study of the standard test movement in education. It includes a brief historical perspective, the principles underlying the demand for standards in the content of the course of study, and the use and value of tests in the work of the teacher and the principal. II (3)

[446. Statistical Methods Applied to Education: A course dealing with the use of statistical methods in the interpretation of educational data. II (2)]
THE COLLEGE OF BUSINESS ADMINISTRATION
The College of Business Administration

PURPOSE

The courses given in the College of Business Administration are designed to meet the needs not only of students who wish to acquire a deeper understanding of the world in which they live, but also of those who desire to go further into the technical phases of these subjects as preparation for careers in business or journalism, public service, teaching of economics, commercial or journalism subjects in high school, secretarial work, or graduate study in economics, business or journalism.

COURSES OF INSTRUCTION

The College of Business Administration offers courses of instruction leading to the undergraduate degrees of Bachelor of Science in Business Administration and Bachelor of Science in Journalism, and to the graduate degrees of Master of Science with major in Business Administration or in Journalism. The College offers courses applicable on the degree of Bachelor of Arts in Economics in the College of Liberal Arts and Sciences and on the degree of Master of Arts in the Division of Graduate Instruction.

CO-OPERATING ASSOCIATIONS

Accounting: The student in Butler University is enabled to prepare for the Certified Public Accountant's examination. All necessary courses in accounting from Principles to C. P. A. problems are offered as well as those required in finance, business law, etc.

The Butler University general business curriculum and the accounting curriculum are registered by the University of the State of New York. The regulations of the Commissioner of Education in New York are as follows: "For the Certified Public Accountants' Certificate . . . A graduate of a college or school of accountancy and business administration that is registered by the Department for this purpose shall be given two years general experience credit toward meeting this requirement." Our cost accounting work is sponsored by the Indianapolis Chapter of the National Association of Cost Accountants as one method of improving the level of accounting practice in this community.

Insurance: Persons interested in preparing for the Chartered Life Underwriters' examinations will find courses organized to meet their needs. Butler University is recognized by the American College of Life Underwriters as a "co-operating university" in preparing students for these examinations. Many of these courses should be of aid to persons in other fields of insurance.

Under the regulations of the State Department of Insurance, all life insurance agents in the State of Indiana must successfully complete a course of study in life insurance before a permanent agent's license will be granted. Satisfactory completion of our course in life insurance will satisfy this requirement.
Purchasing: The Indianapolis Association of Purchasing Agents sponsors a curriculum designed to prepare students for positions in purchasing departments upon graduation, as well as to assist persons already employed in purchasing departments to prepare themselves for more effective and efficient work.

Traffic Management: The Indianapolis Traffic Club sponsors a curriculum in Traffic Management.

Credit: The Indianapolis Association of Credit Men in co-operation with the National Association of Credit Men sponsors a curriculum designed to prepare individuals interested in the field of credit for the Junior Certificate and the Senior Certificate issued by the National Institute of Credit.

All courses required for these certificates are offered in Butler University.

Personnel Management: The Indianapolis Personnel Association sponsors the work given by this college in the field of personnel management.

Newspapers: Students of the Journalism Department have many opportunities for practical experience through the co-operation of professional organizations. The Hoosier State Press Association in the smaller daily and weekly field, the Indianapolis newspapers, and the Indianapolis Advertising Club offer their co-operation to the department.

REQUIREMENTS FOR ADMISSION

The College of Business Administration will admit to freshman standing graduates of commissioned high schools of the State of Indiana. For details see General University Requirements. For requirements for admission with advanced standing from other colleges see General University Requirements.

GRADUATION HONORS

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 of 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 1 of the junior year 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 1 of the candidate's senior year the major professor shall submit to the Committee on Graduation Honors 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 \textit{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 Graduation Honors not later than June 10. Other details will be arranged by agreement with the major professor and the committee.

\textbf{REQUIREMENTS FOR GRADUATION}

\textbf{General Requirements}

The normal length of time required to complete the work for a degree is four years. The candidate must meet the entrance, residence, and registration requirements of the College of Business Administration and satisfactorily complete a minimum of 124 hours of college work with at least as many grade points as hours, four of which shall be in physical education. Not more than forty hours may be taken in any one subject as English, mathematics, or history in other colleges of the university. At least 48 hours of the credit presented for graduation must be in courses numbered above 299.

In meeting degree requirements, no distinction is made between credit earned in evening courses and credit earned in day courses.

The courses of study in the College of Business Administration are divided into two groups: the lower division and the upper division. The courses of the lower division are intended primarily for students who are either freshmen or sophomores and carry numbers less than 300. The courses of the upper division are intended for juniors and seniors and carry numbers beginning with 300 and extending through 499. For admission to the upper division the student must have a minimum of 64 hours of credit and as many grade points as hours. The following specific requirements must be met.

\begin{tabular}{|l|c|}
\hline
\textbf{Course} & \textbf{Hours} \\
\hline
English & 10 \\
Social Science & 5 \\
Language or Social Science & 10 \\
Physical Education & 4 \\
Electives & 35 \\
\hline
\end{tabular}

Candidates for a bachelor's degree who already hold another bachelor's degree, or its equivalent, must complete a minimum of 30 addi-
tional hours in Butler University for the second degree and must meet all of the specific requirements for that degree.

The following table will apply in the classification of students:
- 124 hours and as many grade points for graduation.
- 94 hours and as many grade points for full senior standing.
- 64 hours and as many grade points for full junior standing.
- 32 hours and as many grade points for full sophomore standing.

At least 30 hours of work must be taken in the major subject of which 20 hours must be in upper division courses. At least 10 of these 20 hours must be taken in Butler University.

Not more than 60 hours may be taken in one department in the College of Business Administration without the approval of the Dean.

An average of one grade point per hour must be maintained in the major subject.

Specific Requirements for B. S. in Business Administration

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English</td>
<td>10</td>
</tr>
<tr>
<td>Foreign Language or Science</td>
<td>10</td>
</tr>
<tr>
<td>Economics and Business Administration</td>
<td>30</td>
</tr>
<tr>
<td>Five courses are required of all students:</td>
<td></td>
</tr>
<tr>
<td>Principles of Economics, Credit and Banking,</td>
<td></td>
</tr>
<tr>
<td>Public Finance, Introduction to Study of Labor,</td>
<td></td>
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<tr>
<td>and Public Utilities.</td>
<td></td>
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<tr>
<td>Additional Economics and Business Administration</td>
<td></td>
</tr>
<tr>
<td>or other social science courses</td>
<td>30</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Free electives</td>
<td>40</td>
</tr>
</tbody>
</table>

Total: 124

Specific Requirements for B. S. in Journalism

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman English</td>
<td>10</td>
</tr>
<tr>
<td>English (additional)</td>
<td>10</td>
</tr>
<tr>
<td>*Foreign Language</td>
<td>10</td>
</tr>
<tr>
<td>Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Social Science</td>
<td>30</td>
</tr>
<tr>
<td>Journalism</td>
<td>30</td>
</tr>
<tr>
<td>The following courses are required of all</td>
<td></td>
</tr>
<tr>
<td>students:</td>
<td></td>
</tr>
<tr>
<td>History of Journalism, News Writing (two</td>
<td></td>
</tr>
<tr>
<td>semesters), Principles and Ethics of</td>
<td></td>
</tr>
<tr>
<td>Journalism, Law of the Press, Copy Desk</td>
<td></td>
</tr>
<tr>
<td>Methods (two semesters), Editorial Writing,</td>
<td></td>
</tr>
<tr>
<td>Advanced Reporting (two semesters).</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Free electives</td>
<td>20</td>
</tr>
</tbody>
</table>

Total: 124

* The minimum of required work in foreign language is 20 hours (2 units from high school, and 10 hours in college). Not more than two languages may be offered to meet this requirement. At least 6 hours of foreign language must be taken in college.
Bachelor of Arts

For the requirements for the Bachelor of Arts degree with major either in Economics or in Journalism see the section of this catalogue devoted to the College of Liberal Arts and Sciences.

Master of Science

The degree of Master of Science is conferred on applicants who hold the corresponding baccalaureate degree and who meet the requirements stated below. If the student does not hold a degree from a standard institution, he must meet the conditions of graduation in Butler University before his application will be approved.

The candidate must complete in Butler University at least 30 hours of advanced work in courses numbered 300 or above, approximately 20 of which shall be chosen from the field of major interest, the remainder from a related field of minor interest.

The applicant must present his request for admission to candidacy for the advanced degree, together with his credentials of the work that he has done for his baccalaureate degree, to the Dean of the College of Business Administration within two months after commencing his graduate work.

The applicant’s proposed major subject, general plan of graduate study, and the number and quality of his undergraduate credits must be approved by his major professor and the Dean of the College of Business Administration. Undergraduate deficiencies may be removed by additional courses which will not apply for graduate credit.

A grade of not less than "B" is required for all graduate work.

The maximum amount of time allowed for a student to complete the work for this degree is five years.

A thesis or dissertation, which shows satisfactory power of scholarly investigation, and of stating the results of such investigation, must be written on a subject chosen from the field of major study. The subject must be approved by the major professor and the Dean of the College of Business Administration, at least six months before the candidate is admitted to his final examination. After the subject has been approved, the candidate, with the aid of frequent conferences with his major professor, will prepare his thesis or dissertation. When the thesis is satisfactory to the major professor, the manuscript will be examined further by a special committee. Not more than two or three hours credit may be allowed for the thesis or dissertation, except by special permission of the Dean of the College of Business Administration. The candidate must register for thesis and pay fees at the regular rate for each hour of credit received. Two satisfactory typewritten copies, upon the regulation paper, must be deposited in the library of the University, accompanied by a receipt from the Secretary-Treasurer, showing that the fee for binding has been paid, before the degree is conferred.

The applicant must present himself at a date and hour publicly announced for oral examination on the work pursued for the degree. This examination shall be conducted by a committee consisting of the major professor and at least two other professors.
Master of Arts

The university confers the degree of Master of Arts with a major in economics upon applicants who hold the degree of Bachelor of Arts and who meet the requirements for this degree as stated in the section of this Bulletin devoted to the Division of Graduate Instruction.

DEPARTMENTS AND COURSES OF INSTRUCTION

I. Economics and Business Administration
II. Journalism

Courses of Instruction

NOTE: The Roman numerals immediately following the description of each course indicate semesters and the Arabic numerals, hours of credit. "(2) or (3)" indicates the course may be given in a certain semester as a 2-hour course and at some other time as a 3-hour course. The student may receive only the amount of credit on the schedule for the particular semester. "(2-3)" indicates that in the same class some students may receive 2 hours of credit and some may receive 3. The designation "(2-3)" is permitted only in laboratory or in seminar courses which partake of a laboratory character; it is never permitted in lecture or in recitation courses.

Courses within brackets will not be offered during the academic year 1938-1939. The days and hours of class meetings may be found in the "Schedule of Recitations." "Continuous Course" shall be used to indicate a course which must be taken both semesters in order to receive credit.

The numbering of courses indicates whether a course is intended for students in the lower division, for students in the upper division, or for graduate students. 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 graduate students or to seniors whose credit point average is 2.

I. DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Professor Beckner
Associate Professor Bridenstine
Assistant Professors *Camp, Redding, Lloyd, Efroymson
Mrs. Bailey, Mr. Kelso, Mrs. Moore, Mr. Ritter, Mr. Townsend

Students working toward the Bachelor of Science degree must take 60 hours of work in the social sciences, including at least 30 hours in this department and the major subject must be economics and business administration. No credit will be given for the elementary courses in stenography and typewriting.

* On leave of absence 1937-1938.
All students majoring in this department must include in their work courses 200, 310, 320, 330, and 340. Other courses may not be substituted for these courses. Students preparing to teach economics or commercial subjects in high school should also include courses 300, 301, and either 307 or 308, depending upon whether the license is to be in economics or in commercial subjects.

Course 200 (Principles of Economics) is prerequisite to all courses in this department with a number higher than 200, except the courses in Accounting and Secretarial Science. Any course numbered between 200 and 299 is prerequisite to all courses in its group numbered above 299. Some of the advanced courses are given only in alternate years.

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 high order.

Economic Theory

200. Principles of Economics: A course designed to give the student an understanding of the fundamental principles of economic science and their application to present-day economic problems. Open to sophomores. This course is a prerequisite to courses above 200, except those in Accounting and Secretarial Science. I or II (5)

201, 202. Principles of Economics: A course dealing with the same material as Economics 200, except that more time is devoted to the application of principles. Attention will be given in the first semester chiefly to the development of principles and in the second semester to the application of these principles. Open to sophomores and meets the same prerequisites as Economics 200. I, II (3)

300, 301. History of Economic Thought: A course attempting (1) to relate economic thought to its background of philosophical, economic, social, and political conditions; and (2) to evaluate past theories in the light of present-day economic thought. Prerequisite, Economics 200 and 10 additional hours in the department. Continuous course. I, II (2)

302. Types of Economic Organization: An inquiry into the principles underlying a proper organization of economic life. Includes a study of utopias, socialism, communism, co-operation, capitalism, and other work-organizations. Prerequisite, 60 semester hours of credit. II (3)

303. Contemporary Economic Thought: A study of the contributions of Marshall, Clark, Veblen, Hobson, and other contemporary economists. I (2)

304. Economic Problems of the Consumer: A study of the position of the consumer in modern economic society and of the methods of consumer protection through individual action, government control, and consumer organization. II (3)
306. Business Cycles: A study of the history; theories; business and social consequences; and proposals for control of the business cycle. II (3)

307. Methods of Teaching Economics in High School: A course designed to satisfy the State license requirement in methods of teaching economics in high school. This course is identical with course 307 in the Department of History and Political Science, and with course 307 in the Department of Sociology. I (2-3)

308. Methods of Teaching Commercial Subjects in High School: A course designed to satisfy the State license requirement in methods of teaching commercial subjects in high school. II (2-3)

Finance

310. 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. II (3)

311. Monetary Theory: 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. II (2-3)

312. 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 310. I (2)


315. Corporation Finance: An elementary study of the promotion, combination, merger, receivership, reorganization, and dissolution of corporations; and of the social problems created by the growth of the corporation as an economic institution. Prerequisite, Economics 310, and junior standing. One year of accounting is recommended. Fee, $1.00. I (3)

316. Mergers and Consolidations: A study of complex business organizations and combinations, and of their financing and relationship to government. Prerequisite, Economics 315. II (2)

317. 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; of the methods of distributing securities in the United States and abroad. Prerequisite, Economics 310 and 315. Fee, $1.00. II (3)
Labor

320. Introduction to the Study of Labor: 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. II (3)

321. Government and Labor: A detailed inquiry into the common and statutory law governing labor problems. I (3)

322. Personnel Management: A course dealing with the principles, practices, and problems involved in labor management. II (3)

Public Utilities and Transportation


331. Railway Transportation: A study of the development, service, regulation, and present economic problems of the railway industry in the United States. II (3)

332. Traffic Management I: A course dealing with traffic geography; freight classification, rates, and tariffs; loss and damage claims; and the organization and management of traffic departments from the standpoint both of carriers and of industries. II (3)

Public Finance

340. Public Finance: A study of the nature, classification, and control of public expenditures; of the various types of public revenues, with especial emphasis upon problems of federal, state, and local taxation in the United States; of the principles of public credit; of budget systems. I (3)

341. Taxation Problems: A study of the major problems existing under our present federal, state, and local systems of taxation. Pre-requisite, Economics 340. II (2)

Accounting

150. Elements of Accounting: After developing some of the basic accounting principles, a detailed study will be made of the accounting procedures used by hospitals and other institutions. Designed for majors in Home Economics and others interested in the accounting procedures used by such institutions, but does not meet the prerequisite for other courses in accounting. II (3)

250, 251. Principles of Accounting: An introduction to the proper procedure relative to the handling of assets, liabilities, and net worth; journalizing, posting, merchandising activities; partnership and corporation accounting; and introduction to the procedure of manufacturing accounting. Laboratory sets will be used. Continuous course. Open to Freshmen. I, II (3)
350, 351. Intermediate Accounting: A continuation of the work of courses 250 and 251. Includes a study of working papers, statements, actuarial science, inventories, analysis of balance sheet items, comparative statistics, ratios, etc. Prerequisite, Economics 250, 251. I, II (3)


354. Auditing: A study of the principles and practices underlying the examination and checking of accounting records. Prerequisite, Economics 353. Given only in the Evening Division. I (3)

355. Cost Accounting: A study of the allocation of costs to the departments and products of a business enterprise with a view to production control. Prerequisite, Economics 353. Given only in the Evening Division. II (3)

356. Federal Income Tax: A study of the accounting procedure and problems connected with the Federal income tax law. Wide use is made of practical problems and cases. Prerequisite, Economics 251. Given only in the Evening Division. II (3)


Marketing

360. Marketing: A study of the methods of marketing farm products, raw materials, and manufactured goods; of the middlemen involved and the functions performed by them; and of state and private regulation of marketing practices. I (3)

361. Salesmanship: A study of the modern sales organization and selling problems and practices of sales campaigns and personal selling. II (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 the history and theory of international trade, including a survey of foreign trade institutions, ocean transportation, tariff policies, and other international economic relations. I (3)

364. Purchasing I: A study of the functions, duties, organization, and position of the purchasing department in various types of businesses. I (3)
365. 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. I (2)

366. Fundamentals of Retailing: A course dealing with the principles underlying the successful operation of retail enterprises. II (2)

464. Problems of Purchasing: A study of the larger administrative problems connected with the organization and operation of purchasing departments. II (3)

Business Organization and Administration

70. Foremanship and Supervision: A non-credit course designed to aid foremen and underexecutives better to perform the duties imposed upon them by modern industry. Given only in the Evening Division. I, II (No Credit)

272, 273. Essentials of Law: The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The lectures are supplemented by a study and discussion of court cases bearing on the subject. I, II (3)

371. Industrial Management: A study of the principles and practices involved in the efficient management of industrial plants. Given only in the Evening Division. I (3)

372, 373. Business Law I and II: A course dealing with contracts, agency, sales of personal property, corporations, partnerships, negotiable instruments, suretyship, bailments, and estates in real property. I, II (3)

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

375. Life Insurance: A study of its development; of the types, policy forms, calculation of premiums and reserves; and of its economic and social aspects. Attention will also be given to old age pensions and unemployment insurance. II (2)

376. Property Insurance: A study of fire, marine, compensation, health and accident insurance, surety, corporate bonding, and the economic and social aspects of these types of insurance. I (2)

377. Social Insurance: A study of the principles, types, and problems of social insurance, including the following main topics: workers' compensation; unemployment and health insurance; old age, mothers', widows', and orphans' pensions; compulsory automobile insurance; state supervision. II (2)

472. Business Law III: An advanced course dealing with the law of partnerships and corporations; wills, trusts, and estates; bankruptcy; and insurance. Prerequisite, Economics 372 and 373. II (2)
Economic History

180, 181. Introduction to Economic History and Resources: An effort to trace in broad outline the historic evolution of economic society from the Middle Ages to the present day. Attention will be given to the influence of economic resources on territorial specialization. The latter part of the course will be devoted largely to the economic history of the United States.


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

382. 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.

Land Economics

385. Land Economics: A course dealing with the significance of nature as a factor in economic life and economic science; including a study of the characteristics and classification of land, the effect of public policies on the utilization of land, land taxation, conservation, and the pressure of population upon land resources.

386. Economic Problems of Agriculture: A course dealing with the more important economic problems of agriculture, such as production, land ownership and tenancy, finance and credit, marketing, and farm labor. Prerequisite, Economics 200 and either credit or registration in Economics 310.

Secretarial Science

The courses in Secretarial Science are recommended for students who are preparing for secretarial work or for the teaching of commercial subjects in high school.

A maximum of 9 hours of credit in Intermediate and Advanced Stenography and Intermediate and Advanced Typewriting may be accepted in fulfilling the requirements for the degrees of Bachelor of Science in Business Administration and Bachelor of Science in Journalism. No credit will be given for the elementary courses in stenography and typewriting. The non-stenographic courses may be applied toward the Bachelor of Science degree in Business Administration and in Journalism.

Stenographic Courses

190. Elementary Stenography: A course designed for those who have had no previous training in stenography.

192. Elementary Typewriting: A course designed for those who have had no training in the touch system of typewriting. Laboratory fee, $5.00.
290. **Intermediate Stenography:** A continuation of course 190. Open to students who have had one year of stenography in high school or its equivalent. I or II (2)

292. **Intermediate Typewriting:** A continuation of course 192. Open to students who have memorized the keyboard by the touch system. Laboratory fee, $5.00. I or II (2)

390. **Advanced Stenography:** A course in which the principles acquired in the earlier courses are applied in developing skill and accuracy in writing and transcribing shorthand. I or II (3)

392. **Advanced Typewriting:** A course in the acquisition of speed in typewriting and in the writing of various forms of business letters. Laboratory fee, $5.00. I or II (2)

**Non-stenographic Courses**

395. **Secretary Training:** A course dealing with the duties of a secretary as determined by present-day business procedures and practices; the traits and personal assets of a good secretary. Considerable attention is given to advanced study of filing. Enough time is devoted to dictation and transcription to enable the student to retain his proficiency. Prerequisite, Economics 390, 392. II (3)

396. **Office Management:** A study of the principles and practices employed in the successful management of offices. I (2) or (3)

397. **Office Practice:** A study of the principles of office management, general office routine, filing methods, and machines used in offices. Prerequisite, Economics 292. I (3)

398. **Business Correspondence:** A course designed to give the student systematic training in the writing of various types of business letters and interdepartmental reports and communications. Among the topics studied are the following: form and arrangement; psychological principles; special kinds of letters, such as form, introduction, reference, orders and acknowledgment of orders, credit, collection, sales, telegrams, etc.; mailing lists; mechanical devices for writing letters; and practice in dictating. II (2)

**Research**

401, 402. **Seminar:** A course in which each student will be assigned a special problem for investigation. Open to seniors and graduate students. I, II (1-2)

**II. DEPARTMENT OF JOURNALISM**

**ASSOCIATE PROFESSOR HAMMARgren**  
**ASSISTANT PROFESSOR BURCHARD**

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 broadly cultured men and women, and second to impart the special knowledge and the techniques of the newspaper office.
The Bachelor of Science degree in Journalism is designed for those who are studying journalism with professional intentions. Candidates for this degree who are preparing for editorial work are required to take at least thirty hours in social science (selected preferably 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. Stipulated work in the Department of Journalism includes courses 301, 303, 304, 306, 370, 425, 426, 431, 433, 434.

Persons primarily interested in advertising and the business phases of publishing may take a joint major which will include 20 hours of specified work in the Department of Journalism and 20 hours of specified work in the Department of Economics and Business Administration.

The Bachelor of Arts degree with a major in Journalism is offered for those carrying on their study for general and cultural values. The required journalism sequence for this degree includes courses 203 or 204, 301, 303 or 304, 306, 425, 431, 440, 446. The Department of Journalism also asks candidates for this degree to complete 30 hours of work in some other department of the University.

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 with professional intent and will be determined by a typing test to be given before the student enrols for his junior year.


203, 204. Interpreting the News: A study and interpretation of significant news of the day for the purpose of developing socially desirable newspaper habits. Attention is paid to the background which leads up to current news of economic, political, and social importance. I, II (2)

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. I (2)

[302. Elements of writing: A study of words, their meanings, usages, and relationships, with a view to broadening the working vo-
cabulary. Attention will be given also to problems of sentence structure, punctuation, and paragraphing, with particular reference to newspaper usages.

303, 304. 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, $3.00.

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.


308. Advertising Layout and Copy-writing: A study of advertising designs with special consideration to layout, type, illustrations, color, and lettering, and of the application of modern merchandising methods to the preparation of copy. Prerequisite, 307.

309. Advertising Production: A study of advertising production methods, including survey of costs and of time required to complete engravings and stereotypes. A survey of art work, Ben Day and color processes, and line plate methods will be studied. Prerequisite, either course 307 or 308.

328. Specialized Writing for Women: An examination of special problems for women in journalism and related fields. Lectures will be given by prominent women in the fields of advertising, women’s pages, society writing, book publishing, magazine writing, publicity, radio script writing, etc.

329. Critical Writing: Principles of criticism of books and plays for newspapers and periodicals. Reviews of current dramatic and literary production are written. Laboratory fee, $2.00.

342. Writing the Special Article: A study of methods of collecting material for, writing, and marketing special feature articles for newspapers and magazines.

369. Newspaper Management: A study of 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.

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.

411. 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.
415. **News Photography:** A course in the taking of and editing of pictures for publication. The student's own work will be appraised. Current methods will be studied and the student will be expected to judge news and composition values. Dark room procedure will also be studied. I (2)

425, 426. **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. Prerequisite, courses 303, 304. Laboratory fee, $4.00. I, II (4)

428. **Special Publications:** A course in editing problems in the publication of magazines, trade journals, house organs, and class publications. Prerequisites 425 and 426. II (2)

431. **Editorial Writing:** A study of contemporary problems 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, $3.00. I (3)

433, 434. **Advanced Reporting:** Analysis of city news sources and a study of legal terminology, court procedure, and governmental machinery in its bearing on the work of the reporter. The student is required to cover trials, hearings, conventions, and meetings of public bodies. Prerequisite, courses 303, 304. Laboratory fee, $2.00. I, II (2)

440. **Press and Public Opinion:** The role of the newspaper and other media of communication in the formation of public opinion. The newspaper and government. Pressure groups and propaganda. II (3)

446. **The Newspaper As an Institution:** An analysis of modern newspaper problems such as the changes effected by the development of radio, news photography, and the Newspaper Guild. The importance of news interpretation. A consideration of questions currently before publishers. II (3)

[452. **Journalism Research:** Assigned problems calling for sustained investigative effort. Methods of research, use of statistics, preparation of bibliographies, and evaluations of evidence are studied. II (2)]
THE DIVISION OF GRADUATE INSTRUCTION
The Division of Graduate Instruction

GRADUATE COUNCIL

HENRY LANE BRUNER, Ph. D., Director of Graduate Instruction, Head of the Department of Zoology, and Professor of Zoology.

JOHN SMITH HARRISON, Ph. D., Head of the Department of English and Professor of English.

FREDERICK D. KERSHNER, A. M., LL. D., Dean of the Graduate College of Religion and Professor of Christian Doctrine.

JAMES WILLIAM PUTNAM, Ph. D., President of the University and Professor of Economics and Business Administration.

GINO ARTURO RATTI, Ph. D., Dean of the College of Liberal Arts and Sciences, Head of the Department of Romance Languages and Professor of French.

WILLIAM LEEDS RICHARDSON, Ph. D., Dean of the College of Education and Professor of Education.

IRVIN T. SHULTZ, Ph. D., Associate Professor of Education.

INTRODUCTORY STATEMENT

The Graduate Council is composed of heads of departments who are interested in the promotion of graduate work and whose courses are approved for graduate credit. The Director of Graduate Instruction is chairman of the Graduate Council, which is the legislative and executive body of the Division of Graduate Instruction. The Council prescribes the qualifications of all teachers who offer graduate work and must approve all courses which may be taken for graduate credit. The Council elects its own members, subject to the approval of the President of the University.

The Graduate Faculty consists of heads of departments and teachers whose courses are approved by the Graduate Council, except that no instructor shall be so recognized, nor any assistant professor who does not hold the degree of Doctor of Philosophy.

The Division of Graduate Instruction grants the degree of Master of Arts or Master of Science to candidates from the College of Liberal Arts and Sciences, and the degree of Master of Arts to candidates who complete certain non-professional studies in the College of Religion, the College of Education, and the College of Business Administration.

REQUIREMENTS FOR MASTERS' DEGREES

The degree of Master of Arts or Master of Science is conferred on applicants who hold corresponding baccalaureate degrees and who meet the requirements stated below. If the student does not hold a degree from a standard institution, he must meet the conditions of graduation in Butler University before his application will be approved.

1. Registration

All candidates for degrees in the Division of Graduate Instruction must register both with the University Registrar and with the Director
of the Division of Graduate Instruction. Registration blanks may be obtained in the office of the University Registrar.

Any student who holds a Bachelor's degree from a standard institution may register as a graduate student and take courses for which he is prepared, but such registration does not admit him to candidacy for a degree.

2. Admission to Candidacy

a. The applicant must, before he is accepted as a candidate for a degree, present credits for at least 20 hours of undergraduate work in the field of his major interest. If his undergraduate preparation is inadequate, the deficiency must be made good by taking special designated courses which will not be counted for graduate credit.

b. The applicant must arrange a program of graduate work under the direction of the head of his major department.

c. The applicant must present to the Director of Graduate Studies his request to be admitted to candidacy for the degree desired, together with credentials of the work done for his baccalaureate degree. A special blank, which may be obtained from the Registrar, must be used for this application. It shall be returned to the Director of Graduate Studies not later than two months after work begins, at which time the application must be approved by the major professor and by the Graduate Council.

3. General Requirements for all Masters' Degrees

a. The candidate must complete at least 30 hours of advanced work in courses numbered 300 or above, approximately 20 of which shall be chosen from the field of major interest, the remainder from a related field of minor interest. In particular cases recommended by the major professor and approved by the Graduate Council, a larger part of the work may be taken in the major department.

All courses selected must be approved in advance by the major professor, and courses taken as a minor must be approved by the head of the department concerned.

b. A grade of "B" or above is required in all graduate work.

c. The following will not be accepted for graduate work: (1) work done by the candidate as an undergraduate student; (2) courses in the lower division.

d. Evening Courses, approved by the Graduate Council and the head of the department concerned, may be taken for graduate credit, but not more than 12 hours may be taken without permission of the Graduate Council.

e. A thesis is required. Not more than 3 hours of credit will be allowed for the thesis unless permission to that effect is given by the Graduate Council. The candidate must include the thesis in his schedule and must pay the regular fee for each hour of credit received.

The subject of the thesis must be chosen in the field of major interest and must be submitted to the major professor and the Graduate Council not later than three months after the student begins his grad-
graduate work, or in case of a part-time student, when his work is one-third complete. The thesis must be presented to the council in its final form at least thirty days before the date of examination.

If the thesis is accepted, three typewritten copies, including one copy in prescribed form for the university library, must be presented to the Graduate Council at least two weeks before the final examination. The cost of binding the library copy must be paid by the candidate before the degree is conferred.

A pamphlet containing more detailed directions for the preparation of the thesis may be obtained at the University Bookstore.

f. Time Requirements. Under favorable conditions the work for the Master's degree, including the thesis, may be completed in one year. If the work is done in summer sessions only, four summers will usually be required, but by special arrangement, the work may be completed in three regular summer sessions and one post-summer session. The requirements for the degree must be completed in all cases within five years from the date of beginning graduate work.

g. Examination. The candidate must present himself, at a date and hour to be announced, for an oral examination on his graduate work, including the thesis. The examination shall be conducted by a committee consisting of members of the major department and at least three members from other departments. A member of the Graduate Council shall act as chairman during the examination. Any member of the Graduate Faculty may attend and take part in the examination. However, in the final vote to determine the status of the candidate only the members of the Graduate Council and the head of the major department, or his representative, shall participate.

h. No graduate student shall carry more than 17 hours, including credit for thesis, in any semester, and not more than 9 hours in any summer session, nor more than 3 hours in a post-summer session.

4. Additional Requirements for Certain Degrees

a. Master of Arts: The applicant for this degree should hold the degree of Bachelor of Arts, and 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.

A student who holds the degree of Bachelor of Arts from a standard institution and the degree of Bachelor of Divinity from the Butler College of Religion may receive credit for as many as 15 hours toward a Master's degree, provided the courses offered are listed in the Graduate Bulletin. A student who has received the degree of Bachelor of Divinity but does not hold the Bachelor of Arts degree from a standard institution will not be accepted as a candidate for the degree of Master of Arts.

Other requirements for the degree of Master of Arts are given in 2 and 3 above.
Courses leading to the degree of Master of Arts are listed below in the sections devoted to the four colleges: Section A including courses in the College of Liberal Arts and Sciences; Section B, courses in the College of Religion; Section C, courses in the College of Education; and Section D, courses in the College of Business Administration.

b. **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 Council permit the candidate to take a larger part of the required work in the major department.

Other requirements for this degree are included in the general requirements given under 2 and 3 above.

**FEES AND EXPENSES**

Instruction Fees for Graduate Students:

<table>
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<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Per Credit Hour</td>
<td>$6.25</td>
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<tr>
<td>Student Activity Fee, per semester</td>
<td>3.50</td>
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(Unless fees are paid in full at the beginning of the semester, there will be a carrying fee of $2.00.)

Laboratory fees are the same as for undergraduate courses, and are payable strictly in advance.

Fees for evening and summer courses are given in the Bulletins announcing these courses.

**COURSES OF INSTRUCTION**

**A. THE COLLEGE OF LIBERAL ARTS AND SCIENCES**

<table>
<thead>
<tr>
<th>Section</th>
<th>Subject</th>
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<tr>
<td>I.</td>
<td>Botany</td>
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<td>II.</td>
<td>Chemistry</td>
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<td>III.</td>
<td>Classical Languages</td>
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<td>IV.</td>
<td>English</td>
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<td>V.</td>
<td>German</td>
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<td>VI.</td>
<td>History and Political Science</td>
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<td>VII.</td>
<td>Mathematics</td>
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<td>VIII.</td>
<td>Philosophy</td>
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<td>IX.</td>
<td>Physics</td>
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<td>X.</td>
<td>Romance Languages</td>
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<td>XI.</td>
<td>Sociology</td>
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<tr>
<td>XII.</td>
<td>Zoology</td>
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</tbody>
</table>

**I. BOTANY**

**Professor Friesner**

**Assistant Professor Palmer**

**Assistant Professor Potzger**

Candidates for the Master's degree in botany must present a minimum of 24 hours' undergraduate work in botany and must complete at least 30 hours of work carrying graduate credit. Graduate credit is given for courses numbered above 340. All candidates must complete one course numbered above 500, for which a maximum of 7 hours' credit may be earned.
[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.

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.

354. Algae: A course planned 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. Prerequisite courses 101, 102. Fee, $1.00 per hour of credit.
Mr. Palmer.

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, hypotheses, 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. Also given in the Division of Evening Courses.
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 students of agriculture and forestry, for those who expect to teach, and for major students. Three recitations and 9 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 plant succession. Field and laboratory work deals with the aims and methods of ecological investigation. Three recitations and 6 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
368. **Comparative Microscopy**: A course dealing in a comparative way with molds and other common micro-organisms, with cell inclusions, macerated tissue-fragments, pollen, and wood; including the microscopic analysis of canned foods, dairy products, adulterants, and lumber. Two lectures and 3 to 9 hours laboratory work per week. Prerequisites, 10 hours laboratory science, preferably botany 101, 373, and 375. Fee, $7.50.

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 at least one of the following: 302, 303, 304, 307. Fee, $1.00 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.

373. **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 per week. Prerequisite, courses 101 and 102, or zoology 101 and 102, or chemistry 101 and 102. Also given in the Division of Evening Courses.

Mr. Palmer.

375. **Microbiology**: Laboratory work accompanying course 373. Nine hours laboratory work per week. Fee, $10.00.

Mr. Palmer.

401. **Mosses**: Identification of the mosses of North America. Special attention is given to principles of classification, key construction, and ecological significances and relationships. This course is primarily for seniors and graduate students. Six hours of laboratory work per week. Prerequisite, courses 101, 102 and at least one of the following courses: 302, 303, 304, or 307. Fee, $1.00 per hour of credit.

Mr. Potzger.

[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. Prerequisite, courses 101, 102, 304, and preferably 364.

Mr. Friesner.

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.

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

II. CHEMISTRY

PROFESSOR SHADINGER
ASSOCIATE PROFESSOR MEANS

By special arrangement, courses 412 to 512, inclusive, will be expanded to meet the needs of graduate courses.

412. 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) electroanalysis (2); (e) organic analysis (2); (f) gas analysis (2). Prerequisite, courses 407, 408. (Credit, 2 hours or more.)

408, 410. Physical Chemistry: A course recommended to students majoring in chemistry. Two lecture periods and one laboratory period of three hours per week each semester. Prerequisite, courses 407, 408, one year of college physics, differential and integral calculus. II (3)

411. Organic Preparations: A laboratory course requiring 3 hours work for each hour of credit. Prerequisite, course 304, and preferably course 408. (Credit, 2 hours or more.)
Mr. Means.

511, 512. Special Courses: Students who have adequate preparation and who show qualifications may be assigned special work along lines of advanced problems of analysis, synthesis, or theory.
Mr. Shadinger.

The laboratory fee is $10.00 for each course, payable in advance. Extra charges are made for breakage, damage to apparatus, and the more expensive chemicals.

III. CLASSICAL LANGUAGES

PROFESSOR GELSTON
PROFESSOR MACDONALD

Graduates may be admitted to certain senior courses for graduate credit after giving evidence of adequate preparation. The
written permission of the head of the department must be secured before registration. Ordinarily, a full Latin major (30 hours) or at least 20 semester hours in college Latin that was accepted for the A. B. degree will be required for graduate work in Latin, and two years in Greek in college will be a minimum prerequisite for graduate study of Greek. Graduate students will be required to complete an assigned program in addition to the regular work of the class and to maintain a grade of not less than "B" in any class. The number of graduates will be limited in accordance with the facilities of the department and of the library.

Subject to the foregoing conditions, the following courses may be taken for graduate credit:

[307, 308. Greek Tragedy: A study of the Greek theatre, of the presentation of plays, of the origin of tragedy, and of the tragic themes of the great dramatists. I, II (3)]

309, 310. Herodotus and Thucydides: A study of 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: A review of the fundamentals of Greek grammar by actual practice in writing. I (2)]

320. Selections from Greek Papyri: A study of typical papyri in relation to linguistic features and to understanding of life in the Graeco-Roman world. Prerequisite, courses 101 and 102 (or other elementary courses in classical Greek) and 315 or 319. II (2)

S314. Latin Prose and Verse: Selections from all more important authors. A survey of the history of Latin Literature. (3)

[S315. Latin Literature in Translation: A study of the historical development and of literary influence. (3)]

[332. History of Latin Literature from the Earliest Times to the Fourth Century A. D.: Lectures and reports, reading of textbook, and of selections in translation. II (2)]


343. Cicero, De Officiis I and Selections: Reading and interpretation to be accompanied by a study and comparison of the dominant systems of thought in the Ciceronian age. I (3)

344. Vergil, Aeneid VII-XII: A rapid reading of the last six books of the Aeneid with a study of special topics. The rise of the Roman epic with its culmination in the Aeneid. II (3)

[S45. Vergil, The Eclogues and Georgics: Reading and interpretation of selections. Study of Vergil's life and the development of his art. I (3) ]
[346. Horace and Juvenal: Reading and interpretation. Comparison of two great satirists and a study of the development of Roman satire. II (3)]

[347. Lucretius, De Rerum Natura (Selections): Study of Epicurean philosophy, the atomic theory in antiquity and its relation to modern concepts. I (3)]

IV. ENGLISH

Professor Harrison
Associate Professor Stewart
Acting Associate Professor Fisher

Candidates for the Master of Arts degree taking English as a major subject must have at least 30 hours of English undergraduate work acceptable to the head of the English department. Before entering upon their work they should personally consult the head of the English department to secure his consent.

The courses in English are arranged to meet the needs of two classes of students: first, those that are able to pursue their work in the morning hours and in the afternoon throughout the academic year; and, second, those that are able to combine summer school work with work in the afternoon over a series of years.

325. Contemporary Drama. I (2)
329, 330. Nineteenth Century Literature (1798-1832). I, II (5)
331, 332. The English Novel. I, II (2)
334. Types of Drama. II (3)
335, 336. English Drama. I, II (3)
337. Shakespeare. I (3)
338. Milton, Gray, and Arnold. II (3)
349. Chivalry in English Literature. II (2)
352, 353. The "Character" in English Literature. I, II (3)

S401. Elizabethan Drama (Exclusive of Shakespeare): A study of the Comedy of Humours and the Psychological Drama. Main emphasis to fall on the work of Ben Jonson, Beaumont and Fletcher, Webster and Ford.

Miss Stewart. (3)

E402, E403. Classical Drama in English Literature: A study of the dramatic work of Milton, Shelley, Swinburne, Arnold; of the Senecan drama of the Elizabethan Age; of the influence of the ethical and religious ideals of classical Greek drama upon the work of George Eliot and Thomas Hardy.

Mr. Harrison. I, II (2)
E404, E405. Humanism in English Literature: A study of the Philosophical backgrounds of the work of Spenser, Milton, and Marlowe. Mr. Harrison. I, II (2)

S406. English Lyrical Poetry of the Sixteenth Century: A study in literary tendencies and literary forms. Miss Stewart. (3)

E408, E409. Shakespeare: Advanced studies of problems arising out of Shakespeare's use of the so-called "sources" of his plays and out of his relations to the dramatic literature of his age; as well as of problems growing out of the conflicting theories of interpretation to which his plays have been subjected. Mr. Harrison. I, II (2)

E410, E411. The Arthurian Legend: A study of the development of the Arthurian legend from its origin up to the fifteenth century. Mr. Harrison. I, II (2)

S412. History of the English Language: A survey of the main movements in the development of the English language. Mrs. Fisher. (3)

V. GERMAN

Professor Baumgartner

Students must have had at least the first three years of German (26 hours), or its equivalent, before doing graduate work, and 30 hours of graduate work are required for the degree of Masters of Arts. The courses listed below are offered in alternation. Others will be added later as needed.

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, critical, and aesthetical 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: From the beginning to the sixteenth century. Besides reading some of the early epics, such as Das Waltharlied, Das Nibelungenlied, Parzifal, Konig Rother, and Der Arme Heinrich. Franke's History of German Literature will be used as a guide. Lectures, readings and reports. I (2-3)]

419. Faust: The Faust saga from its beginning will be studied with special emphasis on the Faustbuch and Marlow's Doctor Faustus. The genesis of the writing of Faust will be dealt with in lectures. Faust Part I will be read and interpreted in class; Part II will be discussed in lectures. II (2)
421. **Hauptmann and Sudermann**: Lectures and readings on the literary movements just prior to Hauptmann and Sudermann as well as the contemporary literary movements of these authors. Representative works of these two authors will be read and discussed.

II (3)

422. **Heine**: The political and social conditions of Heine and his times will be discussed in lectures and assigned readings. The lyrics, Reisebilder, literary and political criticisms of the author will be read and discussed.

II (3)

423. **Lessing's Laokoön**: A study of the treatise on the limits of poetry and the plastic arts.

II (2)

VI. **HISTORY AND POLITICAL SCIENCE**

† **Professor Haworth**  
**Associate Professor Peeling**  
**Assistant Professors Beeler and Martin**  
**Mr. Isom**

The Department of History and Political Science is prepared to care for students wishing to take courses leading to the degree of Master of Arts.

In addition to the books in the Butler library, students have access to those in the Indianapolis Public and State libraries. Our research workers have within easy reach more volumes than are available at any other institution in Indiana.

Students contemplating work for a higher degree should consult with the head of the department. The eligibility of a student to enroll in a particular course will be determined by the professor in charge of the course.

**History**

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

I (2)]

309. **The Renaissance, 1300-1600**: The transition from the medieval to the modern world.  
Mr. Beeler.

II (2)

[310. **Medieval Civilization**.  
Mr. Beeler.

II (3)]

312. **French Revolutionary and Napoleonic Era**.  
Mr. Beeler.

II (3)

[313. **Eighteenth Century France**.  
Mr. Beeler.

I (3)]

[315. **English Constitutional History**.

I (3)]

† Deceased, March 24, 1938.
317. International Relations.
Mr. Beeler. I (3)

Mr. Beeler. I (3)]

[321. 20th Century European History: A study of European history in the last generation, with special attention to the World War, the peace settlement of 1919-1920 and reconstruction in the leading countries.
Mr. Beeler. I (3)]

[324. 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. II (3)]

326. Recent American History: A study of the period since the Civil War, with emphasis upon contemporary problems and events.
Mr. Peeling. II (3)

[329. Economic History of Modern Europe.
Mr. Beeler. I (3)]

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

Mr. Beeler. I (3)]

Mr. Peeling. I (3)]

[335. Recent British History.
Mr. Peeling. I (2)]

[339. The British Empire.
Mr. Peeling. (3)]

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

342. The Middle Period: A study of the half century preceding the Civil War.
Mr. Isom. I (3)

[345A, 345B. Social and Intellectual History of the United States.
Mr. Peeling. I, II (3)]

[346, 347. The West in United States History.
Mr. Peeling. I, II (3)]

427, 428. Seminar.
Mr. Beeler. I, II (2)
THE DIVISION OF GRADUATE INSTRUCTION

POLITICAL SCIENCE

301. Comparative Government: The main governments of western Europe are studied and compared with each other and with the government of the United States.
Mr. Martin. II (3)

336. International Law: A study of the fundamental principles of international law and the institutions and problems of international society today.
Mr. Martin. II (3)

Mr. Martin. I (3)

338. Public Administration: A study of the administrative branch of American government, with special emphasis upon its organization and personnel.
Mr. Martin. II (3)

Mr. Haworth. I (3)

343. Constitutional Law: A study of the most important decisions of the Supreme Court of the United States, and a brief survey of American constitutional history.
Mr. Martin. I (3)

350. American Foreign Policy: A historical survey of American diplomacy from the time of the Revolutionary War to the present.
Mr. Martin. II (3)

VII. MATHEMATICS

ASSISTANT PROFESSORS BEAL AND GETCHELL

The Department of Mathematics offers 24 hours of work which may be taken as a minor for either a Master of Arts or a Master of Science degree.

Courses numbered above 340 carry graduate credit, provided the student applies for such credit at the time of registration.

331. Vector Analysis: An introductory course in the technique and application of vector methods. Prerequisite, course 302. I (3)

335. Solid Analytic Geometry: A study of the co-ordinate geometry of curves and surfaces in three-dimensional space. Prerequisite, course 302. I (3)

353. Synthetic Projective Geometry: A study of projective properties and methods of pure geometry. The principle of duality, theorems
on poles and polars, projective correspondences and their uses in the development of conic sections are studied. Prerequisite, course 302. I (3)

355. Theory of Equations: A course devoted to the general properties of equations, determinants, transformations, symmetric functions, and the complex variable. Prerequisite, course 302. I (5)

[357, 358. 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. Continuous course. Prerequisite, course 302. I, II (2)]

359, 360. Advanced Calculus: An introductory course in mathematical analysis, dealing with functions of one or several variables, Taylor's expansion, definite, improper, and multiple integrals, and infinite series. Prerequisite, course 302. I, II (3)

VIII. PHILOSOPHY

PROFESSOR JORDAN

Because of limited facilities, the courses in philosophy that are available to graduate students are intended only as minor work for students who have elected a major in some other department.

305. History of Philosophy: A study of the history of ancient and medieval philosophy. Prerequisite, sophomore standing. I (3)

306. History of Philosophy: A study of the history of modern philosophy. II (3)

[307. Philosophy Since Kant: The history of philosophy from Kant to the present time. Prerequisite, courses 305, 306. II (2)]

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, upper division standing. II (2)

316. Aesthetics: A study of the experience of the beautiful and of the objective phenomena of beauty. Prerequisite, upper division standing. I (3)

507, 508. Philosophical Classics: The reading and discussion of selected works, with emphasis on the formulation in language of philosophical thought. Prerequisite, courses 305, 306. I, II (2)

[528. Kant: Reading of the author's works in English translation. Prerequisite, courses 305, 306. I (2)]

530. Recent Philosophy: A course on some recent contribution to philosophy. Prerequisite, courses 305, 306, and senior standing. II (2)
IX. PHYSICS

PROFESSOR ELLIOTT

Physics 305, 306, Electricity and Magnetism, 10 hours credit, will be offered as a minor towards a Master's degree. This course consists of a theoretical discussion concerning electricity and magnetism. Calculus is prerequisite.

[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, $4.00. I, II (5)]

301, 302. Theory of Mechanics: Lectures. Prerequisite, courses 101, 102 and Calculus. I, II (3)

401, 402. Theory of Sound: Prerequisite, courses 101, 102 and calculus. I, II (2)

X. ROMANCE LANGUAGES

PROFESSOR RATTI

PROFESSOR WESenberg

ASSISTANT PROFESSORS ALDRICH AND RENFREW

Owing to a lack of facilities and to the pressure of other work upon the members of the teaching staff, the department of Romance Languages does not encourage students to do graduate work in this field. However, in exceptional cases, such work may be arranged. Prospective candidates for the Master's degree in French or Spanish must consult the head of the department a sufficient length of time in advance to permit such arrangements to be made.

FRENCH

[301, 302. Advanced French Grammar: Presents a functional analysis of the major phenomena of French grammar. Such analysis seeks to give the students a comprehensive view of the structure of the French language as a whole. Prerequisite, 151, 152 and 131, 132. This work must have been done with at least an average of 1.5 grade points. I, II (3)]

331, 332. Advanced French Composition and Conversation: 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. I, II (3)

341, 342. French Pronunciation and Diction: A course intended to develop fluency and accuracy of pronunciation in the speaking and oral reading of French. The first semester will be devoted largely to a phonetic basis for correcting faulty pronunciation. The second semester will be given over to actual practice in the reading of a wide variety
of material. Effort will be made to correlate the oral interpretation with the literary merits of the passages to be read, as well as with their meaning. For prerequisite, consult the instructor. I, II (2)

[361, 362. Seventeenth Century French Literature: Lectures in French. For advanced students only. Prerequisite, 20 hours of college French or the equivalent. I, II (2)]

371, 372. French Romanticism: Lectures in French, reading assignments, written reports, quizzes. For advanced students only. Prerequisites, 20 hours of college French or the equivalent. I, II (2)

[381, 382. French Novel: A course designed to trace the growth of the novel as a form of literature and its various transformations. Prerequisite, 20 hours of college French or the equivalent. I, II (2)]

391, 392. Literature of the French Renaissance: A study of the whole movement of the Renaissance as reflected in letters. Particular attention will be given to Marot, DuBellay, Ronsard, Rabelais, and Montaigne. Prerequisite, 20 hours of college French or the equivalent. I, II (2)

SPANISH

331, 332. Advanced Composition and Commercial Spanish: Composition, conversation, commercial correspondence, and a study of Spanish daily life. Prerequisite, 20 hours of college Spanish or the equivalent. I, II (3)

[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 19th Century: Development of the Spanish novel from the "costumbristas" to the "generación de 1898." Lectures and reports. Extensive reading. For advanced students only. Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312 or 331. I (3)

352. The Drama of the 19th Century: Development of the Spanish drama from Martínez de la Rosa to Benavente. Lectures and reports. For advanced students only. Prerequisite, Spanish 311, 312 or 331, 332. This course may be taken simultaneously with 311, 312 or 331. II (3)

XI. SOCIOLOGY

ASSOCIATE PROFESSOR PEELING

On account of the lack of equipment, this department prefers to offer only a minor in sociology. Only in exceptional cases will a candidate be accepted for a full major in this field.

311, 312. Social Problems: A study of modern social problems in the United States. Problems of democracy, labor problems, and problems of the family. Prerequisite, Sophomore standing. I, II (2)
313. Race Problems: A course dealing with the concept of race, the inequality of races, race consciousness, conflict and rapprochement. Population problems, colonization and immigration, composition of the American population, the non-European elements in our population. Prerequisite, course 301.

330. Criminology: A study of crime as a social phenomenon and the causes and treatment of crime. Origin and evolution of legal punishment, the penal code and methods of punishment, history of the prison system, probation, and parole. Prerequisite, 301. I or II (3)

[332. Latin American Civilization: A course dealing with the social patterns of Spain, colonial policy of Spain; Latin-American wars of independence, political philosophies, and problems of federalism. The Monroe Doctrine, Pan-Americanism, etc. Prerequisite, course 301. I or II (3)]

334. History of Social Thought: A study of the social patterns of the Near East, Greece and Rome, the Middle Ages, which have affected American social patterns. Prerequisite, Junior standing. II (2)

336. Rural Sociology: A study of rural life in America; rural population, farm relief, rural standards of living, leadership, and the town and country relationships. Prerequisite, Junior standing. II (2)

337. Urban Sociology: A study of the origin of urban life; forces which have created the modern city, the genesis and development of modern city problems, problems of social control. Prerequisite, Junior standing. I or II (3)

340. History of Sociology: A study of the historic development of sociology in the United States. Prerequisite, courses 301, 303. Senior standing. II (2)

342. Immigration and Americanization: A study of the different waves of immigration into the United States, of the factors promoting this immigration, and of the problems arising therefrom. II (3)

[344. American Political and Social Reformers: A study of American personalities conspicuous for their political and social ideas. II (2)]

345A, 345B. Social and Intellectual History of the United States: A study of social and intellectual movements and forces which have given shape to American institutions. This course is identical with course 345A, 345B in the Department of History. I, II (3)

346. Recent Social Trends: An analysis of recent social trends based upon the report of the President's Commission on Social Trends. I (3)
Candidates for admission to graduate work must offer 25 to 30 hours of zoology and 10 hours each in botany, chemistry, German and French.

303. Histology of Vertebrates: Lectures, 2 hours. Laboratory, 6 hours per week. Fee, $6.00.  
II (5)

304. Embryology of Vertebrates: Prerequisite, courses 101, 102. Lectures, 2 hours. Laboratory, 6 hours weekly. Fee, $6.00. A breakage deposit of $10.00 must be made 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, $7.50.  
I (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. Lecture, 1 hour. Laboratory, 4 hours; time to be arranged. Fee, $6.00.  
II (3)

[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)]

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.  
II (2)

320. Zoological Literature: Open to students who are taking advanced courses. Credit by special agreement only. I, II (1)

501. Research in Comparative Anatomy: Hours and fees to be arranged.  
Mr. Bruner.

502. Research in Embryology: Hours and fees to be arranged.  
Mr. Bruner.

503. Research in Cytology: Hours and fees to be arranged.  
Mr. Pearson.

504. Research in Taxonomy: Hours and fees to be arranged.  
Mr. Pearson.

506. Research in General Physiology: Hours and fees to be arranged.  
Mr. Nester.
B. THE COLLEGE OF RELIGION

Candidates for the degree of Master of Arts may take a major in one of the departments of the College of Religion with a minor in one of the other colleges; or, by special arrangement, approved in advance by the College of Religion and the Graduate Council, 30 hours may be taken in the College of Religion. Courses which may be taken in the College of Religion to meet the requirements are given below.

**Christian Doctrine**

**DEAN KERSHNER**

**501. Christian Ethics:** The ethical basis of the religion of Christ in its relations to individual and social welfare. The three basic Christian ideals; practical applications of the theoretical principles involved. The field which Christian ethics occupies in the general area of moral endeavor. Lectures with discussions and suggested reading. I (4)

**502. 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. Problems of eschatology in general. II (4)

**503. Principles of Christian Freedom:** A study of the ultimate ethical ideal of Christianity. Utopias of the past contrasted with the Gospel and Pauline teaching concerning the Kingdom. Freedom as the ultimate goal of human endeavor. I (4)

**504. Christian Institutions:** A study of the institutional side of Christianity, including the essential characteristics involved in the nature and structure of the church. Underlying philosophy of the organization and the various types of its expression in modern history. II (4)

**529, 530. History of Theology:** The history of the rise, progress, and development of Christian thought from the New Testament period down to the present time. The first semester is devoted to the period prior to the Reformation and the second semester to the progress of thought since that event. I, II (4)

**539. Theism:** Different theories of the Divine Nature with a careful analysis of each position and some reasons for accepting the theistic hypothesis. I (2)

**540. The Implications of Theism:** The necessary implications of the theistic interpretations of the universe. The problems of freedom, immortality, sin and evil as they relate themselves to the theistic position. II (2)

**547. Seminar in Modern Theology:** The theological implications of the work of Boodin, Brightman, Wieman, and Whitehead, with an
analysis of some of their most important works. Open only to graduate students whose applications have been approved by the director of the seminar.

[548. Seminar in Theology: Theological humanism from the days of Erasmus to the present time. Special investigation of current theories in this field. Open only to graduate students whose applications have been approved by the director of the seminar. I (2)]

561, 562. Studies in Dogmatics: Interpretation and criticism of the leading dogmas in Christian Theology. Special attention given to the doctrines of the Trinity, the Incarnation, the Atonement, and other questions of doctrine in the light of the latest research and investigation. I, II (2)

563, 564. Disputed Problems in Exegesis, Graduate Seminar: A study of difficult passages of Scripture with special reference to the light thrown by modern research upon the problems involved. Different material will be used from year to year. I, II (2)

Church History

Professor Walker


521, 522. Seminar in Church History: Open only to students presenting advanced courses in church history as prerequisites. I, II (2)


New Testament

Professor Bruce Kerschner

513. An Expository Study of the First Epistle to Corinthians: The historical background of the epistle; an analysis of its contents; a careful reading of the book with corrections based on the Greek text. I (2)

[514. An Expository Study of the Epistle to Galatians: A treatment of the Galatian epistle in a manner similar to that of First Corinthians in course 513. II (2)]
[515. An Expository Study of the Epistle of the Romans: A treatment of the Roman epistle in a manner similar to that of First Corinthians in course 513.

516. An Expository Study of the Epistle to the Hebrews: A treatment of the Epistle to Hebrews in a manner similar to that of First Corinthians in course 513.

[541. Readings in Greek New Testament: Sight readings selected from the Gospels with a view to familiarizing the student with the rules of grammar and interpretation.

[542. Readings in Greek New Testament: Similar to course 541 with selections chosen from the epistles.


565, 566. Roman Imperialism and Christianity: The emergence of imperialism out of the corruption of the republic. The civil wars: changes social, economic and political which resulted. The emperor and the state; decline of the old religion; influx of cults from the east. Emperor worship. The historic conditions under which Christianity made its first advance into the empire.

Christian Ministries

PROFESSOR HOLMES

505, 506. Seminar in Philosophy of Religion: An advanced course for the discussion of special problems in the philosophy of religion; assigned readings; reports; papers. Open only to qualified students.

Semitic Languages and Literature

PROFESSOR NAKARAI
RABBI FEUERLICHT

[401, 402. Elementary Hebrew: A concentrated inductive study of the Hebrew language leading to the acquisition of a working vocabulary, a knowledge of the grammatical principles, and the ability to use them in Semitic studies. Continuous course. Not open to students who have received credit for 403, 404.]
403, 404. Hebrew: Elementary Hebrew, and additional reading in the Masoretic Text with special attention to syntax. Continuous course. Not open to students who have received credit for 401, 402.
I, II (4)

441. Introduction to the Talmud: A critical study of the principles of Jewish thought and life as revealed in the Talmud, leading to an intelligent appreciation of the Jewish faith.
I (1)

452. Jewish Customs and Institutions: An historical examination of Jewish customs and institutions with attention to their theoretical and actual significance.
II (1)

503, 504. Hebrew Reading: Rapid reading of selected portions of the Hebrew Old Testament with special attention to the grammatical principles.
I, II (3)

[505, 506. Aramaic: Studied from fully vocalized Aramaic portions of the Old Testament with use of related material in the inscription and papyri.
I, II (3)]

[513, 514. North Semitic Inscriptions: Reading of Hebrew, Aramaic, Moabite, Phoenician, and Nabataean inscriptions. Epigraphic studies will be made where possible.
I, II (3)]

[531, 532. Advanced Old Testament History: An historical examination of the contents and growth of the Old Testament from the earliest times to the close of the canon.
I, II (4)]

551, 552. Old Testament Prophecy: An examination of each book of major and minor prophets, leading to an intelligent understanding of individual messages, and of their historical background.
I, II (2)

[555, 556. Religions of Ancient Egypt and Mesopotamia: A concentrated study of the religious phenomena in these parts of the world based chiefly upon archaeology. The value of this study in its bearing upon the Old Testament will be emphasized.
I, II (1)]

571, 572. Critical Introduction to the Old Testament: A critical study of the main problems of the individual Old Testament texts with a discussion of methods by which these problems may be solved.
I, II (2)

I, II (2)]

[591, 592. Seminar: A research course. A study of some one of the Semitic languages as requested by properly qualified applicants.
I, II (2)]

595, 596. Seminar: A research course. A study of some one of the Old Testament problems as requested by properly qualified applicants.
I, II (2)

NOTE: According to the demand of the students, a course in one of the Semitic languages, listed above, may be substituted for one of the courses scheduled for 1938-1939.
C. THE COLLEGE OF EDUCATION

DEAN RICHARDSON
ASSOCIATE PROFESSORS CARLILE, MOCK, SHULTZ

The requirements for the degree of Master of Arts may be satisfied by a selection of courses in the College of Education.

For a major in Education, the requirement of 20 hours may be satisfied by taking the following courses: History of Education, 411 or 412, 3 hours; Philosophy of Education, 511, 3 hours; Comparative Education, 512, 3 hours; Educational Research, 641, 3 hours; Psychology, 461, 3 hours; Administration, 3 hours, to be selected from courses 543, 544, 545, 546, 547; thesis, 2 or 3 hours.

The remaining 10 hours may be elected from graduate courses in the College of Education, or from another field of graduate study. If elected in Education, the following courses may be taken to meet this requirement: Evolution of Educational Theories, 413, 3 hours; Social Aspects of Education, 414, 3 hours; Mental Hygiene, 462, 3 hours; Mental Tests and Measurements, 467, 3 hours. If elected in another field than Education, the courses taken must be approved by the Dean of the College of Education and by the head of the department concerned.

411. History of Education: A study of the growth and development of education and its relation to the civilization of the times. Special emphasis on the social, religious, economic, and political forces which have caused changes in the schools and which have determined the evolution of our philosophy of education. I (3)

412. History of Education in the United States: A course dealing with the rise and development of both public and private education in the United States. Particular attention to those factors, social, economic, political, and religious, which have affected the development of education. II (3)

413. Evolution of Educational Theories: A course tracing the changing theories relative to discipline, education of girls, the teacher, the learning process, and similar topics. Reference to early and to recent writers, with emphasis on "progressive" tendencies. I (3)

414. Social Aspects of Education: A study of the relation between the principles of education and the problems of society, stressing social participation rather than individual development. I or II (3)

461. Animal and Human Learning: A description, analysis, and comparison of animal and human learning from experimental evidence resulting from laboratory investigations. II (3)

462. Mental Hygiene: A course dealing with the care and treatment of abnormal behavior in children and adults. Individual cases will be reported and studied. I (3)
467. Mental Tests and Measurements: A course dealing with the chief facts of normal physical and mental development, making them the basis for study of minor differentiations, with borderline cases and abnormal children. I (3)

[511. Philosophy of Education: A course consisting of lectures, collateral readings, and discussions, intended to give a coherent review of the fundamental philosophy which should guide and direct educational practice. II (3)]

512. Comparative Education: Lectures, readings, and discussions of school systems with special reference to Great Britain, France, Germany, China, Japan, and South America. The ideals which dominate these educational systems, and comparisons with the school system of the United States. II (3)

543. Public School Administration: A course designed for students planning to take administrative positions in public school systems. It is designed to acquaint the student with sources and typical examples of the literature of school administration, outstanding problems in the field, and methods of handling these problems. I (3)

544. Elementary School Administration: A course consisting of lectures, discussions, readings, and reports on such topics as a daily program of studies; length of class periods; problems of grading, retardation, and acceleration; opportunity classes; the platoon system; discipline; credit for out-of-school activities; school reports, etc. II (3)

545. High School Administration: A course, open only to advanced students, dealing with the usual high school problems not directly related to the improvement of instruction. II (3)

546. School Buildings, Grounds, and Equipment: A course dealing with school building plans, construction costs, heating, ventilation, hygiene and sanitation, school equipment in use by the community for other than school purposes, and playgrounds. II (3)

547. Educational Finance: A study of budgets and accounts, to acquaint students with the fundamental principles underlying the financial administration of the public schools. II (3)

611. Seminar in the History and Philosophy of Education. (3)

641. Research and Thesis Writing: A graduate course of lectures, discussions, and reports, with special emphasis on the examination of published investigations in education and methods of interpreting educational data. Required of all candidates for the Master's degree in the College of Education. I (3)
D. THE COLLEGE OF BUSINESS ADMINISTRATION

PROFESSOR BECKNER

ASSOCIATE PROFESSOR BRIDENSTONE
ASSISTANT PROFESSORS CAMP, LLOYD, REDDING, AND EFROYMSON
MR. KELSO, MR. TOWNSEND

The requirements for the degree of Master of Arts with major in Economics may be satisfied by a selection from the following list of courses offered in the College of Business Administration. Twenty of the 30 hours required must be taken in Economics and Business Administration. The remaining 10 hours, if taken in a field other than Economics and Business Administration, must be approved by the Dean of the College of Business Administration and the head of the department concerned.

ECONOMIC THEORY

300, 301. History of Economic Thought: A course attempting (1) to relate economic thought to its background of philosophical, economic, social, and political conditions; and (2) to evaluate past theories in the light of present-day economic thought. Prerequisite, Economics 200 and 10 additional hours in the department. Continuous course. I, II (2)

302. Types of Economic Organization: An inquiry into the principles underlying a proper organization of economic life. Includes a study of utopias, socialism, communism, co-operation, capitalism, and other work-organizations. Prerequisite, 60 semester hours of credit. II (3)

303. Contemporary Economic Thought: A study of the contributions of Marshall, Clark, Veblen, Hobson, and other contemporary economists. I (2)

FINANCE

310. 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. II (3)

311. Monetary Theory: 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. II (2 or 3)

312. 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 310. I (2)

313. Central Banking System: A study of central banking; the Bank of England, Bank of France, Reichsbank, with some attention to the Canadian banking system. Prerequisite, Economics 310. II (2)
315. Corporation Finance: An elementary study of the promotion, combination, merger, receivership, reorganization, and dissolution of corporations; and of the social problems created by the growth of the corporation as an economic institution. Prerequisite, Economics 310, and junior standing. One year of accounting is recommended. Fee, $1.00.


317. 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; of the methods of distributing securities in the United States and abroad. Prerequisite, Economics 310 and 315. Fee, $1.00.

LAbOR

320. Introduction to the Study of Labor: 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.


PUBLIC UTILITIES AND TRANSPORTATION


331. Railway Transportation: A study of the development, service, regulation, and present economic problems of the railway industry in the United States.

PUBLIC FINANCE

340. Public Finance: A study of the nature, classification, and control of public expenditures; of the various types of public revenues, with special emphasis upon problems of federal, state, and local taxation in the United States; of the principles of public credit; of budget systems.

341. Taxation Problems: A study of the major problems existing under our present federal, state, and local systems of taxation. Prerequisite, Economics 340.

MARKETING

363. Foreign Trade: A study of the history and theory of international trade, including a survey of foreign trade institutions, ocean transportation, tariff policies, and other international economic relations.
BUSINESS ORGANIZATION AND ADMINISTRATION

371. Industrial Management: A study of the principles and practices involved in the efficient management of industrial plants. I (3)

372, 373. Business Law I and II: A course dealing with contracts, agency, sales of personal property, corporations, partnerships, negotiable instruments, suretyship, bailments, and estates in real property. I, II (3)

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

375. Life Insurance: A study of its development; of the types, policy forms, calculation of premiums and reserves; and of its economic and social aspects. Attention will also be given to old age pensions and unemployment insurance. II (2)

376. Property Insurance: A study of fire, marine, compensation, health and accident insurance, surety, corporate bonding, and the economic and social aspects of these types of insurance. I (2)

ECONOMIC HISTORY


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

LAND ECONOMICS

385. Land Economics: A course dealing with the significance of nature as a factor in economic life and economic science; including a study of the characteristics and classification of land, the effect of public policies on the utilization of land, land taxation, conservation, and the pressure of population upon land resources. I (3)

386. Economic Problems of Agriculture: A course dealing with the more important economic problems of agriculture, such as production, land ownership and tenancy, finance and credit, marketing, and farm labor. Prerequisite, Economics 200 and either credit or registration in Economics 310. II (2)

RESEARCH

401, 402. Seminar: A course in which each student will be assigned a special problem for investigation. Open to seniors and graduate students. I, II (1 or 2)
THE DIVISION OF EVENING COURSES
The Division of Evening Courses

PURPOSE

The Evening Division is an integral part of Butler University. Its educational program is designed to offer instruction in a limited number of college subjects to meet the demands of men and women who realize that education is a life long process, but find it impossible to attend the regular college classes.

The work done in the Evening Division is of the same standard and character as ordinary college work.

DEPARTMENTS OF INSTRUCTION

I. Botany
II. Chemistry
III. Economics and Business Administration
IV. Education
V. English
VI. German
VII. Health and Physical Education
VIII. History and Political Science
IX. Home Economics
X. Journalism
XI. Library
XII. Mathematics
XIII. Philosophy
XIV. Physics
XV. Religion
XVI. Romance Languages
XVII. Sociology
XVIII. Zoology

COURSES OF INSTRUCTION

(1937-1938)

I. BOTANY

E101, E102. General Botany. I, II (5)
Mrs. Esten.

E301. Moses. I (1-2)
Mr. Potzger.

E302. Trees. II (1-2)
Mr. Friesner.

E303. Ferns and Fern Allies. II (1-2)
Mr. Friesner.

E304. Spring Flowers. II (1-2)
Mr. Friesner.

E315. High School Methods. II (2)
Mr. Friesner.

E346. Relation of Plants to Conservation. II (3)
Mr. Potzger.

E351, E352. Current Literature. I, II (1)
Mr. Friesner.
E354. Algae.  
Mr. Palmer.  

E356. Phycology.  
Mr. Palmer  

E358. Heredity.  
Mr. Friesner.  

E373, E375. Bacteriology.  
Mr. Palmer.  

E369. Agrostology.  
Mr. Potzger.  

E371. Special Problems.  
Mr. Palmer.  

E523-530 and E541-542. Investigations.  
Office  

II. CHEMISTRY  

E308. Qualitative Analysis.  
Dr. Leighty.  

III. ECONOMICS AND BUSINESS ADMINISTRATION  

Mr. Efroymson.  

Mr. Stevens, Mr. Pike.  

Mr. Weaver.  

Mr. Kelso.  

E310. Credit and Banking.  
Mr. Bowyer.  

E315. Corporation Finance.  
Mr. Bowyer.  

E317. Investments.  
Mr. Bowyer.  

E322. Personnel Management.  
Mr. Alltop.  

E332. Traffic Management.  
Mr. Doebber.  

Mr. Pike, Mr. Lloyd.  

Any Semester (1-7)
Mr. Lloyd. I, II (3)

E354. Auditing.
Mr. Stevens. I (3)

Mr. Stevens. II (3)

Mr. Lloyd. II (3)

E358. C. P. A. Problems.
Mr. Lloyd. I (3)

E360. Marketing.
Mr. Bridenstine. I (3)

E361. Salesmanship.
Mr. Townsend. II (2)

E364. Purchasing.
Mr. Ritter. I (3)

E365. Credits and Collections.
Mr. Klippel. II (2)

Miss Haynes. II (2)

Mr. Redding. I, II (3)

E374. Statistics.
Mr. Kelso. I (3)

E375. Life Insurance.
Mr. Townsend. I (2)

E376. Property Insurance.
Mr. Townsend. II (2)

Mr. Townsend. II (2)

Mr. Ritter. II (3)

E472. Business Law III.
Mr. Weaver. II (2)

E402. Seminar.
Staff. II (1 or 2)

E70. Foremanship and Supervision.
Mr. Jones. II (No Credit)
## Commercial Courses and Secretarial Science

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Period</th>
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</thead>
<tbody>
<tr>
<td>E308</td>
<td>Methods of Teaching Commercial Subjects in High School.</td>
<td>Mrs. Bailey</td>
<td>I (2)</td>
</tr>
<tr>
<td>E190</td>
<td>Elementary Stenography.</td>
<td>Miss VandenBrook, Miss Wood</td>
<td>I, II (2)</td>
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<td>E192</td>
<td>Elementary Typewriting.</td>
<td>Miss VandenBrook, Miss Wood</td>
<td>I, II (1)</td>
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<tr>
<td>E290</td>
<td>Intermediate Stenography.</td>
<td>Miss VandenBrook</td>
<td>I, II (2)</td>
</tr>
<tr>
<td>E292</td>
<td>Intermediate Typewriting.</td>
<td>Miss VandenBrook, Mrs. Bailey</td>
<td>I, II (1)</td>
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<tr>
<td>E390</td>
<td>Advanced Stenography.</td>
<td>Mrs. Bailey</td>
<td>II (3)</td>
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<tr>
<td>E392</td>
<td>Advanced Typewriting.</td>
<td>Mrs. Bailey</td>
<td>II (2)</td>
</tr>
<tr>
<td>E395</td>
<td>Secretarial Training.</td>
<td>Mrs. Bailey</td>
<td>I (3)</td>
</tr>
<tr>
<td>E396</td>
<td>Office Management.</td>
<td>Mr. Barnhart</td>
<td>II (3)</td>
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<tr>
<td>E398</td>
<td>Business Correspondence.</td>
<td>Mr. Barnhart</td>
<td>II (2)</td>
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</tbody>
</table>

## IV. EDUCATION

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Period</th>
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<tbody>
<tr>
<td>E301</td>
<td>Secondary Education.</td>
<td>Mr. Mock</td>
<td>I (3)</td>
</tr>
<tr>
<td>E302, E303</td>
<td>Methods and Materials Relating to Creative English.</td>
<td>Miss Marshall</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E323</td>
<td>Principles of High School Teaching.</td>
<td>Mr. Whisler</td>
<td>II (3)</td>
</tr>
<tr>
<td>E325</td>
<td>Activities for the Primary and Elementary Schools.</td>
<td>Miss Marshall</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E353, E354</td>
<td>Visual Education.</td>
<td>Mr. Henderson</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E358</td>
<td>Survey of Adult Education.</td>
<td>Mr. Crabtree</td>
<td>II (3)</td>
</tr>
<tr>
<td>E411</td>
<td>History of Education.</td>
<td>Mr. Whisler</td>
<td>II (3)</td>
</tr>
<tr>
<td>E413</td>
<td>Evolution of Educational Theories.</td>
<td>Mr. Mock</td>
<td>II (3)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Instructor</td>
<td>Term</td>
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<tr>
<td>E414, E415</td>
<td>Social Aspects of Education</td>
<td>Mr. Leonard</td>
<td>I, II</td>
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<tr>
<td>E440</td>
<td>Survey of Modern Methods of Teaching</td>
<td>Mr. Townsend</td>
<td>I</td>
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<tr>
<td>E441</td>
<td>Diagnostic and Remedial Reading</td>
<td>Miss Betcher</td>
<td>I</td>
</tr>
<tr>
<td>E442</td>
<td>Diagnostic and Remedial Arithmetic</td>
<td>Mrs. Hyde</td>
<td>I</td>
</tr>
<tr>
<td>E445</td>
<td>Educational Tests and Measurements</td>
<td>Mr. Carlile</td>
<td>I</td>
</tr>
<tr>
<td>E448, E449</td>
<td>Techniques of Counseling</td>
<td>Mr. Townsend</td>
<td>I, II</td>
</tr>
<tr>
<td>E450</td>
<td>Curriculum Construction</td>
<td>Mr. Townsend</td>
<td>II</td>
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<tr>
<td>E453</td>
<td>Clinical Practice in Reading</td>
<td>Mr. Townsend</td>
<td>II</td>
</tr>
<tr>
<td>E463, E464</td>
<td>Study and Education of Exceptional Children</td>
<td>Mrs. Heavenridge</td>
<td>I, II</td>
</tr>
<tr>
<td>E468</td>
<td>Classroom Organization and Management in Special Education</td>
<td>Mrs. Heavenridge</td>
<td>II</td>
</tr>
<tr>
<td>E469</td>
<td>Administration of Special Education</td>
<td>Mrs. Heavenridge</td>
<td>II</td>
</tr>
<tr>
<td>E512</td>
<td>Comparative Education</td>
<td>Mr. Mock</td>
<td>I</td>
</tr>
<tr>
<td>E541</td>
<td>Elementary Supervision</td>
<td>Mr. Dalman</td>
<td>II</td>
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<tr>
<td>E542</td>
<td>High School Supervision</td>
<td>Mr. Whisler</td>
<td>I</td>
</tr>
<tr>
<td>E543</td>
<td>Public School Administration</td>
<td>Mr. Whisler</td>
<td>I</td>
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<tr>
<td>E544</td>
<td>Elementary School Administration</td>
<td>Mr. Whisler</td>
<td>II</td>
</tr>
<tr>
<td>E545</td>
<td>High School Administration</td>
<td>Mr. Ammerman</td>
<td>II</td>
</tr>
<tr>
<td>E549</td>
<td>Indiana School Law</td>
<td>Mr. Ammerman</td>
<td>I</td>
</tr>
<tr>
<td>E550</td>
<td>Legal Principles Underlying Public School Administration</td>
<td>Mr. Ammerman</td>
<td>I</td>
</tr>
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</table>
### Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>E641</td>
<td>Research and Thesis Writing.</td>
<td>Mr. Richardson</td>
<td>I (3)</td>
</tr>
<tr>
<td>E263</td>
<td>Psychology II.</td>
<td>Mr. Carlile</td>
<td>II (3)</td>
</tr>
<tr>
<td>E461</td>
<td>Animal and Human Learning.</td>
<td>Mr. Shultz</td>
<td>I (3)</td>
</tr>
<tr>
<td>E465</td>
<td>Abnormal Psychology.</td>
<td>Mr. Ball</td>
<td>II (3)</td>
</tr>
<tr>
<td>E475</td>
<td>Child and Adult Abnormal Psychology and Mental Hygiene.</td>
<td>Mr. Kammerer</td>
<td>I (3)</td>
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<tr>
<td>E562</td>
<td>Psychology of Childhood.</td>
<td>Mr. Richardson</td>
<td>II (3)</td>
</tr>
<tr>
<td>E563</td>
<td>Psychology of Adolescence.</td>
<td>Mr. Shultz</td>
<td>II (3)</td>
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### Art

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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<tbody>
<tr>
<td>E112</td>
<td>Drawing and Design.</td>
<td>Miss Miller</td>
<td>I (3)</td>
</tr>
<tr>
<td>E327</td>
<td>Special Methods in High School Art.</td>
<td>Miss Miller</td>
<td>I (3)</td>
</tr>
<tr>
<td>E392</td>
<td>Art Appreciation.</td>
<td>Miss Miller</td>
<td>II (3)</td>
</tr>
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</table>

### V. ENGLISH

#### A. Graduate Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>E402, E403</td>
<td>Classical Drama in English Literature.</td>
<td>Mr. Harrison</td>
<td>I, II (2)</td>
</tr>
</tbody>
</table>

#### B. Undergraduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E101, E102</td>
<td>Freshman Composition.</td>
<td>Miss Moore</td>
<td>I, II (2)</td>
</tr>
<tr>
<td>E101A, E101B</td>
<td>Freshman Literature.</td>
<td>Miss Moore</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E322, E323</td>
<td>Modern English and American Prose.</td>
<td>Miss Welling</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E327, E328</td>
<td>American Literature.</td>
<td>Miss Welling</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E341, E342</td>
<td>Eighteenth Century Literature.</td>
<td>Miss Helming</td>
<td>I, II (3)</td>
</tr>
</tbody>
</table>
Division of Speech

Mr. Duncan. I, II (3)

Mr. Walters. I, II (no Credit)

E201Sp. Radio Speaking and Recording.
Mr. Burdin. I, II (3)

E221Sp. Platform Reading.
Mr. Duncan. I, (3)

E302Sp. Oratory.
Mr. Duncan. II (3)

Mr. Burdin. II (3)

Mr. Walters. I, II (3)

Methods

Miss Shover. II (2)

VI. GERMAN

E101, E102. Elementary German.
Miss Krull. I, II (5)

E153, E154. Second Year German.
Miss Krull. I, II (5)

E416. Goethe.
Mr. Baumgartner. II (3)

E417. History of German Literature.
Mr. Baumgartner. I (3)

E101. General Languages.
Mr. Baumgartner, Miss Kincaid, Mr. Clark. I (3)

VII. HEALTH AND PHYSICAL EDUCATION

E254. First Aid.
Dr. McCallum. I (3)

E315. Hygiene.
Dr. McCallum. I, II (3)

Dr. McCallum. II (3)

E317. Human Anatomy.
Dr. McCallum. I, II (3)
VIII. HISTORY AND POLITICAL SCIENCE

E303, E304. Contemporary Civilization.
Mr. Beeler. I, II (3)

E326. Recent American History.
Mr. Haworth. I (3)

Mr. Peeling. II, I (3)

E341. American Politics.
Mr. Haworth. II (3)

E350. American Foreign Policy.
Mr. Isom. I, II (3)

IX. HOME ECONOMICS

E201. Principles of Food Preparation.
Mrs. Wakefield. I (3)

E202. Menus, Meal Preparation and Table Service.
Mrs. Wakefield. II (3)

E301. Household Marketing.
Mrs. Wakefield. II (3)

E305. Nutrition.
Mrs. Wakefield. I (3)

E335. Textiles.
Miss Journey. II (3)

X. JOURNALISM

E309. Advertising Production.
Mr. Ropkey. I (2)

E328. Specialized Writing for Women.
Mr. Burchard. II (2)

E329. Critical Writing.
Mr. Burchard. I (2)

E370. Law of the Press.
Mr. Lowther. II (2)

XI. LIBRARY

E342. Cataloging and Classification.
Mr. Smith. I (3)

E343. School Library Administration.
Mrs. Schad. II (3)

E344. High School Library Book Collection.
Mrs. Schad. I (3)
E345. Reference and Bibliography.  
Mr. Smith.  

Mr. Smith.  

E347. Advanced Cataloging.  
Mr. Smith.  

XII. MATHEMATICS  

Miss Suter.  

E102. College Algebra.  
Miss Suter.  

E301. Differential Calculus.  
Miss Suter.  

E103A, E103B. Analytic Geometry.  
Miss Suter.  

E302. Integral Calculus.  
Miss Suter.  

E320. College Geometry.  
Miss Suter.  

XIII. PHILOSOPHY  

E316. Aesthetics.  
Mr. Jordan.  

E314. Social and Political Philosophy.  
Mr. Jordan.  

XIV. PHYSICS  

E101A. Mechanics, Heat and Sound.  
E101B. Mechanics, Heat and Sound.  
Mr. Price.  

E102A. Electricity, Magnetism and Light.  
E102B. Electricity, Magnetism and Light.  
Mr. Price.  

XV. RELIGION  

E207. Christian Educational Leadership.  
Mr. Griffeth.  

E214. Christian Life and Belief.  
Mr. Griffeth.  

XVI. ROMANCE LANGUAGES  

French  

E101A, E101B. Beginner’s Course.  
Mrs. Kimmich.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
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<tbody>
<tr>
<td>E131</td>
<td>Reading Course in French.</td>
<td>Mrs. Kimmich.</td>
<td>II (3)</td>
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<tr>
<td>E102</td>
<td>Second Semester, First Year French.</td>
<td>Mrs. Kimmich.</td>
<td>I (3)</td>
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**Spanish**

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<th>Credits</th>
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<tr>
<td>E101A</td>
<td>Beginner's Course in Spanish.</td>
<td>Miss Lutz.</td>
<td>I (3)</td>
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<tr>
<td>E102</td>
<td>Second Semester, First Year Spanish.</td>
<td>Miss Lutz.</td>
<td>II (3)</td>
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<tr>
<td>E101</td>
<td>General Language.</td>
<td>Mr. Baumgartner, Miss Kincaid, Mr. Clark.</td>
<td>I (3)</td>
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**XVII. SOCIOLOGY**

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<tr>
<td>E200</td>
<td>Elementary Sociology.</td>
<td>Mrs. Todd.</td>
<td>I, II (3)</td>
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<tr>
<td>E308</td>
<td>The Family.</td>
<td>Mrs. Todd.</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E333</td>
<td>The Child and Society.</td>
<td>Mrs. Winslow.</td>
<td>I, II (3)</td>
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<tr>
<td>E337</td>
<td>Urban Sociology.</td>
<td>Mrs. Winslow.</td>
<td>I, II (3)</td>
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<tr>
<td>E345B, E345A</td>
<td>Social and Intellectual History of the United States.</td>
<td>Mr. Peeling.</td>
<td>I, II (3)</td>
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**XVIII. ZOOLOGY**

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<th>Credits</th>
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<tbody>
<tr>
<td>E101</td>
<td>Elementary Zoology.</td>
<td>Mrs. Iske.</td>
<td>I, II (3-5)</td>
</tr>
<tr>
<td>E116</td>
<td>Animal Biology.</td>
<td>Mrs. Iske.</td>
<td>II (3)</td>
</tr>
<tr>
<td>E314</td>
<td>Ornithology.</td>
<td>Mr. Esten.</td>
<td>II (3)</td>
</tr>
<tr>
<td>E305</td>
<td>Comparative Anatomy of Vertebrates.</td>
<td>Mrs. Iske.</td>
<td>I (5)</td>
</tr>
<tr>
<td>E315</td>
<td>Hygiene.</td>
<td>Dr. McCallum.</td>
<td>I, II (3)</td>
</tr>
<tr>
<td>E317</td>
<td>Human Anatomy.</td>
<td>Dr. McCallum.</td>
<td>I, II (2)</td>
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</table>
THE SUMMER SESSION
The Summer Session

(1938)

PURPOSE

The Summer Session is an integral part of Butler University. Courses offered in the Summer Session afford opportunity to two classes of students: first, to professional men and women to take additional work in their chosen subjects; and second, to college students to meet graduation requirements.

DEPARTMENTS OF INSTRUCTION

**Liberal Arts and Sciences**

I. Botany  
II. Chemistry  
III. Classical Languages  
IV. English (Including Speech)  
V. Fine Arts  
VI. German  
VII. Home Economics  
VIII. History and Political Science  
IX. Mathematics  
X. Philosophy  
XI. Physics  
XII. Romance Languages  
XIII. Sociology  
XIV. Zoology  

**College of Religion**  
(See Special Bulletin)

**College of Education**

Elementary School  
Secondary School  
Graduate  
Physical Education  
Psychology  
Special Education for Handicapped and Exceptional Children

**College of Business Administration**

Economics  
Finance  
Labor  
Accounting  
Public Utilities  
Commercial and Secretarial  
Department of Journalism  
Library Science for Teachers
College of Liberal Arts and Sciences

1. BOTANY

The courses in this department have been planned for those who may elect Botany for its educational value and the fulfillment of science requirements leading to the baccalaureate degree, for teachers; and as foundation courses for those who expect to enter some phase of professional Botany. Graduate credit is given for courses numbered above 340.

S101, S102. General Botany: A survey of the structure and functions of the plant cell, followed by a survey of the plant kingdom, and a discussion of the broader generalization of the science. The work is concluded by a study of the local flora. Recitations, 7:30-9:00 daily; laboratory, 9:00-12:30 daily. Laboratory fee, $8.00. Mr. Friesner, Mr. McCoy, Miss Stanley.

S302. Trees: A laboratory and field identification of the trees of the vicinity. The student is required to construct keys for the identification of all trees studied. Prerequisite, courses 101 and 102 or their equivalent. Laboratory, two hours daily, arranged. No fee. Mr. McCoy.

S303. Ferns: A field and laboratory classification and the construction of keys for the identification of the ferns. Prerequisite, courses 101 and 102 or their equivalent. Laboratory, two hours daily, arranged. Fee, $2.00. Mr. McCoy.

S304. Flowers: A laboratory and field identification of the summer flowers of the vicinity. Field and laboratory, two hours daily, arranged. No fee. Mr. McCoy.

S315. 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, with suggestions for the preparation of material and devices for increasing interest in the study. Mr. Friesner.

S354. Algae: A course planned 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. Laboratory one to three hours daily. Fee, $1.00 per hour of credit. Mr. Palmer.

S356. Algae: A study of the structure, life histories, classification, economic importance, and morphological importance of the algae. Representatives from all 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. Recitation, M—Th. Mr. Palmer.
S358. Heredity: A course dealing with the facts, hypotheses, 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. Recitation, 10:30 daily.
Mr. Friesner.

S363. 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. Prerequisites, 101, 102. Lecture, 8:30; Lab. 9:30-12:30. Fee, $6.00.
Mr. Potzger.

S346. Conservation: A course dealing with the relation of plants to soil erosion, tree crops and their relation to soil and moisture conservation and flood prevention, the problem of our grasslands, forest conservation, and conservation of our natural resources.
Mr. Potzger.

S373, S375. Bacteriology: A study of bacteria and other common micro-organisms from the standpoint of their relation to human life and industrial processes. Emphasis is placed on cultural, isolation, counting, staining, and identification methods. Prerequisite, one year of botany, chemistry, or zoology. Lecture, 7:30; laboratory 8:30-11:30 daily. Fee, $10.00.
Mr. Palmer.

S369. Agrostology: A course in the identification of the grasses of the local flora. Prerequisite, courses 101, 102. Laboratory arranged. Fee, $1.00 per hour of credit.
Mr. McCoy.

S371. Special Problems: A course offering an opportunity for qualified students to pursue some special line of work. Credit, time and fee arranged.
Mr. Potzger.

In addition to the above courses research may be pursued in any one of the following fields. These research courses are open only to graduate students and are applicable toward the master's degree in Botany.

S525. Investigations in Plant Physiology: Credit, fee, and time arranged.
Mr. Potzger.

S527. Investigations in Plant Ecology: Credit, fee, and time arranged.
Mr. Potzger.

S529. Investigations in Taxonomy and Plant Distribution: Credit, fee, and time arranged.
Mr. Friesner.
S541. Investigations in the Algae: Credit, fee, and time arranged. Mr. Palmer.

Post-Summer Courses (See last page)

PS302. Trees. (1-2)
PS303. Ferns. (1-2)
PS402. Plant Geography. (3)
Mr. Palmer.

II. CHEMISTRY

The courses offered in this department are primarily designed to meet the wants (1) of those desiring a general knowledge of the subject, and (2) of those feeling the need of more advanced work in order to prepare themselves for research work, teaching, medicine, chemical engineering, or other professions. To each student is assigned his own desk, with separate outfits of apparatus and chemicals.

Special attention is called to the possibility of high school graduates who expect to enroll for the Pre-medical course at the opening of the fall semester completing part of their work during the summer and thereby easing the load during the regular year.

S101, S102. General Inorganic Chemistry: Elementary. Lectures, recitations, and laboratory work. A systematic study of the principal elements and their compounds, and the underlying principles and laws of the science. This course may be elected by students who have had no previous course in chemistry as well as those who have had high school chemistry. Mr. Shadinger. 7:30-12:30 daily (4), (6) or (9)

S303, S305. Advanced Inorganic and Quantitative Analysis: A review together with a more detailed study of the fundamental laws and principles of chemistry. This course is recommended to students who major in chemistry or who wish to teach the subject. Prerequisite, courses 101 and 102. Time to be arranged. Mr. Shadinger. (2), (3) or (5)

S306, S308. Qualitative Analysis: Lectures, recitations, and laboratory work. A systematic course in qualitative analysis, including a comparison of the different methods of separation and identification of inorganic substances, both in solution and in the dry condition. The ionic theory and the law of mass action, as applied to the work in this course, are fully discussed. Prerequisite, courses 101, 102 or an equivalent. Time to be arranged. S306-Lectures (3) S308-Laboratory (2) or (3) Mr. Shadinger.

S351. Organic Chemistry: Lectures, recitations and quizzes. A study is made of both the aliphatic and aromatic compounds. Prerequisites, 101, 102 or their equivalent. Mr. Means. 11:30 daily (3)
S354. Organic Chemistry: Lectures, recitations and quizzes. A continuation of S351 or its equivalent and is designed for those desiring a more detailed knowledge of the subject. Mr. Means. 10:30 daily (3)

S353. Organic Chemistry Laboratory: Organic preparations to accompany or follow S351. Quizzes. Time to be arranged. Mr. Means. (2)

S364. Methods of Teaching High School Chemistry: A two-hour course in the teaching of chemistry. (Hours to be arranged.) Mr. Means. (2)

S408. Quantitative Analysis: Laboratory work consisting of both gravimetric and volumetric analysis. Prerequisite, courses 101, 102, and 304 or their equivalent. Mr. Means. 7:30-12:30 (3)

The laboratory fee for each course is $10.00 (S307 (2) and S308 (1) will count as one course); this fee is for the entire course and is payable in advance. Extra charges may be made for unusual breakage and damage to apparatus. An enrollment of five or more is necessary for each course. If possible, prospective students should consult the instructor before enrolling in courses 303, 305, or 409.

III. CLASSICAL LANGUAGES

No courses in Latin are listed. If, however, there should be sufficient demand for a reading course in prose or verse, one may be arranged.

IV. ENGLISH

FOR GRADUATES

S412. History of the English Language: A survey of the main movements in the development of the English language. Mrs. Fisher. 8:30 (3)

FOR UNDERGRADUATES

S101. Freshman Composition: A course arranged for students needing credit for one semester of Freshman English Composition. Mrs. Fisher. 7:30 (3)

S101A. Appreciation of Literature: A course arranged for students needing credit for one semester of Freshman English Literature. Mr. Sparks. 8:30 (3)

S324. Contemporary Poetry: A discussion of poetry written in English since 1910 aimed both toward enjoyment of its modern expression, and toward appraisal of its lasting values. Prerequisite, 10 hours of English. Mr. Sparks. 10:30 (3)
S327. American Literature: A study, appreciative and critical, of American poetry and prose, with emphasis on a few eminent early writers.
Miss Helming. 9:30 (3)

S328. American Literature: A study, appreciative and critical, of the later writers in American Literature.
Miss Helming. 10:30 (3)

S337. Shakespeare: A study of Shakespeare based upon assigned readings of selected plays.
Miss Helming. 7:30 (3)

S350. Methods of Teaching English in High School: A practical study of the high school course in English: its aims, content, methods, and texts. Open to juniors and seniors who are electing English as a major or minor for Indiana teacher's license. Not counted in required hours of an English major.
Miss Shover. 9:30 (3)

S310. Modern Drama: A course based upon the reading of representative plays accompanied by lectures.
Mr. Schumacher. 10:30 (3)

S341. 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.
Mr. Sparks. 7:30 (3)

Mrs. Fisher. 10:30 (3)

S351. Methods of Teaching the English Sentence: The purpose of this course is to deepen an interest in words; to broaden the knowledge of their relation to each other within the sentence; to recognize the possibilities of word-combinations within the word-group; and to increase the appreciation of the power and the beauty in the English sentence.
Illustrations will be selected from favorite and from noted quotations in the English language. These sentences will be arranged in the order of their grammatical difficulties and will be presented, insofar as is possible, in their literary and historical settings. (Does not substitute for S350).
Miss Shover. 11:30 (2)

SPEECH

S101-Sp. Public Speaking: A study of the fundamentals of public speaking. The four elements which make up the speech situation are studied: the speaker, the audience, the occasion, and the speech. Extensive practice in the preparation and delivery of speeches is given.
Fee, $1.75.
Mr. Burdin. 8:30 (3)
S221-Sp. Platform Reading: A study of the art of transferring meaning from the printed page to the mind of an audience. Selections studied in the division of composition and literature are read in such a way as to stimulate various moods within an audience. Prerequisite. 101-Sp. Fee, $1.75.
Mr. Burdin. 7:30 (3)

S335-Sp. Speech Correction: A study of the various types of speech disorders, their causes, their methods of treatment, and of general clinical practice. This course is practically valuable for those who are preparing to teach English and Speech. Prerequisite, 101-Sp, 331-Sp. Fee, $1.00.
Mr. Burdin. 9:30 (3)

Post-Summer Course

PS331-Sp. Phonetics: A study of the speech sounds with their methods of production for the purpose of enabling students not only to improve their own speech but also to correct the phonetic difficulties of others. Prerequisite, 101-Sp. Fee, $1.00.
Mr. Burdin. Time arranged (3)

V. FINE ARTS

S351. Landscape and Still Life: A course designed to give practical experience in the various media known to the artistic world, such as oil and pencil. Two hours of work are required for each hour of credit. Class meets Monday through Friday. Tuition, $12.50 per credit hour with or without credit.
Mr. Wheeler. 8:00 (2-3)

VI. GERMAN

S101, S102a. Elementary Course: Grammar, reading, oral and written composition. Double course, two hours daily.
Mrs. Brunson. 8:30-10:30 (6)

S102b. Elementary: Second Semester of First Year Course. This course with S101 and S102a is equivalent to a full year of German.
Mrs. Brunson. 10:30 (3)

Mr. Baumgartner. 7:30 (3)

Mr. Baumgartner. 8:30 (3)

S416. 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.
Mr. Baumgartner. 9:30 (3)
VII. HOME ECONOMICS

S201. Foods: A study of the composition, selection, and preparation of food; factors of cookery; analysis of recipes and standard products; meal planning and serving for various groups with the aesthetic phase and social opportunity in meals emphasized. Fee, $7.00. Lecture, 7:30 to 8:30; laboratory, 8:30 to 10:30.
Mrs. Thomason. 7:30 (6)

Miss Shaw. 9:30 (3-6)

S305. Nutrition: The essentials of an adequate diet, the food needs of persons of different ages and occupations, and the nutritive and caloric values of common food materials, with special regard to the relation of such knowledge to health and disease.
Mrs. Thomason. 9:30 (3)

VIII. HISTORY AND POLITICAL SCIENCE

History

S307. Methods of Teaching History and Civics in High School: Open only to students who have averaged "B" in the department. This course is identical with course 307 in the Department of Economics and Business Administration, and with course 307 in the Department of Sociology.
Mr. Peeling. 7:30 (3)

S303. Contemporary European Civilization: A general survey of modern civilization, with emphasis upon its political, economic, and cultural elements [476-1660].
Mr. Beeler. 9:30 (3)

S317. International Relations: An intensive study of problems in nationalism and imperialism since 1870, with special attention to the East African and Far Eastern developments recently and concluding with a brief consideration of the efforts at peaceful settlement of international conflicts since the World War.
Mr. Beeler. 10:30 (3)

S321. 20th Century European History: A study of European history, with special attention to the World War, the peace settlement of 1919-1920 and reconstruction in the leading countries.
Mr. Beeler. 8:30 (3)

S342. The Middle Period: A study of the half century preceding the Civil War.
Mr. Isom. 10:30 (3)
POLITICAL SCIENCE

S109. American Government: A study of the origin and development of American political institutions, with emphasis upon their present working.
Mr. Isom. 11:30 (3)

S301. Comparative Government: The main governments of western Europe are studied and compared with each other and with the government of the United States.
Mr. Isom. 9:30 (3)

Post-Summer Courses
A course in European or Indiana History will be given if desired.
Mr. Beeler. (3)

IX. MATHEMATICS

S101. Plane Trigonometry: A course developing the fundamentals of the subject, with many exercises in the application of the formulas to the solution of problems. Prerequisite, one year plane geometry, one and one-half years high school algebra.
Miss Suter. 7:30 (3)

S102. College Algebra: A course including in addition to a review of the quadratic equation such topics as inequalities, mathematical induction, binomial theorem, progressions, permutations, and combinations. Prerequisite, one year plane geometry, one and one-half years high school algebra.
Miss Suter. 8:30 (3)

S103. Analytic Geometry: A study of the straight line and conic sections. Prerequisite, courses 101 and 102.
Mrs. Beal. 9:30 (3)

S301. 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.
Mrs. Beal. 7:30-9:30 (4)

S318. Methods of Teaching Mathematics in High School: 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.
Mrs. Beal. 10:30 (2)

S320. 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.
Miss Suter. 9:30 (3)
X. PHILOSOPHY

S307. Philosophy Since Kant: The history of philosophy from Kant to the present time. Prerequisite, courses 305, 306.  
Mr. Jordan. 7:30 (3)

S316. Aesthetics: A study of the experience of the beautiful and of the objective phenomena of beauty. Prerequisite, upper division standing.  
Mr. Jordan. 9:30 (3)

S530. Recent Philosophy: A course on some recent contribution to philosophy. Prerequisite, courses 305, 306, and senior standing.  
Mr. Jordan. 10:30 (3)

XI. PHYSICS

Mr. Elliott. 7:30-12:30 (3) and (1 or 1½)

Mr. Elliott. 7:30-12:30 (3) and (1 or 1½)

Note: Courses S101A, S101B will be given during the first half of the session; courses S102A, S102B will be given the last half.

XII. ROMANCE LANGUAGES

Note: The work in courses numbered higher than 102 will be adjusted, as far as possible, to meet the needs of the students and to avoid duplication of work previously done. Students will consult the instructors about such adjustments.

Additional courses will be organized in French and Spanish if there is sufficient demand for them.

French

S101. Beginner's Course: Grammar, composition, reading, and pronunciation. Two hours daily.  
Mr. Ratti. 7:30-9:30 (6)

S102. Beginner's French: Continuation of S101. Prerequisite, 5 hours of college French or one unit in high school. One hour daily.  
10:30 (3)

S131. Second Year French Reading: For students who have had the equivalent of one year of college French. Corresponds to French 131 of the regular year, but by special arrangement and by doing extra work, it may be made the equivalent of French 132. One hour daily.  
Mr. Aldrich. 9:30 (3)

S151. Second Year Grammar and Composition: A systematic and intensive review of French grammar, together with abundant drill in
composition. Required only of those intending to elect advanced grammar, advanced composition and conversation, or French methods, in the upper division; also required of majors. A student may take this course in conjunction with S131. One hour daily.

**S331. Advanced French Composition and Conversation:** The student electing this course must give evidence of having a working knowledge of elementary French grammar and of the irregular verbs. Prerequisite, two full years of college French, or the equivalent. One hour daily.

Mr. Ratti.

**9:30 (3)**

**Spanish**

**S101. Beginner's Spanish:** A course in grammar, composition, reading of easy Spanish, pronunciation, dictation. Corresponds to Spanish 101 of the regular collegiate year. Two hours daily.

Mr. Aldrich.

**7:30-9:30 (6)**

**S102. Beginner's Spanish:** Continuation of S101. Prerequisite, 5 hours of college Spanish or one unit in high school. One hour daily.

**10:30 (3)**

**XIII. SOCIOLOGY**

**S301. Anthropology:** (a) A study of the evolution of man. (b) A study of the social and mental life of primitive man and the genesis of culture-civilization.

Mr. Metour.

**8:30 (3)**

**S307. Methods of Teaching Social Science in High School:** This course is identical with course 307 in the Department of Economics and Business Administration, and with course 307 in the Department of History.

Mr. Peeling.

**7:30 (3)**

**S324. Social Control:** A study of the evolution of control in human societies, of the forms, devices, and agencies of control, and of the relation of control to individual and social disorganization.

Mr. Metour.

**9:30 (3)**

**S330. Criminology and Penology:** A study of crime as a social phenomenon, law and crime, the courts, cause and treatment of crime. A study of the origin and evolution of legal punishment, the penal codes and methods of punishment, rise of the prison system, probation and parole. Visits to courts and prisons.

Mr. Metour.

**10:30 (3)**

**S311. Social Problems:** A study of contemporary problems in the United States: population, old age, health, occupational hazards, family and child welfare, and crime.

Mr. Peeling.

**9:30 (3)**
Mr. Peeling. 8:30 (3)

Post Summer Course

PS342. Immigration and Americanization: A study of factors promoting immigration, of the different waves of immigration to the United States, and of citizenship problems arising therefrom.
Mr. Peeling. 8:00 (3)

SPEECH

Note: All Speech Courses are listed under English.

XIV. ZOOLOGY

S101, 102. Zoology: A course for teachers and pre-medical students, and for those who wish to meet the science requirements for graduation. Invertebrates June 16 to July 11. Credit, four and one-half hours. Vertebrates and their allies July 13 to August 8. Credit: Four and one-half hours. Either Vertebrates or Invertebrates may be taken alone. The maximum, nine hours, is accepted as the equivalent of one year of college science. Lectures, 11:30. Laboratory, 7:30 to 11:30 daily. Laboratory fee, $4.00 or $8.00.
7:30-11:30 (9)

S308. Physiology: A course in human physiology, including lectures, recitations, and laboratory work. Prerequisites, 102 or 116. Fee, $6.00. A breakage deposit of $4.00 must be made by each student.
Mr. Nester. 9:30-12:30 (6)

S315. 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.
Mr. Nester. 8:30 (3)

S317. Human Anatomy: A general study of human anatomy with special emphasis on the origin and insertion of muscles, bones, and joints; the circulatory and nervous systems. Problems relating anatomy and physiology to physical activity situations are discussed. Recommended for students majoring in physical education. Prerequisite: Animal Biology (Zoology 116) or Zoology 101, 102.
Mr. McCallum. 7:30-9:30 (6)

College of Religion

Notice: A special bulletin showing courses and schedule of classes is in preparation by the College of Religion. All students interested in courses in the field of Religion are requested to write Dr. Frederick D. Kershner, Dean, College of Religion, Butler University.
College of Education

Courses for Elementary School Teachers

S108. Primitive Peoples: A course for kindergarten-primary and primary groups, designed to develop in the student an intelligent understanding of the first steps in human progress and an appreciation of the contributions of ancient people to later civilizations. Mrs. Hyde. 9:30 (3)

S124. Methods of Teaching Industrial Art: A course dealing with the study of industrial arts in relation to geography, history, and the economic and creative life of peoples, supplemented by practical experimentation with materials and processes. Miss Marshall. 1:00-3:30 P. M. (3)

S125. Methods of Teaching Language Arts: A course for students who are to teach reading, spelling, writing in the primary and intermediate grades. Miss Colbert. 9:30 (3)

S183. General Science: A course designed to acquaint the student with the plants and animals that may be found in the environment of a teaching center. Emphasis is placed on daily observations, experiments, and field trips. Elementary science readers and nature study courses will be examined. Mr. Potzger. 11:30 (3)

S100. Drawing and Design: (Students interested in Art are requested to arrange for courses through the Herron Art Institute, 110 E. 16th Street. Phone Ta. 1446.)

S213. Physiology and Hygiene: An elementary study of the anatomy and functions of the respiratory, circulatory, excretory, digestive, reproductive, and nervous systems. Mr. Shullenberger. 10:30 (3)

S221. Methods of Teaching Music in Intermediate Grades: (Students interested in Music courses are requested to arrange with the Arthur Jordan Conservatory of Music, 1204 N. Delaware St. Phone Li. 7511.)

S302. Methods and Materials Relating to Creative English in the Elementary School: A course including (1) a study of the types of creative English produced by children; (2) selecting and developing those types most practical for use in local schools; (3) methods and materials needed for guidance of these activities; (4) checking results in your own school; (5) supplementary constructive activities, such as books, pamphlets, picture mounting, etc. Undergraduate credit. Miss Marshall. 10:30 (3)

S311. Philosophy of Education (Elementary): A course consisting of lectures, collateral readings, and discussions, intended to give a co-
herent review of the fundamental philosophy which should guide and
direct educational practice in the field of elementary education.
(Recommended for third year students especially.)
Miss Colbert.

S312. Problems in Modern Elementary Education: The application
of modern philosophy of education. For teachers of kindergarten and
lower grades of the elementary school wishing an acquaintance with
and solution for the problems arising in these grades. Discussed in the
light of the latest theories of education. Prerequisite Education 311.
Miss Colbert.

S325. Teaching by the Activity Method in the Elementary School:
This course is designed to meet the needs of the teacher in the modern
school. It presents the theoretical point of view; the organization and
development of the unit of work; the use of and techniques in work
with materials, such as cardboard construction, dioramas, clay, etc. It
offers practical help and guidance in individual school-room problems.
Miss Marshall.

S417. A Study of Recent Elementary Social Science Courses: A
course based on a study of at least ten outstanding elementary social
science courses issued in the last five years, to gain a fuller understand-
ing of the fundamental principles upon which the new type of social
science curriculum is being constructed and to study the varying types
of unit organization and techniques of administration. Prerequisite,
two-year course in Social Science.
Mrs. Hyde.

S442. Methods in Diagnostic and Remedial Arithmetic: A course
which will meet the elementary teacher's license requirement in
methods in arithmetic, and will also furnish additional credit to apply
on renewal of license or junior credit.
Mrs. Hyde.

Courses for High School Teachers

S301. Secondary Education: A survey course designed to ac-
quaint the prospective high school teacher with the outstanding fea-
tures of the American secondary school.
Mr. Mock.

S307. Methods of Teaching Social Science in High School: This
course is identical with Course 307 in the Department of History and
Political Science and with Course 307 in the Department of Sociology.
Mr. Peeling.

S323. Principles of High School Teaching: A course designed to
acquaint the student with the latest theory and practices concerning
methods of instruction, class management, methods of study, planning
instruction, and measuring the results of teaching.
Mr. Leonard.

S414. Social Aspects of Education: A study of the relation be-
tween the principles of education and the problems of society, stressing
social participation rather than individual development. (Open to elementary teachers also.) This is first semester's work, but beginning students may enter. Undergraduate or graduate credit.

Mr. Leonard.

**S431. High School Student Teaching:** A course open to seniors having nine hours of education and a grade of "B—" or above in the subject in which the candidate wishes to teach. The work is done in the Indianapolis high schools under the guidance of critic teachers and members of the staff of the College of Education. Hours to be arranged. A laboratory fee of $20.00 is required.

Mr. Shultz.

**S445. Educational Tests and Measurements:** A course involving an intensive study of the standard test movement in education. It includes a brief history perspective, the principles underlying the demand for standards in the content of the course of study, and the use and value of tests in the work of the teacher and the principal.

Mr. Carlile.

**S321. Social Geography:** A study of the influence of geography on the development of civilization. Required of students who wish to qualify for high school license in social science, Option 1.

Mr. Peeling.

### PHYSICAL EDUCATION

These courses are open to both men and women.

**S107. Tennis:** A course including instruction in the service, forehand and backhand drive. Rules and fundamental playing tactics are stressed. (Each student should furnish his own racquet and two tennis balls.) (No additional fee for this course.)

Miss Schulmeyer.

Arranged (1)

**S184. Simple Team Games:** (Women.) Nature and practice of various games graded for high school and college use. Material course.

Miss Schulmeyer.

**S254. First Aid:** A course dealing with first aid care of fractures; dislocations, sprains, strains, bruises, wounds, hemorrhages, burns, scalds, sunstroke, and heat exhaustion, frost bite and freezing, drowning, electric shock, gas poisoning, hanging, poisoning, common emergencies and injuries in the home and outdoor sports; carrying and handling of the injured. The course will meet the requirements for the senior Red Cross first aid certificate.

Mr. McCallum.

**S226. Theory of Gymnastics:** A study of the more formal types of physical activity and their uses in elementary schools, high schools, and colleges. (a) Free Exercises, (2) (b) Tactics, (1) (c) Stunts, (1).

Miss Schulmeyer.

**S251. Theory and Practice of Play:** A study of the mental and physical growth of children and the adaptation of physical activities to
meet the needs, interests and tendencies of various ages. Instruction and practice in games of low and high organization.
Mr. Hinkle.

8:30 (3)

**S317. Human Anatomy.** (See Zoology.)
Mr. McCallum.

7:30-9:30 (3)

**S255. Study of the Major Sport Rules.** (Basketball and Track.)

**S355. Study of the Major Sport Rules:** (Football and Baseball.)
A thorough consideration of the playing rules. Of value to coaches, players, officials, and spectators.
Mr. Hinkle.

8:30 (1½) each

**S423. Methods in Physical Education:** A study of the special methods used in teaching physical education in all its branches.
Miss Schultmeyer.

9:30 (2)

**S452. Organization and Administration of Physical Education:** A study of the history, principles, aims, objectives and administrative problems of the required intramural, interscholastic, and intercollegiate programs of physical activity.
Mr. Hinkle.

10:30 (3)

**PS352F. Theory and Practice of Football.**

(1½)

**PS351F. Theory and Practice of Basketball.**

(1½)

**PSYCHOLOGY**

**S261. Psychology I:** An introductory course designed to give an understanding of the fundamentals of psychology. Topics include a brief historical background, reflexes, emotions, and psychological mechanism involved in behavior, etc.
Mr. Shultz.

8:30 (3)

**S263. Psychology II:** A continuation of Psychology I. Through the laboratory approach the fundamental and complex mental processes, together with their applications, are studied. Topics include attention, thinking, learning, etc.
Mr. Carlile.

9:30 (3)

**S461. Animal and Human Learning:** A description, analysis, and comparison of animal and human learning from experimental evidence resulting from laboratory investigations.
Mr. Shultz.

7:30 (3)

**S467. Mental Tests and Measurements:** A course dealing with the chief facts of normal physical and mental development, making them the basis for study of minor differentiations, with border line cases and abnormal children.
Mr. Carlile.

8:30 (3)

**S470. Contemporary Schools of Psychology and Their Background:** A course designed to acquaint students with the various schools of
psychology and a brief outline of their historical background. Graduate and undergraduate credit.
Mr. Shultz.

**S477. Emotions, the Child and Teaching:** Study will be made of the general characteristics of the child and the processes of teaching and learning as these are specially affected by emotional display in the home, playground, and schoolroom by pupil, teacher and parent.
Mr. Richardson.

**GRADUATE COURSES**

**S512. Comparative Education:** Lectures, readings, and discussions of school systems with special reference to Great Britain, France, Germany, China, Japan, and South America. The ideals which dominate these educational systems, and comparisons instituted with the school systems of the United States.
Mr. Mock.

**S541. Elementary School Supervision:** A course for superintendents, supervisors, and supervising principals designed to treat the improvement of instruction as distinct from administrative duties.
Mr. Dalman.

**S542. High School Supervision:** A course presenting the high school problems related directly to the improvement of instruction. Open only to advanced students.
Mr. Mock.

**S543. Public School Administration:** A course designed for students planning to take administrative positions in public school systems. It plans to acquaint the student with sources and typical examples of the literature of school administration, the outstanding problems in the field and methods of handling these problems.
Mr. Dalman.

**[S544. Elementary School Administration:** A course consisting of lectures, discussions, readings, and reports on such topics as a daily program of studies, length of class periods, problems of grading, retardation, and acceleration, opportunity classes, the platoon system, discipline, credit for out-of-school activities, school reports.]

**Note:** Will be offered if 10 students enroll.

**S545. High School Administration:** A course, open only to advanced students, dealing with the usual high school problems not directly related to the improvement of instruction.
Mr. Ammerman.

**S546. School Buildings, Grounds, Equipment:** A course dealing with school building plans, construction costs, heating, ventilation, hygiene and sanitation, school equipment in use by community for other than school purposes, and playgrounds.
Mr. Gingery.
S547. Educational Finance: A study of budgets and accounts which seeks to acquaint students with the fundamental principles underlying the financial administration of the public schools.
Mr. Ammerman. 8:30 (3)

S641. Research and Thesis Writing: A graduate course which includes lectures, discussions and reports, with special emphasis on the examination of published investigations in education and methods of interpreting educational data. Required of all candidates for the master's degree in College of Education.
Mr. Richardson. 10:30 (3)

SPECIAL EDUCATION

S360. Special Class Methods: A course dealing with the methods of teaching slow-learning children; the adaptation of teaching methods in the social studies and tool subjects to the peculiar needs of children who deviate from the normal. Various types represented in the laboratory class, those children retarded academically because of physical or emotional maladjustment, as well as those who are slow or mentally retarded will be studied. Ample opportunity will be provided to observe actual teaching methods employed by a skilled and experienced teacher. This course is for those students who have had teaching experience. Class enrollment limited to twenty. Prerequisite, E463, or E464 or equivalent is recommended.
Mrs. Heavenridge. 10:30 (3)

S463. Study and Education of Exceptional Children: A general introductory course to the field of Special Education. Philosophy of Special Education, causative factors and educational needs of the eight major types of exceptional children. Suggested adaptation of materials and methods in teaching. Undergraduate credit. Graduate credit by special arrangement. (Members of this class will have the privilege of regular visiting periods to observe the work of the laboratory class.) This class limited to thirty students.
Mrs. Heavenridge. 11:30 (3)

THE LABORATORY CLASS

The activities of the exceptional children in the Laboratory Class on the campus will be the center of interest in the courses in the field of Special Education. The laboratory class will be in session from July 6 to July 30 five mornings each week. A limited number of children "who deviate physically, emotionally, and mentally to such an extent that they can best be taught in special classes," will be admitted upon application of the parent to Mrs. Heavenridge, director of the Special Education Classes. Clinical examinations will be conducted the week prior to the opening of the Laboratory Class to determine the physical, psychological, and academic possibilities of these children.

Skilled teachers, experienced in teaching many types of exceptional children, will assist Mrs. Heavenridge in the Laboratory Class. A regular class program, adapted to the peculiar needs of the children will be in operation. Speech correction, lip reading and other types of remedial work will be demonstrated.

All students enrolled in any course in Special Education will have opportunity to observe the group under supervision. Diagnostic study will be undertaken in the method classes offered.

S460. Observation and Diagnostic Teaching in Special Education: A course designed to acquaint the student with the various methods and
procedures used in teaching special classes, through observation and analysis of the situations as they arise. This class also provides opportunity for a limited number to do practice teaching under direct supervision. Credit applicable to license in Special Education. Student is required to take Observation to get credit for Diagnostic Teaching. Mrs. Heavenridge.

Special Unit Course in Special Education

S220. Methods in Teaching Lip Reading: A course designed for teachers interested in hard-of-hearing children. The course deals with the problems of such children, methods of selection of cases through use of 4A Audiometer and proper individual examinations, and the approved methods of teaching children with serious hearing losses. The instructor will use children in the laboratory class for demonstration. This course will be in session for six weeks of the summer session, beginning June 15.

Miss Louise Padou.

SPECIAL UNIT COURSES

S403. The Auditorium Period (I): The organization of the Auditorium period in the school program in order to give a definite place to the oral activities as a means of developing the social, civic, and individual interests of the child. Study of types of auditorium periods; equipment and administration; the teacher, her qualifications and preparation. The program; types, sources of material, preparation, presentation. Extensive bibliography. A practical course for those interested in the organization and administration of an auditorium or assembly hour. Demonstration periods daily.

Miss Harter.

S405. The Auditorium Period (II): An advanced course dealing with the following projects: (1) Program making and curriculum building in typical schools where there is a desire to include the auditorium as an integral part of the program. This will be of particular interest to principals who want help in their specific problems, and to teachers who represent them. (2) Evaluation of Materials. Designed to acquaint supervisors and teachers with recent publications and with standards for selection and evaluation of subject matter. (3) Practice teaching under the supervision of the instructor if requested. Prerequisite: Auditorium I or equivalent.

Miss Harter.

S454. Reading Problems: A series of lectures and clinical demonstrations will be presented for six consecutive days in periods of two and one-half hours each during which a functional program of reading will be presented including all levels from kindergarten to college. This will be followed by suggestions for a diagnostic and remedial program interspersed with clinical examinations of children from all age groups. Individual conferences will be held with class members who will have an opportunity for observation of experts in action in a children's demonstration clinical class.

Mr. Townsend.
College of Business Administration

ECONOMICS AND BUSINESS ADMINISTRATION

S201. Principles of Economics: A course designed to give the student an understanding of the fundamental principles of economic science. Open to sophomores.
Mr. Kelso. 10:30 (3)

S250, S251. Principles of Accounting: An introduction to the proper procedure relative to the handling of assets, liabilities, and net worth; journalizing, posting, merchandising activities; and introduction to the procedure of manufacturing accounting. Laboratory sets will be used. Continuous course, covering the material of the full year course. Meets two periods each day. Students having credit for the first semester may take up the second semester at the middle of the term.
Mr. Bridenstine. 7:30-9:30 (6)

S302. Types of Economic Organization: An inquiry into the principles underlying a proper organization of economic life. Includes a study of utopias, socialism, communism, co-operation, capitalism, and other work-organizations. Prerequisite, 60 semester hours of credit.
Mr. Beckner. 9:30 (3)

S307. Methods of Teaching Economics in High School: A course designed to meet the State license requirement in methods of teaching economics in high school. This course is identical with course 307 in the Department of History and Political Science and course 307 in the Department of Sociology.
Mr. Peeling. 7:30 (3)

S310. 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.
Mr. Kelso. 9:30 (3)

S317. 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; of the methods of distributing securities in the United States and abroad. Fee, $1.00.
Mr. Kelso. 11:30 (3)

S320. Introduction to the Study of Labor: 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.
Mr. Beckner. 7:30 (3)
Mr. Bridenstine. 10:30 (3)

S340. 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.
Mr. Beckner. 8:30 (3)

Commercial Courses and Secretarial Science

S190. Elementary Stenography: A course designed for those who have had no previous training in stenography.
Miss Vanden Brook. 8:30 (2)

S192. Elementary Typewriting: A course designed for those who have had no training in the touch system of typewriting. Laboratory fee, $5.00.
Miss Vanden Brook. 8:30 (1)

S308. Methods of Teaching Commercial Subjects in High School: A course designed to satisfy the state license requirement in methods of teaching commercial subjects in high school.
Mr. Barnhart. 9:30 (3)

S390. Advanced Stenography: A course in which the principles acquired in the earlier courses are applied in developing skill and accuracy in writing and transcribing shorthand.
Miss Vanden Brook. 10:30 (3)

S392. Advanced Typewriting: A course in the acquisition of speed in typewriting and in the writing of various forms of business letters. Laboratory fee, $5.00.
Miss Vanden Brook. 11:30 (2)

S398. Business Correspondence: A course designed to give the student systematic training in the writing of various types of business letters and interdepartmental reports and communications. Among the topics studied are the following: form and arrangement; psychological principles; special kinds of letters, such as form, introduction, reference, orders and acknowledgment of orders, credit, collection, sales, telegrams, etc.; mailing lists; mechanical devices for writing letters; and practice in dictating.
Mr. Barnhart. 10:30 (3)

Research

S401. Seminar: A course in which each student will be assigned a special problem for investigation. Open to seniors and graduate students.
Staff. Arranged (1-2)
Journalism

S440. **Press and Public Opinion**: The role of the newspaper and other media of communication in the formation of public opinion. The newspaper and government. Pressure groups and propaganda.

Mr. Hammargren.

**8:30 (3)**

**DIVISION OF**

**Library Science for Teachers**

**Information Concerning Licenses for Librarians**

Beginning with the school year of 1938-1939, each high school with a first class commission shall be required to employ a teacher with a license in library science and beginning with the school year of 1939-1940, each high school with a continuous commission shall be required to employ a teacher with a license in library science; (1) provided, that a temporary permit may be issued to a corporation upon the request of the superintendent for a teacher with 12 quarter hours or 8 semester hours of credit in library science; (Temporary permits may be renewed upon the completion of 3 semester hours of additional credit in library science). (2) provided, further, that beginning with the school year of 1940-1941, each high school with a first class commission shall be required to employ a teacher with a regular license in library science, option I, or a special license in library science; (3) provided, further, that school librarians in service on November 1, 1929, or with two years of service during the ten year period ending November 1, 1929, shall not be required to meet these license requirements; (4) provided, further, that the State Board of Education may at its discretion discontinue the issuance of temporary permits in library science.

1. The special license in library science may be issued to persons who have met the following requirements:

   a. Graduation from a library school properly accredited by the American Library Association (bachelor's degree) or the completion of the bachelor's degree with thirty semester hours (undergraduate or graduate) of library science earned in an institution accredited by the State Board of Education.

   b. Completion of fifteen semester hours of professional credit. (The specific professional courses shall be the same as for other special high school teachers' licenses. The State Director of Teacher Training and Licensing may substitute a course for student teaching.)

2. The regular high school license in library science, option I, may be issued to persons who have met the following requirements:

   a. Graduation from a properly accredited college or normal school (bachelor's degree).

   b. Completion of 24 semester hours of approved library science credit.

   c. Completion of license requirements for at least one other subject or subject group.

   d. Completion of professional requirements as for any regular high school teacher's license.

3. The regular high school license in library science, option II, may be issued to persons who have met the following requirements:

   a. Graduation from a properly accredited college or normal school (bachelor's degree).
b. Completion of 16 semester hours of approved library science credit.

c. Completion of license requirements for at least one other subject or subject group.

d. Completion of professional requirements as for any regular high school teacher's license.

These licenses shall be valid for librarians in elementary schools.

No institution shall be approved to offer training in library science for license purposes unless such institution holds membership in a regional, national, or other association of similar work.

All previous regulations relating to the requirements of teachers with a license in library science or to the requirements for a license in library science are hereby rescinded.

The following courses in Library Science to apply on the high school license, Option II, will be given during the Summer Session 1938.

**S344. Book Selection for High School Libraries:** A study of the principles and methods of selecting books and periodicals for the high school library, emphasizing book selection aids, publishers and editions. Some representative books, both recent and standards, will be discussed and evaluated for use in a high school library.

Miss Parker. 
7:30 (3)

**S342. Cataloging and Classification:** Instruction and practical problems in the making of a dictionary catalog for a high school library. Emphasis is placed on subject headings and analyrics suitable for a high school collection, the Dewey Decimal Classification, keeping of accurate accession and shelf records.

Miss Parker. 
11:30 (3)

**S208. Children's Literature:** An intensive study of children's literature, and the principles involved in the selection of children's books. Authors and illustrators of children's books are also studied.

Miss Henley.
8:30 (3)

**S349. Methods of Teaching the Use of Books and Libraries:** The aim of this course is to study the various methods of teaching the use of books and libraries to high school students. Various lesson plans will be worked out by the students.

Miss Parker. 
10:30 (2)

**S345. Reference:** A study of the content, scope and arrangement of standard reference books suitable for use in the high school. Dictionaries, Encyclopedias, Year books and Indexes will be evaluated for school purposes.

Mrs. Adams.
8:30 (2)

**S343. School Library Administration:** A study of the problems of organizing and maintaining effective library service in the modern secondary school. Some of the problems discussed are: planning and equipping the school library; librarians relation to faculty and students; integration of library service to curriculum; training of student assistants; and the keeping of statistics and records.

Mrs. Adams. 
9:30 (3)
Post-Summer Session

To meet the needs of those students who wish to continue their work through the month of August a limited number of courses are offered in the fields of Botany, Education, History, Speech and Sociology. Other courses than those shown in these fields will be offered if there is a sufficient demand. The term extends from August 8th to August 27th, including Saturdays. The courses meeting one hour each day will give a one-hour credit, and those meeting two hours each day will carry a two-hour credit. Not more than three credit hours can be made during this term.

The following courses have been definitely scheduled. Registrations for these courses will be taken, Monday, August 8th, from 8:00 A. M. to 5:00 P. M.

**Note:** All students desiring to take a course during this session are requested to meet with their instructor in the room assigned at 11:00 A. M., Monday, August 8th for assignments and other directions.

### Botany

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Either European or Indiana History will be given, if desired.

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STATISTICS
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REGISTER OF STUDENTS, 1937-38
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### EVENING AND EXTENSION COURSE REGISTRATION STATISTICS—1937-1938

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STUDENTS WHO RECEIVED DEGREES OR CERTIFICATES IN 1937
The College of Liberal Arts and Sciences

BACHELOR OF ARTS

Winifred Maxine Andrews, English-History, Columbus
Mary Wickler Antrim, English, Peru
Margaret Edith Bade, History, English, Indianapolis
M. Lucinda Barlow, Mathematics, Indianapolis
Eleanor Jane Beasley, Spanish, Indianapolis
Jane Beuret, English, Chicago, Illinois
Betty Lou Blackmore, English, Indianapolis
Mary Alice Brown, Home Economics, Indianapolis
Lucy McGee Buckley, Sociology, Indianapolis
Jasemine Mildred Bush, Spanish, Indianapolis
Joseph D. Calderon, magna cum laude, Economics and Business Administration, Indianapolis
Frank Wheeler Campbell, History, Noblesville
Jack Dent Carr, Zoology, Indianapolis
Wanda Ann Carter, Latin, Indianapolis
Marjorie Case, English, Indianapolis
Robert Allison Cash, Economics and Business Administration, Indianapolis
Betty Jane Colsher, Sociology, Indianapolis
Mary Louise Colvin, Journalism, Indianapolis
Elizabeth Cook, Economics and Business Administration, Indianapolis
Alsie Vivian Corn, Sociology, Indianapolis
Virginia Fay Cunningham, magna cum laude, Economics and Business Administration, Indianapolis
Mary Elizabeth Davenport, magna cum laude, English, Indianapolis
Ruth Josephine Davis, Sociology, Indianapolis
Alice Gertrude DeMiller, English, Indianapolis
Joy Alice Dickens, magna cum laude, Spanish-French, Indianapolis
Rose-Ann Doebber, English, Indianapolis
Virginia Jane Dungan, Sociology, Indianapolis
Grace Ferguson, English, Indianapolis
Mars Benton Ferrell, cum laude, Chemistry-Mathematics, Fortville
Doris Fillingham, Home Economics, South Bend
Jessie Fisher, English, Indianapolis
Sarah Elizabeth Frazer, cum laude, Latin, Indianapolis
Francis Joseph Funke, magna cum laude, French, Spanish, Indianapolis
Arthur Willard Gage, Sociology, Indianapolis
Thurman Ellis Gladden, Mathematics, Indianapolis
Dorothy L. Gray, magna cum laude, Latin, Indianapolis
Marjory Elizabeth Grayson, Sociology, Lexington, Kentucky
Jack Richard Hall, Zoology, Crawfordsville
Martha Rosalie Haworth, English, Journalism, West Newton
Catharine Agatha Heard, cum laude, Sociology, Indianapolis
Marjory Louise Hennis, Sociology, English, Indianapolis
Janet Hill, Home Economics, Indianapolis
Barbara Jean Holt, English, Indianapolis
Charles David Johnson, Administration, Indianapolis
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<td>Allan Burton McDiarmid</td>
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<td>Edith Marie Overtree</td>
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<td>June Pennington</td>
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<td>Frances Hollon Sewell</td>
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<td>Jeanette Tobey</td>
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<td>Herbert John Wilson</td>
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</table>
BACHELOR OF SCIENCE

IN SCIENCE AND MATHEMATICS

Eugene Greuling, cum laude.....Physics, Mathematics Indianapolis
Scott McCoy, magna cum laude....Botany Indianapolis
Charlotte Marie Young, magna cum laude Botany Potomac, Illinois

IN BUSINESS ADMINISTRATION

James Oliver Armstrong Economics Noblesville
Eldon M. Beghtel Economics Indianapolis
George R. Crawford Economics Columbus, Ohio
George Graycraft, cum laude Economics Noblesville
Richard Louis Curtis Economics Indianapolis
Dorothy Ann Dunbar Economics Indianapolis
Clarence Walter Gamedinger Economics Indianapolis
Earl Harold Gerkensmeyer Economics Seymour
Charlotte Merion Gillie Economics Fort Wayne
Norman Julius Grael Economics Indianapolis
Robert Harrison Graves Economics Indianapolis
Winston Griffin Economics Indianapolis
Wayne Hertenstein Economics Indianapolis
Ruby Anita Hill Economics Indianapolis
Corinne Hood Economics Indianapolis
Grayson Winfield Jones Economics Indianapolis
Mary Elizabeth Kalb Economics Springfield, Illinois
Cornelia Louise Kingsbury Economics Indianapolis
Charles A. McDaniel Economics Hinton, West Virginia
Harold Edwin Miller Economics Indianapolis
Paul William Moore Economics Indianapolis
Emerson Kiddwell Musgrave Economics Robinson, Illinois
William Nelson Economics Indianapolis
Elaine Oberholtzer Economics Indianapolis
John Francis O’Donnell Economics Indianapolis
Jesse Charles Pike Economics Plainfield
Theodore Murry Pruyn Economics Indianapolis
Virginia K. Sheely Economics Indianapolis
Martha Margaret Shepperd Economics Indianapolis
Louis Stauber Economics Indianapolis
Ralph Waldo Stout Economics Sheridan
Ralph Clyde Taylor Economics Indianapolis
Joseph Wolfe Tilford Economics Indianapolis
Louis Allen Whitesell Economics Indianapolis
Martha Elizabeth Williamson Economics Indianapolis

IN JOURNALISM

Edna Marie Fiedler Journalism Logansport
Kathryn Kilby, cum laude Journalism Indianapolis
Albert Grey McCord Journalism Lebanon
Marian Messick Journalism Indianapolis
Hugh M. Quill Journalism Indianapolis
Kathleen Louise Rigsbee Journalism Indianapolis
Helen Ross Smith, magna cum laude Journalism Indianapolis
Margaret Louise Trager Journalism Indianapolis
Joel Schaffer Williams Journalism Indianapolis
GRADUATES 1937  275

IN HOME ECONOMICS

Geraldine Broyles, magna cum laude
Marilynn Lucille Knauss, cum laude
Lois Reitzel, cum laude
Ruby E. Shanks
Nina Ruth Sherman
Mary Lee Wilson

IN RELIGION

BACHELOR OF SACRED LITERATURE

George Davis Bradley
Johnnie Valentine McHenry
Leland William Plew

The College of Education

CANDIDATES FOR CERTIFICATES

Helen Schneider Bridges
Alyce Marie Cory
E. Jane Coshow
Ruth Cradick
Anna Lee Craigle
Kathryn Estelle Fisher
Elizabeth Hagen
Marjorie Ruth Howard
Elizabeth Jane Hubbell
Evelyn Berdine Little
Lucile Roberta McDonald
Anna Lois McMullan
Olive Thomson Matthews
Jean Bonner Meek
Elizabeth Ottillie Messick
Martha Moore
Marily Frances Stellmack
Elizabeth Stroh
Barbara Jo Vestal
Mary Wynne
Catherine Zimmerly

BACHELOR OF SCIENCE

Harriett Ann Badgley
DeVilla Baker
Helen Maxine Boots
Catherine Clarice Bowsher
Emily Brown Clay
Verna Louise Craig
Helen Beatrice Crowe
Helen Zimmerman Daum, cum laude
Anna Achtien Dobson
Helen Alberta Dunlap
Beulah B. Hayes
Mary Muriel Hobson
Lawrence John Holmes
<table>
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<tr>
<td>Maxine Ingram</td>
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<td>Clifford W. Swift</td>
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<td>William Marshall Tackett</td>
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<td>Perry Kay Zahn</td>
<td>Education</td>
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**BACHELOR OF MUSIC**

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Oliver George Carothers</td>
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<td>Henry Wilson Fornoff</td>
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**MASTER OF SCIENCE**

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<td>Loran E. Bills</td>
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<td>Arthur S. Bramblett</td>
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<td>Loren L. Brown</td>
<td>Arcadia</td>
<td>Bachelor of Science, Ball State Teachers College, 1927.</td>
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<td>Gertrude Frances Buehler</td>
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<td>Bachelor of Arts, Butler University, 1927.</td>
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<td>Jessie Breadheft Chalifour</td>
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<td>Bachelor of Arts, Butler University, 1913. Thesis: Pupil Grading of Compositions.</td>
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<td>William Chalmer Condon</td>
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<td>Bachelor of Science, Indiana Central College, 1926.</td>
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<td>Lorene Taylor Cook</td>
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<td>Bachelor of Arts, Butler University, 1924. Thesis: The Effect the Economic Disorder Has Had on Indianapolis Libraries.</td>
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Gayle S. Eads. .......................................................... Osgood
Bachelor of Arts, Franklin College, 1928.

Lorenzo Edward Ervin .............................................. Indianapolis
Bachelor of Science, Butler University, 1933.

William M. Floyd .................................................... Frankfort
Bachelor of Science, Central Normal College, 1932.

Arlie Edmond Fravel ............................................... Corydon
Bachelor of Science, Central Normal College, 1932.
Bachelor of Arts, Central Normal College, 1932.

Lora Belle Fravel .................................................... Corydon
Bachelor of Science, Central Normal College, 1932.
Bachelor of Arts, Central Normal College, 1932.

Olive Katherine Funk .............................................. Indianapolis
Bachelor of Science, Butler University, 1930.
Thesis: A Dissertation on Reading Materials Used by Children During the Years 1776-1936.

Robert Addis Gossett ............................................... Waldron
Bachelor of Arts, Central Normal College, 1925.
Thesis: Intelligence in Action.

Harold Kenneth Harding ......................................... Indianapolis
Bachelor of Arts, Franklin College, 1923.

Harry Paul Hatton .................................................. Camden
Bachelor of Arts, Central Normal College, 1929.

Lyel May Hess ......................................................... Indianapolis
Bachelor of Arts, Butler University, 1930.

Vivian L. Jones ....................................................... Danville
Bachelor of Science, Indiana State Teachers College, 1931.

Marie Antoinette Lane ............................................ Indianapolis
Bachelor of Arts, Wilberforce University, 1927.

Ancel G. Lewis ....................................................... Indianapolis
Bachelor of Science, Central Normal College, 1934.
Thesis: Analysis of High School History Textbooks from 1836 to 1936.

Edward Burt Longerich ............................................. Indianapolis
Bachelor of Arts, Iowa University, 1935.

Effie Barclay McDougall ........................................ Indianapolis
Bachelor of Philosophy, Adrian College, 1912.
Lucy Montgomery .................................................. Indianapolis
Bachelor of Science, Butler University, 1933.
Thesis: The Relation Between Achievement in Home Economics and Intelligence.

Dale Morehead .................................................... Tipton
Bachelor of Science, Central Normal College, 1934.

Louise Anna Ross .................................................. Indianapolis
Bachelor of Science, Butler University, 1931.

Clyde O. Spears .................................................. Indianapolis
Bachelor of Science, Indiana State Teachers College, 1931.

Frances Charlotte Thomas ....................................... Indianapolis
Bachelor of Arts, Butler University, 1926.

Anna R. Torrence .................................................. Indianapolis
Bachelor of Science, Teachers College of Indianapolis, 1928.

Floro Torrence .................................................... Indianapolis
Bachelor of Science, Butler University, 1928.

Forest G. Waters .................................................. Indianapolis
Bachelor of Science, Central Normal College, 1936.
Thesis: A Study of the Theories of Discipline Commonly Accepted by Indiana Teachers.

George Elmer White ................................................ Indianapolis
Bachelor of Science, Northwestern University, 1920.

Charles W. Youngman .............................................. Indianapolis
Bachelor of Science, Indiana State Teachers College, 1932.

The Division of Graduate Instruction

MASTER OF ARTS

Virginia Powell Billings ......................................... Indianapolis
Bachelor of Arts, Butler University, 1935.
Graduate Major: English.
Thesis: Shakespeare's Dramatic Method as Illustrated in "The Life and Death of King John."

Albert Fred Grothe ............................................... Milwaukee, Wisconsin
Certified by Concordia College and Concordia Theological Seminary.
Graduate Major: Semitics.
Thesis: A Re-Investigation of Messianic Prophecy in its Development Prior to the Seventh Century B.C.

Lucile A. Gwyn .................................................... Indianapolis
Bachelor of Arts, Butler University, 1929.
Graduate Major: English.
Kenneth E. Hartman .................................................. Indianapolis
Bachelor of Arts, Wittenberg College, 1932.
Bachelor of Divinity, Wittenberg College, 1935.
Graduate Major: Christian Doctrine.

Madge Lorena Kesselring ............................................. Castleton
Bachelor of Arts, Ball State Teachers College, 1929.
Graduate Major: English.
Thesis: Matthew Arnold and His Work in Education.

Richard Powell Mead ................................................ Danville
Bachelor of Arts, Spokane University, 1929.
Bachelor of Divinity, Butler University, 1935.
Graduate Major: Christian Doctrine.

Arthur Wayne Murphy ................................................. Indianapolis
Bachelor of Arts, Butler University, 1934.
Graduate Major: History.
Thesis: Francis Marion and His Brigade During the Revolution.

David Claude Pellett ................................................ Greentown
Bachelor of Arts, Butler University, 1935.
Graduate Major: Semitics.

Robert Lewis Prettyman .............................................. Indianapolis
Bachelor of Arts, Butler University, 1936.
Graduate Major: Botany.

Norman Henry Schultz ............................................... Indianapolis
Bachelor of Arts, Butler University, 1935.
Graduate Major: Religion.
Thesis: Cultural Conditions of Palestine During the Age of the Post-Diluvian Patriarchs.

Jean Harris Wood ...................................................... Indianapolis
Bachelor of Arts, Bucknell University, 1929.
Graduate Major: English.
Thesis: The Revolutionary Philosophy of Samuel Taylor Coleridge.

MASTER OF SCIENCE

William Tilford Davis ............................................... Indianapolis
Bachelor of Arts, Ohio University, 1925.
Graduate Major: Economics and Business Administration.

William Michael Smith
Bachelor of Science, Butler University, 1933.
Graduate Major: Botany.

The College of Religion

BACHELOR OF DIVINITY

IN COURSE

Enos E. Dowling
Bachelor of Arts, Hanover College, 1929.

Harold Gordon Elsam
Bachelor of Arts, Bethany College, 1923.
Thesis: Some of the Problems of Peacemakers and Their Solution in the Light of the Beatitudes.

Robert Edward Hanson
Bachelor of Arts, Bethany College, 1931.

Thomas Lamont Henry
Bachelor of Science, Pennsylvania State Teachers College, 1931.

Honors

MAGNA CUM LAUDE

Geraldine Broyles
Thesis: Infant Diarrhea.

Joseph Calderon

Virginia Fay Cunning

Mary Elizabeth Davenport
Thesis: Arnold the Educator.

Joy Alice Dickens
Francis Joseph Funke  
Thesis: Three Aspects of Child Life in Lion Frapie.

Dorothy L. Gray  
Thesis: Cicero's Ideas on Education.

Mary Elizabeth League  
Thesis: A Comparison of the Plot and Characters of Shakespeare's Comedy of Errors and the Menaechmi of Plautus.

Scott McCoy  
Thesis: An Ecological Study of a Typical Illinoian Till-Plain Forest.

David Mayer Silver  

Helen Ross Smith  

Jeannette Tobey  

Herbert John Wilson  
Thesis: The Role of Religion in the Founding of the Pennsylvania Colony.

Charlotte Marie Young  
Thesis: The Acidity and Moisture Content of Tree Bark.

CUM LAUDE

George Craycraft  
Helen Zimmerman Daum  
Mars Benton Ferrell  
Sarah Elizabeth Frazer  
Eugene Greuling  
Catherine Heard  
Frederick Doyle Kershner, Jr.  
Mary Schleicher Keltner  
Kathryn Kilby  
Marilynn Knauss  
Cecelia Kupferschmidt  
Betty Lutz  
Edith Marie Overtree  
June Pennington  
Lois Reittel  
Era Louise Rhodehamel  
Frances Hollon Sewell  
Mary Vance Trent

Mary Barbara Zechiel

PHI KAPPA PHI

SENIORS

James Oliver Armstrong  
Geraldine Alice Broyles  
Joseph D. Calderon  
George Craycraft, Jr.  
Helen Zimmerman Daum  
Mary Elizabeth Davenport  
Joy Alice Dickens  
Ruby Ethel Ertel  
Mars Benton Ferrell  
Sarah Elizabeth Frazer  
Francis Joseph Funke  
Dorothy L. Gray  
Catherine Agatha Heard  
Mary Schleicher Keltner  
Frederick Doyle Kershner, Jr.  
Marilynn Lucile Knauss  
Cecelia Ann Kupferschmidt  
Pauline M. Larson  
Mary Elizabeth League  
Betty Lutz  
David Mayer Silver  
Mary Vance Trent
GRADUATE STUDENTS ELECTED IN JULY, 1936

Albert Russell Bailey
Fred L. Brock
Delver Fremont Carder
Agnes Mahoney
Grace M. Pitt
Nina G. Sims
Marie Harrison Stewart
Emma Louise Volland
Lillian Marie Volland
Evan B. Walker
Katherine Smool Youngman

SENIOR SCHOLARSHIPS

Full Tuition: Elizabeth Ruth Myers
Half Tuition: Dorothy Sparrow
Thelma Cooley

REGISTER OF STUDENTS 1937-1938

Abbreviations: S—Summer Session  I—First Semester
                    PS—Post-Summer Session  II—Second Semester

Classifications: Students who attended the regular sessions are classified according to the college in which they are getting their degrees, i. e.

Undergraduate
College of Liberal Arts. A
College of Religion R
College of Education E
College of Economics and Business Administration B

Graduate
Graduate Instruction GI
Graduate in the College of Religion GR
Graduate in the College of Education GE
Graduate in the College of Economics and Business Administration GB

Students who were special or unclassified are listed in the college in which the major part of their work was taken.

Students who attended the Summer and Post-Summer Sessions are not classified in this list.

Where the home town or home state is not given, Indianapolis or Indiana is understood.

Abbott, Portwood Lee, B (I, II)
Abts, Henry William, B (I, II)
Syracuse
Ackmann, Carolyn Christine (S)
Adair, Virginia E. (S)
Adams, Ira M., GR (II)
Adams, June Boots (S) Peru
Adams, Magdalene L., GE (I, II)
Addington, Ray R. (PS)
Addison, Gladys L. (S) Charlotteville
Adolay, Helen Marie (S)
Aillet, Joe (PS) Natchitoches, Louisiana
Ake, Robert Scott, A (I, II) Ft. Wayne
Aken, Llyde Jeannette, E (I, II)
Albertson, James Phillip, A (I, II)
Fairmount
Allee, Dorothy Elizabeth, A (I, II)
Quincy
Allen, Frank Dixon, A (I) Brooksville, Florida
Allen, Lowell Emerson (PS) Youngstown, Ohio
Allen, Lucy E. (S)
Allen, Madeline M. Chambers (S)
Allen, Madge Brevaarde (S)
Allen, Wilbur Noble (PS) Newcastle
Allender, Edwin R., A (PS, I, II)
Alley, James A., GR (S, I)
Alley, Paul David, A (I, II)
Alvis, Betty Louise, E (I, II)
Alwes, Charlotte Allen (S)
Alwes, Daysie M. (S)
Ammerman, Ellen Sue, E (I, II)
Amos, Margaret Jane, E (I, II)
Rushville
Anderson, Guy C. (S) New Augusta
Anderson, Marian Frances, GE (II)
Anderson, Matilda (S)
Anderson, Richard, A (I)
Andrews, Genevra Ross, E (II)
Clermont

Andrews, Keith Le Ferne, A (S, I, II)
Clermont

Andrews, Marjory Jane, B (I, II)

Andrews, William Harvey (PS)
Medaryville

Andrews, William Kile (S, PS)
Paris, Illinois

Andrews, Winifred Maxine (S, PS)
Columbus

Andry, Carl Franklin, A (I, II)
Huntingburg

Angelopoulos, Angelo, B (I, II)

Arch, Roland William, A (I, II)

Arick, Philip J., A (I)

Armour, Ida May, A (I, II)

Armstrong, Gerald D. (PS)
Greenfield, Ohio

Armstrong, Paul, E (I, II)
Fort Wayne

Arndt, Russell (PS)
Mishawaka

Arnold, George S. (S)

Arnold, Herbert William, A (I, II)

Arnott, Esther Alene (S)
Rensselaer

Arzet, Anna Katherine, A (I)

Ashley, Etta Paschen, E (II)

Ashley, Ruth Tryphena (S)
Oak town

Ashman, Carl (PS)
Brownsville, Pennsylvania

Atherton, Hilton Brown, A (II)

Atkins, Edward Raymond, A (I)

Atkins, Shirley David, B (I, II)

Atwater, Carleton William, GR (I, II)

Atwater, Mary Elizabeth, A (I, II)

Auferheide, Ann, (S, I, II) (A)

Auferheide, Charles Edward, A (I, II)

Aughinbaugh, Mary Ellen, B (I, II)

Ausman, Frederick, B (I, II)

Bloomfield

Austin, Besse (S)

Axtell, Genevieve Hazel, A (II)

Missouri Valley, Iowa

Ayers, Norval Welch, B (I, II)

Plainfield

Ayers, Robert Weaver, A (I, II)

Greentown

Babb, Inez Johnson (S)

Bacevich, Bron C. (PS)
Peru, Illinois

Bagnoi, Marie Dorothy (S)

Bagnoi, Michael, B (S, I, II)

Bailey, Aline, A (I, II)

Bailey, Charles Vinnedge, B (I, II)

Bailey, Ethel, B (I, II)

Bailey, Gratz Enoch, B (I, II)

Bailey, Maudele A. (S)

Bailey, Ora Lee (S)

Baillie, Harry L., E (I, II)

Peoria, Illinois

Baird, Melvin Scott, A (S, I, II)

Baker, Erma L. (S)

Baker, Evelyn Louise, B (I)

Baker, Marguerite E. (S)

Baker, Michael David, A (II)

Baker, Nancy Helen, A (I, II)

Noblesville

Baker, Thomas Sherman (S)

Anderson

Balch, Lucy Ann, GE (II)

Baldauf, Edna Elizabeth (S)

Pittsboro

Baldwin, Robert Russell (S)

Kokomo

Baldwin, Susan Mabel (S, PS)

Kokomo

Baldwin Thomas Walter, A (I)

Rochester

Ball, Bernice (S)

Ball, Betty Jane, A (I, II)

Ball, Louise Katherine (S)

Lafayette

Ballinger, Barbara Elizabeth, A (S, I, II)

Bange, Betty Claire, A (I, II)

Banister, Kathryn Jean, A (I, II)

Barclay, Leota Miller (S)

Barkan, Dina Frances, E (I, II)

Benjamin Harrison

Barnes, Mary Reul (S, PS)

Madsion

Barnett, Jeanette Alice, E (I, II)

Barnett, John Titus, B (S, PS, I, II)

Barney, William Virgil, GR (I, II)

Eugene, Oregon

Barrett, Blanchalice, B (I, II)

New Augusta

Barry, Anna Lucille, A (I, II)

Barry, Maurice Joseph, A (I, II)

Bartlett, Martha Ann, E (II)

Bartlow, Albert Esco, A (I, B (II)

Bartlow, Berta Maxine (S)

Barton, Anna Marie (S)

Barton, Laura Helen, A (I, II)

Covington, Kentucky

Bashore, Elizabeth Ann, A (I, II)

Bass, Leland Ellsworth, A (I, II)

Bassett, Homer Higgins, A (II)

Bassett, Virginia Lou, E (S, II)

Hammond

Bates, Betty W., A (I, II)

Bates, Flora Jane Carter Davis (S)

Batties, Mark Douglass, B (I, II)

Bauchert, Guy Taylor (S, PS)

Atlanta

Bauer, Rosa Mary, A (II)
Baum, Faye Paul (S)
Baumbaugh, Joseph Walter, E (I, II) Marion
Baxter, Francis H. (PS) Massillon, Ohio
Beall, Eleanor Mae (S)
Beasley, John Byron, A (I, II)
Beaver, Donald K. (S) Castleton
Beaver, Ruby Gene (PS)
Bebinger, Esther Alberta, A (S, I)
Bechtold, Alpha Juanita, A (I, II) Hammond
Becker, Carleen, A (S, I, II)
Behtel, Velora Ivonah, B (I, II)
Behr, David Warfel, B (I, II)
Behrmann, Betty F., A (I, II)
Belcher, William Forbes (S)
Bell, Chloris, A (I, II)
Bell, Doris Louise Steffy (S) Greenfield
Bell, Dorothy Mae, A (I, II)
Bell, George Oren, GR (II) Bargersville
Bell, Mary Evelyn A (I, II) Lafayette, Bell, Viola Esther Noon, R (II) Bargersville
Bell, William E., R (I, II)
Belle, Manuel, A (I, B) (II)
Benedict, Elma Belle, E (I, II) Oxford
Bennett, Adelaie Price, B (I, II)
Bennett, Mary Jane (S)
Bennett, Ray, R (I, A) (II)
Bennett, Van Donald, E (I) Bryant, Illinois
Benson, Laura K. (S)
Berberich, Leeta Lingle (S)
Berns, Philip E., B (II)
Berry, Helen Ruth, B (I, II) Rushville
Berting, John Fredrick, A (S, I)
Best, Reginald Minor, R (I, II)
Bettcher, Gerald Alfred, E (I) North Liberty
Bettis, James Edwin, A (I, B) (II)
Bible, Richard E., E (PS, I, II) New Richmond
Bicknell, Louise Frances, A (I, II)
Bicknell, Wayne E., E (I, II)
Bierbaum, Ruben Julius, GI (I)
New Palestine
Bill, Robert, A (I, II)
Billette, June Elizabeth, A (I, II)
Billhymer, Paul Leon, A (I, II)
Billings, Thomas Montgomery, B (I, II)
Billingsley, Hallie Alexander, (S) Anderson
Bills, Mildred Wilmer, A (I)
Bingham, Catherine Ann, A (S, I, II)
Bingham, Remster, A (I)
Bingham, Ruby Ann, E (I, II)
Bird, Max Milton, A (I, II)
Bitter, Maryann, A (I, II)
Bitter, Sylvester Conrad, B (I)
Bjorklund, Carl Raymond, A (I, II) Crown Point
Black, Alice Weaver (S)
Black, Elizabeth Eileen, A (I)
Black, Ima Hatfield (S)
Black, John Doyle (S, PS) Remington
Blacker, Rex, B (I, II) Remington
Blackley, Marian Ruth (S)
Blackley, Virginia Anne, A (I, II)
Blackstone, Jack Cortland, A (I, II)
Blake, Harry Kirk, A (I)
Blake, H. La Verne (S) Louisville, Kentucky
Blake, Jane, A (I, II)
Blake, Shirley John (PS) Frankfort
Blankschein, Jane Louise, E (I, II) La Porte
Boa, Andrew, E (I, II) Vicksburg, Mississippi
Boaz, Bette Gale, A (I, II)
Boettcher, Betty Jane, A (I, II)
Bohnstadt, Lillian (S)
Bolanowski, Joseph John, B (I, II)
Bolter, Ruth Applegate (S) Perth Amboy, New Jersey
Bolen, Alma Price Williams (S)
Bolton, Charles S. (PS) Athens, Ohio
Bolton, William Leroy, A (S, I, II)
Boling, Jean Elizabeth, GE (II)
Bolint, Virginia Sylvia, A (I, II)
Bolton, Ruth Applegate (S) Kokomo
Bonifield, Margaret Lora (S, PS) Kokomo
Bookedis, Georgia H., B (S II)
Boone, Abbie Helen (S) Laconia
Booth, Jean Henrietta, A (I, II)
Borchers, Horace R. (S) Mound City, Missouri
Borders, Mary Ellen, E (I, II)
Botkin, Frances Armantrout (S)
Bowden, Cathryn Dale (S)
Bowden, Claire Louise (S)
Bowden, Mary Evelyn, A (I) Missouri
Bowl, John Randolph, A (S, II)
Bowers, Glendon Dale, A (II)
Bowers, John Frederick, GE (I, II)
Bowles, Lucile, E (I, II)
Bowman, Douglas Chester, R (I, II) Baltimore, Maryland
Bowman, Margaret Ann, A (I, II)
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Crook, Kenneth Kile (S) Rockford, Illinois
Cross, Carol Louise, A (I, II) Charleston, West Virginia
Cruise, Charles Roland, B (I, II) Carmel
Crutchlow, Franklin Lee, R (I, II) Cunningham, Alice Beryl (S, PS) Peru
Davis, Jacqueline (S) Davis, Jeanne Palmer (S) Davis, Lewis Russell (S) Clermont Davis, Marjorie Lucille (S) New Augusta
Davis, Max, E (II) Louisville, Kentucky
Davis, Richard E., A (S, I, II) Logansport
Davis, Robert Hughes, B (I, II) Terre Haute
Davis, William Albert, A (I, II) Logansport
Day, Roxie Lingle (S) Dean, Ethel L. Bryan (S) Dean, Noble (S) Dean, Rena Lois Marie, A (I, II) Dean, Rose Marie (S, PS)
De Clark, William Everett, A (I, II) St. Paul, Minnesota
Denzler, Bertha Magdalene (S) Deranian, Jane, A (I, II) Derrick, F. Pete (PS) Newport, Kentucky
Deupree, Betty Jean (S) De Vaulet, Charlton Ross (PS) Kingsport, Tennessee
Dickson, Melvin Curtis, R (S, I, II) Crockett, Texas
Diddel, Judith Ann, E (I, II) Diener, George Straub, A (I, II) Dienhart, Marie Margaret (S, PS) Lafayette
Dietrich, Myrtle Phillips (S) Noblesville
Dobson, Rosemary Louise, E (S, I, II) New Augusta
Doty, Louise Evelyn, E (I, II) Downey, Tom (PS) Plymouth
Downey, Verda Mae (S) Kokomo Dragoo, Wava Cynthia Landram (S) Kokomo
Drechsel, Bonnie Jean, A (I, II)
Fleming, Kenneth E., E (I)
Lebanon
Fletcher, Marguerite Ellen, B (I, II) Crawfordsville
Flora, Eva M. (PS)
Florance, Maebelle Glynn (S, PS)
Floyd, Mary Frances, E (S, I, II)
Floyd, Walter William (S)
Fogas, Meta Marie (S)
Fohl, Ruth Kathleen (S)
Foley, Jean Lou, A (I, II)
Folkening, Irving Fred, A (I, II)
Ford, Jane, A (I, II) Noblesville
Ford, John Willard, A (I, II)
Ford, Lester Hiram, R (I, II)

Michigan City
Foreman, Louella (S) South Bend
Foreman, Margaret Eloise, A (I, II)
Forman, Jane Anthony, A (I, II)
Forrest, Jeanne Marie, A (I, II)
Forst, Constance (S)
Foster, Benny Barrett, A (I, II) Maxwell
Fosdick, Grace C. (S)
Fosgate, Evelyn Berniece, E (I, II)
Foster, Betty Jane, A (I, II)
Foster, Georgia Mae, A (I, II)
Foster, Margaret Louise, A (I)
Foster, Maude (S) Crawfordsville
Fougerousse, Sister Mary Hortense (S) Oldenburg
Fowler, Amy Alice (S) Madisonville, Kentucky
Fox, Maybelle Shake (S) Sandborn
Fox, Michael Bernard, A (I, B) (II) Columbus, Ohio
Fox, Virginia Rose, E (I, II)
Foxworthy, Gordon Claude (S)
Foxworthy, Richard Allen, B (I, II)
Francescom, Gino Peter, B (S, I, II)
Franklin, William Lewis, A (I, II)
Franklin, William Lewis, A (I, II)
Cloquet, Minnesota
Free, Gertrude (S)
Freed, Vella Jane (S)
Freel, Curtis Charles, A (I), B (II) Oak Park, Illinois
Freeman, Esther Margaret, E (II)
Freeman, Mary Catherine, B (S, I, II)
Freeman, Myrtle M. (S)
Freije, Faoize, A (I) Syria
French, Barbara Jeanne, A (I)
French, Marguerite West (S)
Frev, Franklin E. (S) Waukegan, Illinois
Frick, Helen McCaffery (S)
Fridrich, Charles Hudson, B (I, II)
Friedgen, Juanita Ruth, E (I, II)
Fries, Fred William, A (I, II)
Friesner, Gladys Miller (S)
From, Isadore, A (I, II) Mishawaka
Gladden, Thurman E. (S)
Glaubke, Robert William, B (I)
Glezen, Martha Dillin (S) Jasper
Glockling, Teresa Hannah (PS)
Glossop, Ellene, B (I), E (II)
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Goens, Marguerite F. (S)
Goetz, Montrew Darling, A (I, II)
Golay, Ronald Francis, E (II)
Gold, Philip Leonard, A (I, II)
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Goldbach, Richard N., E (S, PS, I), B (II)
Goldberg, Gertrude Gioia, A (S, I, II)
Goldburg, Marjorie Jane, B (I, II)
Golden, Kenneth Dale, B (I, II)
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Goldstein, Albert, A (I, II)
Gomez, Marguerite Florence, A (I, II)
Goodson, Mary Nancy (S) Newman, Illinois
Goodwin, Wanda Jean, E (S, I, II)
Gordon, A. Ethmer, B (S, I, II)
North Salem
Gordon, Vera Phillips (PS) Ft. Wayne
Gorman, Jennie M. (S)
Gorman, Marie Louise, A (II)
Gormley, Greta Miskell, A (I)
Gossman, Arthur Martin, A (I, II)
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Graf, Genevieve Goth (S)
Graham, Betty Jane, E (I, II)
Graham, Dorothy Delores, B (I)
Chicago, Illinois
Graham, Susia (S) Bloomfield
Grant, Lucile Linthecome (S)
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Grauel, Norman Julius, G (PS, I)
Gray, Esther Irene, A (I, II)
Gray, Harry Thomas (S)
Gray, June, A (I, II)
Gray, Mark William (S)
Green, Elizabeth Mason (S) Madisonville, Kentucky
Green, James Daniels. B (II)
Green, John J. (PS) St. Louis Missouri
Green, Lowel Eugene, B (I, II)
Montpeller
Green, Russell Morris (PS) Trafalgar
Greene, Harry Stanley (PS) Orlando, Florida
Greer, Leona (S)
Gregg, Grace Fulmer (S) Greenwood
Gregory, Carolyn Weed (S)
Grepp, Eleanor, E (I, II)
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Guss, Joanna Sarah (S) Nashville
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Gwinn, George A., A (I, II)
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Jones, Nettie (S)
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Jones, Toy William (S) Peru
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Jose, Joanne, A (I, II)
Joseph, Loren Robert, E (I, II)
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Joyce, Richard Bruce, B (I, II)
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Kaser, Marjorie Louise, A (I, II)
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Kemp, Suzanne Louise, E (I)
Kemper, Robert D. (S) Kokomo
Kendall, Arthur Sullivan (PS)
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Kennedy, Florence Gates, A (I, II)
Keno, George Dickson, B (I, II)
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Kerber, William Robert, A (I, II)
Kernel, Jo Rita, E (I, II)
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Kimber, Earl (PS) Detroit, Michigan
Kimberlin, Dorothy Bowen (S)
Kimble, Janet Nita, A (I)
Kimes, Ruth Claudene, A (I, II)
Kimmich, Robert Andre, A (I, II)
Kimsey, George Greeley, GR (S, I, II)
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King, Evelyn Mildred, E (I, II)
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King, Mattie Geneva, A (S, I, II)
King, Vernice Alma (S)
Kingan, Bert, B (I, II)
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Kirk, Ethel (S)
Kirkpatrick, Nelle Kathryn (S)
Kitley, Jesse Lowell, E (II)
Klein, Cecilia, E (I)
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Kniesley, Norbert William (PS)
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Knowlton, Melvin C. (PS) Massillon, Ohio
Knox, Robert, A (I) Bloomfield
Knox, Victoria Aurilla, A (I, II)
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Koehrn, Carl John, B (I)
Kohn, Leanora (S, PS) Kokomo
Kolb, George Chamberlin, A (I, II)
Konkle, Mae (S) Versailles
Koopman, Evelyn (S)
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Kuntz, Marie Sophie, B (I, II)
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Laatz, Mary Jane, A (I, II)
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Ladd, Jean Van Auken, A (I, II)
La Follette, Ellen Jane, B (I, II)
La Follette, J. C. (PS) Crawfordsvile
Lahmann, Margaret Jeanne, E (I, II)
La Masters, Theresa Ruth, E (I, II)
Lamb, Phyllis Lucille, E (I, II)
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Lambert, C. W., A (I, II)
Lammert, Robert Jacob, B (I, II)
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Lanahan, Victor Herbert, B (I, II)
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Lockhart, Elizabeth Anne, B (I, II)
Lockhart, Cecil Thornton, A (I, II)
Newcastle
Loder, Lois Jane, B (I, II) Kokomo
Lomond, W. Paul (PS) Midland, Pennsylvania
Lorenz, Anna Louise, A (I, II)
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Lowe, E Douglas, B (I)
Lowery, Betty Jean, A (I, II)
Lowery, Eula Leota Wyant (S, PS)
Noblesville
Loy, Myrtle Mae (S) Danville
Ludlow, Phyllis Lorene (S)
Ludwig, Jane Ellis, B (I, II)
Luichinger, Frances Clair, B (S, PS, I, II)
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Lutz, Bertha (S) Tipton
Lutz, Richard John (S)
Luzar, Frank J. (S, PS)
Lynch, Iris Innes (S)
Lynn, Doris Louise (S, PS)
Lykournski, Edwin Austin (PS)
Crothersville
Lytton, Mary Louise, A (I)
McAtee, Betty Jeannette, A (I)
Fortville
McBeth, Josephine E. (S) Logansport
McBride, May (S) Freedom
McCafferty, Grace (PS) Washington
McCain, Flora Kathryn, A (I, II)
Burlington
McCammon, Ruby (S)
McCarthy, Dennis Timothy, A (I, II)
McCoy, Lela Alice, E (I, II)
McClain, Horace N. (S) Franklin
McClellan, Esther Knop (S)
McClain, Lela Alice, E (I, II)
Whiteland
McClellan, Martha Louise, A (I, II)
McCoy, Scott, GI (S, I, II)
McDonald, William Frederick, A (I, II)
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McCord, William Russell (PS)
Sanford, Florida
McCray, James William, E (I, II)
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McCready, James Thomas, B (I, II)
McDaniels, Jefferson Jackson, B (I)
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Lawlis, George Charles, B (I)
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Lawson, Geraldine Elizabeth, A (II) Hammond
Lawson, Robert Morris, A (S, PS, I, II)
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Lay, Joan, A (I, II)
Lay, William Harry, A (I, II)
Leachman, Robert Fredrick, B (I, II)
Leafgreen, Sadie Olivia (S) Kokomo
Leavell, Annamae, R (I, II)
Ledbetter, Carl S., GR (II) Russell, Kentucky
Lee, Emma Scott (S)
Lee, Mary Ann, A (I, II) Rushville
Lee, Mordie Benjamin (S, PS)
Lee, William Montrose, A (I, II)
Lees, Helen, A (S, PS, I, II)
Leftwich, Perry Clifford, A (I, II)
Leist, Delbert E. (S) Tipton
Leive, Mabel C. (S)
Lemme, Earl Fredrick (PS) Kenneth
Lenglade, Charles Richard, B (II)
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Lewis, David D., GE (II)
Lewis, Georgia Lucille (S)
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Lewis, John Milburn, A (I, II)
Lewis, Linton D. (PS) New Lexington, Ohio
Lewis, Martha Virginia, A (I, II)
Lewis, William Robert, R (S, II)
Liljeblad, Edward Benson, E (I, II)
Lilly, Russell Charles, A (I, II)
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Link, Marion Newton (PS) Flat Rock
Linkous, Julian Burdette, R (I, II)
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Little, Evelyn Berdine, E (II)
Little, Wilbur George, A (I, II)
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Liverett, Adam Reid, A (I, II)
Lloyd, Evelyn Louise, B (S, PS, I, II)
Lloyd, John Spencer, B (I, II)
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<td>McDermitt, Marcella Julia</td>
<td>Greensburg, Illinois</td>
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<td>McDonald, Mark</td>
<td>Cincinnati, Ohio</td>
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<td>McDowell, Ada Margaret</td>
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<td>New Augusta</td>
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<tr>
<td>Manning, Howard Emsley</td>
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<td>Markland, Alice S</td>
<td>Plainfield, Indiana</td>
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<tr>
<td>Marsh, Floyd Gerald</td>
<td>Cincinnati, Ohio</td>
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<td>Marshall, Carr</td>
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<td>Martin, Albert Johnson</td>
<td>Montgomery, Alabama</td>
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<td>Martin, Bernice L.</td>
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<td>Martin, Betty Rose</td>
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<td>Martin, Charles Benhem</td>
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<td>Martin, Verna June</td>
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<td>Martinez, Ralph J.</td>
<td>Frankfort, Kentucky</td>
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<td>Marvel, Freda Ruth</td>
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<td>Masarachia, Vincent</td>
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<td>Mason, Irene Verna</td>
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<td>Mason, Martha Adelyn</td>
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<td>Masterson, Mary Belle</td>
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<tr>
<td>Matthews, Grace Louise</td>
<td>S (S)</td>
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<td>Maurer, M. Christina</td>
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<td>Mauzy, Dorotha May</td>
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<td>Maxey, J. Robert</td>
<td>A (S, I, II)</td>
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<td>Maxwell, Mary Maria</td>
<td>Rushville, Idaho</td>
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<tr>
<td>Mayer, Estelle Anna</td>
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<td>Mayes, Noble S</td>
<td>Perryville, Indiana</td>
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<tr>
<td>Mayhill, Lucille Marjorie</td>
<td>E (I, II)</td>
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<td>Mayo, Edward Hanson</td>
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<td>Mays, Sayde Anne</td>
<td>S, PS</td>
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<tr>
<td>Maze, Fern Mae</td>
<td>Greenwood, Georgia</td>
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<tr>
<td>Meehan, William Newton</td>
<td>B (I, II)</td>
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<td>Meek, Jean Bonner</td>
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</table>
Mehaffey, Richard Kenneth (S)  
Oakland

Mellett, Jesse Brooks (S)  
Messimer, Ethel (I), II  
Messimer, Walter, R (I, II)  
Bluff City, Tennessee

Meyer, Alma (S), I  
Meyers, Estelle May (S)  
Meyers, William Michael, B (II)  
Michelli, William Donald, A (II)

Michelson, Christian Woodrow, A (I, II)  
Mt. Vernon, Indiana

Milam, Willis Elwood, E (I)  
Miles, Betty Bee, E (I, II)  
Miles, Emily Ann, A (I, II)

Miley, Avery Willard, R (I)  
Fairmount

Miller, Ada E. (S)  
Miller, Betty, A (I)  
Miller, Catherine Kennington (S)  
Miller, Charles Edward, B (I, II)  
Zionsville

Miller, Charles S., A (I, II)  
Miller, Gladys Lucille, B (I, II)  
Miller, Harold S., A (II)  
Miller, Jack Chester, B (I, II)  
Plainfield

Miller, Paul Irvin (S, PS)  
Miller, Ray Edwin, A (I, II)  
Miller, Robert Gordon, B (II)  
Miller, Robert Louis (PS)  
Defiance, Ohio

Millikan, Margaret Anne, A (I), B (II)  
Millikan, William Johnson, A (II)  
Mills, Arthur Bernard, R (I, II)  
Mills, Elizabeth D. (S)  
Mills, Hester (S)  
Kokomo

Mills, Titus Shepherd, A (I)  
Minda, Fred Carl, A (I, II)  
Minturn, Mary Harcourt, A (I, II)  
Misch, Mary (S)  
Mitchell, Jeanne Frances, B (I, II)  
Greenfield

Mitchell, Robert H., A (I, II)  
Mitchell, William Kenneth, B (I, II)

Mock, Betty Jane, A (I, II)  
Moffett, Gray, A (I)  
Monahan, Harriett H. (S, PS)  
Fairmount

Mooney, Squire Joseph, B (I, II)  
Moore, Dorothy Lee, E (I, II)  
Rochester

Moore, James Edward, B (I, II)  
Moore, Martha (S)  
Moore, W. Dean (S, PS)  
Columbus

Moorman, Louise Eugenia, A (I, II)  
Morehead, Dale (S, PS)  
Tipton

Morgan, Dale Eugene, B (I, II)  
Martinsville

Morgan, Edna Grace (S)  
Morgan, Elizabeth Jane, A (I)  
Morgan, Flo Elizabeth (S)  
Argos

Morgan, Glenna Swindler (S)  
Morgan, Helen Ruth, E (I, II)  
Morgan, Janet Elizabeth, A (I, II)

Morgan, John P. (PS)  
Alliance, Ohio

Morgan, Josephine T. (S)  
Morgan, Ralph Willard, A (I, II)  
Morge, Florence V., GE (S, PS, I)  
Morge, Harry E. (S)  
De Pauw

Morley, Bernard Joseph, B (I)  
Morris, James H., A (S, II)  
Morris, Kathleen Ann, E (I, II)  
Akron

Morris, Nathan Anderson (S)  
Morris, Phyllis, A (S, I, II)  
Morris, Roberta Jane, B (I, II)  
Shelbyville

Mortimer, William Stanley, A (I)  
Morton, Del George, B (I, II)  
Glenview, Illinois

Morton Finney, John (S)  
Morton-Finney, Pauline (S)  
Moss, Byron W., A (I, II)  
Logansport

Moss, Frances Robinson (S, PS)  
Moss, Mary Jane (S)  
Moss, Maxine Morgan (S)  
Motsinger, Leila Stout (S, PS)  
Mount, Mary Jane, E (I, II)  
Delphi

Mozingo, Alfred Kempton, A (I, II)  
Billings, Montana

Mullane, James Pritchard, B (I, II)  
Mulligan, George Joseph, B (I, II)  
Munding, Arthur Frederic, A (S, I)  
B (II)

Murbarger, Betsy Anne, A (I, II)  
Murdock, Wilmer Lewis, A (I, II)
Murphy, Charlotte (S) Shelbyville
Murphy, Mary Martha, A (I)
Franklin
Muse, John J. (S) Acton
Myers, Bonnie Bess, A (S, I, II)
Myers, Elizabeth Ruth, A (S, I, II)
Myers, Goldie Mae (S) Kokomo
Myers, Helen Louise, E (S, PS, I, II) Anderson
Myers, Rose, A (I, II)
Myron, Kathleen Schooley (S) Hayden
Mythen, Joseph Emmett, B (I, II)
Nackenhorst, Anna Marie (S)
Nackenhorst, John Fred, A (S, PS, I, II)
Nackenhorst, Lillian D. (S)
Nagle, Carl William, B (II) Danville, Illinois
Nave, Gale, A (I, II) Fountaintown
Nay, Naomi Blanche (S, PS) Edinburgh
Naylor, Jack Leon, E (I, II) Burlington
Neat, Lyle Chester, E (I, II) Ft. Wayne
Neier, Oral Glenn (S) Cloverdale
Neiman, Miriam Augusta, A (I, II)
Nelson, James C. (S)
Nelson, Leona Bernice, A (I, II)
Nennert, Charles Richard (S)
Nerin, Norvell Edward, A (S, I)
New, Leroy Kenneth, A (I)
Newby, Lucinda Susan, E (I, II)
Fredricksburg
Newhouse, Mary Frances, E (I)
Newman, Herbert Alonso, B (I, II)
Newman, Marjorie Ann, A (I, II)
Newman, Rosemary, A (I, II)
Nice, Roscoe William, GR (I, II)
Nickell, Helen Christine, A (II)
Nicks, John Douglas, B (I, II)
Nicolai, Helen (PS)
Nicolai, Lois Jeanne, E (I, II)
Nicoson, Rebecca (S)
Nidy, Dolores Lillian (S)
Niermeyer, John, A (I, II)
Nix, Margaret (S) Aurora, Illinois
Nixon, Vera Beatrice (S)
Noble, Virginia Belle, B (I, II) Ft. Wayne
Noe, Sister Mary Norbert (S) St. Bernard, Ohio
Noel, John Armstead, B (I, II) Bloomfield
Noffke, Walter William, A (I, II)
Nolte, Walter Joseph, B (I, II)
Noonan, Betty Jane, A (I), B (II)
Nordsieck, Elfrieda Marie, A (I, II)
Norman, Clyde Cyrus, B (I, II) Sheridan
Norris, William Orlan, GR (I, II) Rushville
Nugent, Mary Louise, E (I, II) Bargersville
Ober, Melissa (S)
Oberlies, A. Louise (S)
Ochstein, Max Sol, A (II) Ft. Wayne
O'Connell, Betty Ann, A (I, II)
O'Connor, Charles Francis, B (I, II)
O'Connor, Joseph Francis, B (I), E (II)
Odiot, Nora Long (S)
Offutt, Margaret Ann, A (II)
O'Hara, Beatrice Louise, A (I, II)
O'Hara, Edward Thomas (PS) Ironton, Ohio
Oland, Alyce Mildred (S)
Oldridge, Donovan Wendell, A (I, II)
Olive, Sarah P. (S)
Olsen, Edna Elizabeth (S)
Olsen, William J., B (I, II)
Olsen, Edwin Norman (PS) Tampa, Florida
O'Malley, John Jackson (S)
O'Nan, Thomas Charles, A (I, II)
O'Neill, Leo (PS) Washington
Orr, Josephine Ann, B (S, I)
Orr, Mildred Bokermann (S)
Orr, Mildred Fay, E (I, II) Plymouth
Orrid, Marianne Therese, A (I, II)
Orrid, Mildred Bess (S)
Osborne, Ethel Marie, B (I, II)
Ostlund, Robert Quentin, B (I, II)
Webster City, Iowa
Ostlund, William C., B (I, II)
Webster City, Iowa
Ott, Ann Elizabeth (S)
Ottinger, Margaret Ann, A (I, II)
Otto, James Howard, GI (S, II)
Oval, Mary Alice, GI (I)
Over, Mary Lou, A (I, II)
Overhiser, Sarah Elizabeth (S)
Overman, Earl Berton (S)
Overstreet, Dorothy Catherine, A (I, II)
Owen, Hilbert Ernest, E (S, I, II)
Sheridan
Owen, Jane Fletcher, A (I, II)
Kokomo
Owens, Betty Louise, A (I, II)
Paddack, Kenneth L., E (I) Sheridan
Paetz, Sister Anna Clare (S) Oldenburg
Palmer, Wayne Robert, E (I, II)
Knox
Pancake, Ferne M. (S) Peru
REGISTER OF STUDENTS 1937-38

Pappas, William Angellos, B (I, II)
Parker, Betty Rosalie, E (I)
Parker, George William, A (S, I, II)
Parks, Emery, GR (I, II) Heltonville
Parks, Francis, A (I, II) Pleasant Lake
Parnell, Marjorie Elizabeth (S) Williamsport
Parrish, Elyer Archie (S) Newberg, Oregon
Parrish, Margaret Emma, A (I, II)
Parrotte, Emma E. (S) Rushville
Parsons, Ella Butler (S) Bridgeport
Parsons, Mary Fanchon, B (S, PS, I, II)
Patrick, Dora Bernice, A (I, II)
Patrick, Nonace May (S) Dupont
Patrick, Robert Charles, B (I, II)
Patterson, Samuel (S)
Patterson, William Konard (S)
Patton, Charles Elbert (S) Greenfield
Patton, Frances Louise, B (I, II)
Patton, Katheryn Elsie (S) Monticello
Paul, Margaret Anne (S)
Paul, Mary Frances, A (I), B (II)
Paul, Nellie Joanna, E (I, II)
Winamac
Payne, Arthur Lawrence, B (I, II)
Paynesville, Kentucky
Peake, Ruby G. (S, PS) St. Louis, Missouri
Pearce, Guildford Chaldon, A (S, I)
Pearcy, Iva Myrtle (S)
Pellow, Winston Edward, A (II)
Peelle, Judy Margaret, A (I)
Pelham, Eleanor Youngs, B (I)
Peltier, Madeleine, A (I)
Pemberton, Sarah Elizabeth, A (I, II)
Pendleton, Marjorie (S)
Perkins, Emma Gordon R. (S)
Perkins, Helen Taylor (S)
Perpener, John Oliver, R (I, II) Ft. Worth, Texas
Perry, Doyt Leatherman (PS) Columbus, Ohio
Perry, George G., E (I, II)
Pert, Hannah Elizabeth, A (I, II)
Pert, William Mearns, B (I, II)
Pesso, Hyman Jacob, B (I, II)
Rochester, New York
Peters, Alfred Dale (PS) West Hamlin, West Virginia
Peters, Susie Marie (S)
Peters, Karl Gustaf, GI (I, II)
Newcastle

Petronis, Joseph Richard, A (II)
Perth Amboy, New Jersey
Petters, Loretta, B (I, II)
Kokomo
Pfarrer, Joan Mae, A (I, II)
Pfau, Bernard Joseph, A (I)
Pfeiffer, Lola Ann (S)
Pfeiffer, Mary Jane, B (I, II)
Pfiztnzer, Helen (S) Evansville
Phelps, Barbara Jane, B (I, II)
Kokomo
Phemister, Virgil Howard, E (I, II)
Phillips, Diana Wey (PS) Carbon
Phillips, Phyllis Ann, A (I, II)
Phillips, Robert Wayne, B (I, II)
Piatt, Horace Porter (S) Ft. Wayne
Pickerel, Jaynet, A (I, II)
Piel, William Frederick (S)
Pierce, Jane Day, A (I, II)
Pierard, Thomas Arthur (PS)
Bristow
Pierson, A. T. (PS)
Pierson, Fred (PS) New Boston, Ohio
Pinnick, Thelma (S) French Lick
Plake, Beulah Rae (S) Bridgeport
Plock, Jane, A (I, II)
Plummer, Louise Gertrude, E (I, II)
Poland, Henrietta Laura (S)
Poland, Laurel Eugene, E (I, II)
Brownsburg
Poland, Mildred Lucille, A (S, I, II)
Pollard, Patricia Maxine, B (I, II)
Oakland
Pollock, Helen L. (S)
Poole, Clemmie Jo, A (I, II)
Pope, Roy A., A (I, II)
Porter, Alva L. (PS) Youngstown, Ohio
Porter, Robert Edward, B (I)
Post, Genevieve Marion (S, PS)
Mishawaka
Pottage, Joseph Hugo, A (I, II)
Powell, Clarence Earl, GI (II)
Powell, Russell Howard, B (I, II)
Pontiac
Power, Laura Ann, B (I, II) New Augusta
Powers, Dorothy Lucille, A (I)
Prange, Ellanor Louise, E (I, II)
Prather, William Robert, A (II)
Prentice, Richard Huron (S, PS)
Batesville
Presecan, Nicholas Eli, E (I, II)
Presecan, Walter, A (I, II)
Presti, Eugene Anthony, A (I, II)
Preston, Mary Catherine, B (I, II)
Price, John Howell (PS) Center Hill, Florida
Price, Leroy, B (I, II)
Price, Madeline, A (I, II)
Price, Ruth Marie (S, PS)
Prichard, Robert Meeks, B (I, II)  
Waukegan, Illinois

Prinzler, Betty Mae, E (I, II)  
Pritchard, Marie Kantz De Long (S)

Proffitt, Margaret Isabelle, E (I, II)  
Crawfordsville

Pruit, Harold K. (PS) Frankfort

Pryor, Hugh Francis, B (I, II)  
Puhlmann, Carl Frank, A (I, II)

Purcell, Elster Norman, B (I)  

Purkhiser, Harry Robert, E (I, II)  
Willard, Ohio

Pyke, Marjorie Elizabeth, A (S, I, II)

Query, Beulah Delores, A (II)  
Quilleon, Gerald Anson (PS) Danville

Quillin, Robert Harold, B (II)  
Quinn, John Joseph (S)

Quinzoni, Margaret Mary (S)  

Rababa, Emilie Marie, A (I, II)  
Rabold, John Edward, E (I, II)

Radenaugh, Shelly (PS) Leipsic, Ohio

Radenaugh, Tobe F. (PS) Montgomery, Ohio

Rader, Frances Winafred, E (I, II)  
New Augusta

Rafert, Frank, B (I, II) Fortville

Ragle, Merrilee, B (I, II)  

Rahe, Norma Claire, E (I, II)  
Rail, Dorothy Eileen (PS)

Raines, Marie Wallman (S)  
Rainey, Mavilla, E (I, II)

Rambo, Erma Valentine, B (I)  
Crawfordsville

Ramsey, Joseph Chiz, A (I, II)  

Rand, Earl Wadsworth, GI (I)  
Lodi, Texas

Rand, Forrest Wayne, B (I) Chicago, Illinois

Rand, Mary Ellen (S) Camby

Randall, Harriet Phelps, B (I, II)  
Rankin, Ruth Ormsby (S)

Ransom, Frank Breedlove, GI (II)  
Raper, Pauline, E (I, II) New Palestine

Ratcliffe, Elizabeth, B. (S)

Rau, Jean, E (I, II)  

Rauch, Russell Hugo, A (I, II)  
Raymond, Julia Marie, A (I, II)

Read, Josephine Ruth, B (S, I, II)  
Redford, Hattie Mae (S)

Redmond, Jack William, A (I)  
Redmyer, Harold Glen, B (I, II)  
Cumberland

Redwine, Philip, B (I, II)  
Reece, Mary Edna, B (I, II)  
Kennard

Reed, Alfred Byron, B (I, II)

Reed, Herschel M., GR (I) Greenfield

Reed, Margaret Jean, A (I, II)  
Logansport

Reed, Ruby (S) Peru

Reeder, Hilda (S)

Rees, James Ward (PS) Millersburg, Kentucky

Rees, Lillian Fox, A (I, II)  
Reese, Clifford (PS) Bridgeton

Reeves, Robert Buis, B (I, II)

Regenos, Iris June, B (S, I, II)  
Zionsville

Rehm, Caroline Haskell, A (I, II)  
Rehm, Ruth Harriet, A (I, II)

Reid, Elizabeth Mary (S, PS) Oak Park, Illinois

Reider, Mae (S) Kokomo

Reiffel, Lillian Margaret (S)  
Reimer, Clarice, A (I), E (II)

Reinhart, Marjorie Alice (S)  

Reisler, Philip Brown, E (I, II)  
Reisler, Simon Allison (S)

Remy, Margaret Essex (S)  
Renbarger, Agnes Pauline (S)

Anderson

Reno, John Spencer, E (I, II)  
Southport

Rentschler, Cora Maude (S)  

Rentz, Mary, B (I, II)  
Renz, Robert Mikesell, B (I, II)  
Resiner, Robert Frederick, B (I, II)

Rettig, Jeanne, A (I, II)  

Reynolds, Marcella Jane, A (I)  
Reynolds, Martha Preston, E (I, II)

Reynolds, Sara Ann, E (I, II)  
Reynolds, Vivian (S)

Rhodes, Helen Louise (S)  

Rhorer, John Gilbert (S) Marion

Rice, Alice Jane, A (II)  
Rice, Christena (S)

Richards, Lydia Fern (S)  

Richardson, Archie Gibbs (S) Lawrenceville, Virginia

Richardson, Charlene, A (I, II)  
Richardson, Charles Jesse, E (I, II)  

Anderson

Richardson, George Covey, A (I, II)  
Richart, Betty E., A (I, II)  
Riddell, Margaret Lee, E (I, II)

Riddick, Thomas Lagrone, A (I, II)  
Rilden, La Verne (PS)

Riebhenthaler, Sister M. Carlissa (S)  
Oldenburg

Riggs, Jane Louise, A (II)

Riggs, Joseph Gray, E (I) Noblesville

Riley, Adelaide Thornton (S)  
Riley, Earl Roger, E (I) Marion

Riley, Hermann Murray (S)  
Riley, Norman Adam, A (I, II)

Riley, Sally Des Champs (S)
Register of Students 1937-38

Riney, Henry Richard (S)
Riser, Louise (PS)
Riser, Richard Linton, B (I, II)
Ritter, Richard Joseph, B (I, II)
Rivers, Robert Vincent (PS) Chicago, Illinois
Roark, Mary Ellen, E (I, II)
Robbins, Robert Claude, B (I, II)
Roberts, Estelle Frances, A (I, II)
Roberts, Frank B., A (I)
Roberts, Helen (S) Osgood
Roberts, Katherine Ferguson (S)
Roberts, Maude Mildred, A (I, II)
Robertson, Cyril Alexander, GR (I, II) Jamaica, B. W. I.
Robertson, Ruth Evelyn (S) Deputy
Robey, Frances Irene, (S) Clermont
Robinson, Ralph Roy (PS)
Youngstown, Ohio
Robinson, James Lewis, R (I)
Robinson, John Leach, A (I, II)
Jacksonville, Illinois
Robinson, John W., B (I, II)
Robinson, Robert Clyde, B (I)
Robinson, William Albert, A (I, II)
Roderick, Eugene Victor, B (S, I, II)
Rogers, Jeannette Louise, A (I, II)
Roe, Forrest Lee (S) Kokomo
Rogers, Ralph O., B (I, II)
Rohr, Margaret, A (I, II)
Romine, Wesley, A (I, II)
Roney, Arthur Thomas, A (S, PS, I)
Roney, Elizabeth Zita (PS) North Manchester
Roney, Raymond Edward, A (I, II)
Greenfield
Root, Helen Gray, B (I, II) Columbus
Root, John Carlton, E (I, II)
Rork, Marjorie Anne, A (I, II)
Ross, Carmon Grant (S) Modoc
Ross, George W., GR (S), A (I, II)
Ross, Lawrence M., E (I, II)
Ross, Louise Meheroff (S) Richmond
Ross, Mary Jane, E (I, II) Lebanon
Roth, Carolyn, A (I, II)
Rutledge, William L., A (S, II)
Roup, Dorothy Alice, E (I, II)
Edinburgh
Roush, Robert Louis, E (I, II)
South Bend
Ruble, Lucille (S) Milan
Rudd, Donn Howard, B (S, I, II)
Ruddell, Keith Richard, A (I, II)
Ruddell, Mary Margaret, A (I, II)
Rugenstein, Mildred Katherine, A (I)
Rupkey, Helen Roberta, A (I, II)
Runyon, Jack Elmore (S) Norwood, Ohio
Rushton, Doris Jean, E (I, II)
Russell, Edward Eugene, GI (I, II)
Beech Grove
Russell, Horace Edward, A (I, II)
Russell, Lawrence (PS) Detroit, Michigan
Russo, Arnold Matthew, A (I, II)
Rust, Mary Millicent (PS) Washington
Rutan, Louis Bonham, E (I, II)
Ryan, Lucretia (S) Anderson
Ryan, Mabel Louise, E (I, II)
Ryman, Mary Louise, B (I, II)
Brookville
Sabin, Claude Perry, GR (I, II)
Wilkinson
Sachs, Betty Toby, A (I, II)
Sacksteder, Stella Clara, B (I, II)
Cedar Grove
Sahm, Albert Wilson, B (S, I)
Sakowitz, Henry, B (I)
Salinger, Doris Rena (S)
Salisbury, Martha Ellen, E (II)
Fairmount
Sampson, Grace Ferry (S) Fowler
Sandberg, Charles O. (S) Moberly, Missouri
Sanders, Anna Hazel, A (I, II)
Mitchell
Sanders, Betty Ellen, A (I, II)
Sanders, Catherine Carson (S)
Sanders, Roy Andrew (S)
Sanderson, Frances Ruth, E (I, II)
Delphi
Sargent, Eura Anne, GI (II)
Sarsfield, Shirley Mildred, B (I, II)
Sasek, Louis Edward, E (I, II)
Saulter, Henry Thomas (S)
Sausaman, Edward Maynard, GI (I, II)
Sauter, Hubert William, A (I)
Sawyer, Cecil Richard (PS)
Waldron, Arkansas
Sayre, Roland Wayne, (PS)
Youngstown, Ohio
Scales, Allen Bridgeford, B (I, II)
Scales, Mildred Lorene, A (I, II)
Scarborough, Margery Alice, A (I, II)
Schachtsiek, Virgil (S) Palmyra, Missouri
Schaefer, Genevieve, A (S, I, II)
Schaefer, Margaret Mae, A (I, II)
Schaefcr, Marian Elizabeth, A (I, II)
Bilaspur C. P., India
Scheidker, Carl E., A (I, II)
Scheidler, Mary, A (I, II)
Schellert, Helen Pauline (S)
Schellschmidt, Gertrude Elizabeth, A (S, I)
Schenkel, Elizabeth Marie (S)
Brookville
Schernekau, Jack Hall, B (II)
Schexsnider, Frances Marshall (S)
Schey, Rosalea, A (I, II)
Schild, Dessielee Louisa, A (I, II)
Schligtges, Nora Thoburn (S)
Schindler, Martha Ellen (S, PS)
New Albany
Schissell, Betty, B (I, II)
Schmidt, Mabel Albersmeier (S)
Schmitz, Anne Elleen (S) Alexandria
Schmoe, Charles W. (S) Edinburg
Schmollinger, Lena (PS) Noblesville
Schneider, Frank Gene, E (I)
Schnicke, Clarence William (S)
Schoch, Marjorie Regina, A (S, I, II)
Schroeder, Betty Ann, B (I, II)
Schubert, Marie Therese, A (I, II)
Schuchman, Gabriel (S)
Schulz, Florence Charlotte (S)
Schofield, Byron Eugene, E (I, II)
Zionsville
Schofield, Margaret C. (S)
Scholey, Clifford George, A (S, I, II)
Schottelkorb, Edwin Eugene, R (I, II) Zionsville
Schottelkorb, Frank, GR (I, II) Zionsville
Schrader, Virginia Clara, E (I, II)
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Schramp, Marvin Clarence, R (I, II) Minonk, Illinois
Schernekau, Jack Hall, B (II)
Schexsnider, Frances Marshall (S)
Schey, Rosalea, A (I, II)
Schild, Dessielee Louisa, A (I, II)
Schligtges, Nora Thoburn (S)
Schindler, Martha Ellen (S, PS)
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Schissell, Betty, B (I, II)
Schmidt, Mabel Albersmeier (S)
Schmitz, Anne Elleen (S) Alexandria
Schmoe, Charles W. (S) Edinburg
Schmollinger, Lena (PS) Noblesville
Schneider, Frank Gene, E (I)
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Schoch, Marjorie Regina, A (S, I, II)
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Schwab, Robert J., B (II)
Schwarz, Stanley H., B (I) Terre Haute
Scifres, Jarvis Woodrow, B (I, II)
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Schulze, Fred A. (PS) Ferguson, Missouri
Scott, Essie Alice (S)
Scott, Helen (S, PS) Greentown
Scott, Laura Edith (S) Bloomfield
Scott, Marjorie (S)
Scott, Martha Whelden (S)
Sears, Ray Andrew, GE (II) Greenfield
Sedam, Emma Naomi, E (I, II) Cross Plains
Segal, Oscar Bernard, A (I, II)
Selby, Opal (S)
Settles, Dorothy H., A (S, I, II) Settles, Jeanne, A (I, II)
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Sexton, Alice Lenore (S)
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Shanks, Ruby E. (S)
Sharky, Alma Mae. (S) Greenwood
Shaw, Jessie Frances (S)
Shaw, Robert Farris, B (II)
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Shea, William Phillip, A (I) Rutherford, New Jersey
Shearer, Audrey Marshall, A (I), B (II)
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Shinn, Dorothy Evelyn Shank (S)
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Shodlouski, Charles Frank, E (I)
Marion
Shoemaker, Vaughn Gray (S)
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Burnt Prairie, Illinois
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Sinclair, Hazel D. (S)
Sink, Joan (S)
Sink, Robert Lee, A (I, II)
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Timbrook, Gerald Eugene, R (I, II)
Timmerman, Delbert Theodore, B (I, II)
Tindall, Mary Ann, E (I, II)
Shelbyville
Tinsley, Frank Whitaker (S)
Todd, Wilma Jean, A (I, II)
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Tompkins, Elizabeth Amanda, GI (I)
Topmiller, Bernard Francis, E (I, II)
Towell, June Gage (S) Anderson
Townsend, Daisy I., R (S)
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Truitt, Mary Jane, A (I)
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Tucker, Ethelyn (S) Kokomo
Tudor, Glenn Leyburn, GR (I)
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Turley, Edgar M. (S) Corydon
Turner, Francis Edward, A (I, II)
Turner, Lucile (S) Lebanon
Turner, Martha Phares (S) New Augusta
Turpin, Mary Agnes (S) Peru
Tyner, Harlan H., GI (I, II)
Uhl, Florence Elizabeth (S)
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Underwood, Ethel (S)
Unger, John Edward, A (I, II)
Unser, Emil Robert, E (I, II)
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Vaccaro, Julius, B (S, PS, I) New York, New York
Vance, Claudia Force (S) Fairland
Vanderbilt, Donald Brunow, A (I)
Vandermeer, Melvin Ambuul, E (I, II) Canton, Illinois
Vandevender, Lucy Margaret, B (I), A (II) Anderson
Van Dorn, Anna Catherine, A (I, II)
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von Dielinger, Paul Henry (S)
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Williams, Will Gary (S, PS) Atlanta, Georgia
Williams, Wilma Kathryn, A (I)
Williamson, Estelle M. (S)
Willis, Lewis Benton (S) Lawrenceburg, Kentucky
Williston, Beth Ann (S)
Wilmeth, Harvey D. (S)
Wilson, Eleanor L. Geis (S)
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 B, College of Business Administration  
 E, College of Education  
 R, College of Religion  
 G, Division of Graduate Instruction

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