CATALOG ISSUE

JUNE 1968

Issued seven times a year in February, March, May, June, August, October and December. Entered as second-class matter at Upland, Indiana 46989, August 1, 1963 under Act of Congress August 24, 1912.
### 1968

#### JULY

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#### OCTOBER

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TAYLOR UNIVERSITY
A Christian Liberal Arts College

Announcement of Courses for
1968-69
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Calendar</td>
<td>6</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>7</td>
</tr>
<tr>
<td>Associates, Taylor University</td>
<td>8</td>
</tr>
<tr>
<td>Administrative Staff</td>
<td>9</td>
</tr>
<tr>
<td>Faculty</td>
<td>10</td>
</tr>
<tr>
<td>Standing Committees</td>
<td>17</td>
</tr>
<tr>
<td>The Taylor Program</td>
<td>19</td>
</tr>
<tr>
<td>Aims</td>
<td>20</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>21</td>
</tr>
<tr>
<td>Buildings and Educational Equipment</td>
<td>22</td>
</tr>
<tr>
<td>Location</td>
<td>24</td>
</tr>
<tr>
<td>Student Personnel Services</td>
<td>27</td>
</tr>
<tr>
<td>Student Expenses</td>
<td>41</td>
</tr>
<tr>
<td>Admission</td>
<td>47</td>
</tr>
<tr>
<td>Academic Adviser, Registration, Eligibility and Records</td>
<td>51</td>
</tr>
<tr>
<td>Academic Regulations</td>
<td>53</td>
</tr>
<tr>
<td>The Curriculum</td>
<td>61</td>
</tr>
<tr>
<td>Courses of Study by Departments</td>
<td>64</td>
</tr>
<tr>
<td>Pre-Professional Courses</td>
<td>117</td>
</tr>
<tr>
<td>Record of Degrees Conferred</td>
<td>121</td>
</tr>
<tr>
<td>Enrollment Summary</td>
<td>124</td>
</tr>
<tr>
<td>The Alumni Association</td>
<td>125</td>
</tr>
<tr>
<td>Index</td>
<td>126</td>
</tr>
</tbody>
</table>
Foreword

This catalog presents an outline of courses, requirements for admission and general information for the academic year 1968-69. The register of officers and teachers is for the year 1967-68.

Correspondence may be addressed as follows:

GENERAL INFORMATION—Correspondence having to do with matters other than those specified below should be addressed to the Office of the President.

APPLICATION FOR ADMISSION—Director of Admissions

COURSES OF STUDY—Dean of the University

RESIDENCE HALLS AND STUDENT LIFE—Director of Student Affairs

INFORMATION CONCERNING SCHOLARSHIPS, LOANS AND EMPLOYMENT—Student Financial Aid Counselor

ACADEMIC RECORDS AND TRANSCRIPTS—Registrar

BUSINESS MATTERS (Including housing for married students)—Finance Office

DEVELOPMENT AND PUBLIC INFORMATION SERVICES—Director of Development

ALUMNI AFFAIRS—Alumni Secretary

TAYLOR UNIVERSITY
Upland, Indiana 46989 ........... Telephone: 998-2751
Area Code 317
College Calendar

1968-69 Fall Term
August 29-31, Thursday-Saturday ........ Faculty Study Conference
September 1-8 Sunday-Sunday ............... New Student Week
September 4, Wednesday ..................... Registration
September 5, Thursday ...................... Classes Begin
September 27, Friday ....................... Matriculation Day
October 6-11, Sunday-Friday .............. Spiritual Emphasis Week
October 26, Saturday ........................ Homecoming
October 29, Tuesday ......................... English Proficiency Tests
November 9, Saturday ...................... Parents’ Day
November 13-15, Wednesday-Friday .... Missionary Conference
November 28-Dec. 1, Thursday-Sunday ..... Thanksgiving Holiday
December 14-20, Saturday-Friday .......... Evaluation Week
December 20, Friday, 5:00 p.m. .......... Term Close

1968-69 Inter-Term
January 6, Monday ........................ Inter-Term Begins
January 30, Thursday, 12 noon ............ Inter-Term Ends

1968-69 Spring Term
February 3 .................................. Classes Begin
February 6-7, Thursday-Friday .......... Reade Memorial Lectures
February 16-21, Sunday-Friday .......... Spiritual Emphasis Week
March 21-23, Friday-Sunday ............... Youth Conference
March 28, 12:00 noon-April 7, 12:00 noon
   Friday-Monday ............................. Spring Vacation
April 16-20, Wednesday-Sunday .......... Fine Arts Festival
May 24-30, Saturday-Friday ............... Evaluation Week
May 30, Friday, 5:00 p.m. ................. Term Close
May 31, Saturday ........................... Alumni Day
June 1, Sunday, 10:30 a.m. ............... Baccalaureate
June 1, Sunday, 3:00 p.m. .................. Commencement
Board of Trustees

Dr. Milo A. Rediger, President of the University .... Member Ex-Officio
Mr. Lester C. Gerig, President .................. Fort Wayne, Indiana
Mr. Elmer G. Seagly, Vice President ............ Kendallville, Indiana
Mr. Milton V. Schubert, Jr., Secretary ......... Columbia City, Indiana
Mr. Henry C. Ruegg, Treasurer .................. Columbus, Ohio
Mr. Merle N. Rocke, Endowment Treasurer ........ Fort Wayne, Indiana

Mrs. Ella Mae Berdahl .......................... Washington, D.C.
Mr. Maurice W. Coburn ......................... Chicago, Illinois
Mr. Francis H. Davis ............................ Jonesboro, Indiana
Dr. G. Harlowe Evans ........................... Bloomington, Illinois
Dr. Gerald Foster ............................... Wilmington, Delaware
Rev. Herbert M. Frazer .......................... Cincinnati, Ohio
Dr. J. Paul Gentile .............................. Fort Wayne, Indiana
Mr. D. L. Haffner ............................... Garrett, Indiana
Dr. Richard W. Halfast .......................... Kokomo, Indiana
Dr. Carl W. Hassel ............................... Upper Marlboro, Maryland
Dr. Gerald H. Jones ............................. New Haven, Indiana
Mr. John McDougall .............................. Birmingham, Michigan
Dr. Wilson B. Paul .............................. East Lansing, Michigan
Dr. Charles W. Shilling .......................... Arlington, Virginia
Mr. Howard M. Skinner ......................... Muskegon, Michigan
Dr. Byron F. Stroh .............................. Indianapolis, Indiana
Mr. Carl J. Suedhoff ............................ Fort Wayne, Indiana
Mr. Clarence H. Varns ........................... Middlebury, Indiana
Dr. L. Marshall Welch ........................... Seabrook, Texas

HONORARY TRUSTEES

Dr. Theodore W. Engstrom ........................ Monrovia, California
Dr. Jesse W. Fox ................................. Kokomo, Indiana
Dr. M. C. Patterson ............................. Grosse Pointe Park, Michigan
Dr. John C. Wengatz ............................. Winter Park, Florida
Mr. Linton A. Wood .............................. Hendersonville, North Carolina

COMMITTEES OF THE BOARD

Executive Committee
Educational Policies Committee
Finance Committee
Public Relations Committee
Nominating Committee
Campus Planning Committee
The Taylor University Associates are Christian leaders from various parts of the nation who act as a board of reference in relation to the trustees and administration of the college in the interest of advancing a strong program of Christian higher education.

Mr. James W. Charbonnier ......................... Evanston, Illinois
Mr. H. Clay Conner, Jr. .......................... Indianapolis, Indiana
Mr. Herbert W. Cooper ............................ Fort Wayne, Indiana
Dr. James A. DeWeerd ............................ Penville, Indiana
Bishop Ralph Edward Dodge, Sr. .................. Zambia, Africa
Dr. James D. Gibson ............................... Wilmore, Kentucky
Mr. Ethan Jackson ................................. Indianapolis, Indiana
Mr. Larry Fuhrer .................................. Wheaton, Illinois
Mr. James E. Kelley ............................... Fort Wayne, Indiana
Mr. Willard L. Ketner ............................. Wheaton, Illinois
Dr. Fred M. Lange ................................. Dallas, Texas
Mr. John R. Maddox ............................... Hartford City, Indiana
Rev. Richard Mitchell ............................. Fort Wayne, Indiana
Mr. Christian H. Muselman ....................... Berne, Indiana
Mr. Grover C. Oliver .............................. Plattsburgh, New York
Mr. Delbert D. Olson .............................. Indianapolis, Indiana
Mr. Robert Parr .................................... Lebanon, Indiana
Dr. Walter C. Randall ............................. Park Ridge, Illinois
Dr. Paul S. Rees ................................... Monrovia, California
Dr. Norval S. Rich ................................. Decatur, Indiana
Mr. Gale Rickner, Jr. ............................. Fort Wayne, Indiana
Mr. Matt R. Ruohoniemi ........................... South St. Paul, Minnesota
Mrs. Kathryn B. Sears ............................ Cedar Rapids, Iowa
Mr. Arthur Templin ............................... Flushing, New York
Mr. Wayne Townsend ............................... Upland, Indiana
Mr. Jay B. Trauring .............................. Hartford City, Indiana
Dr. Robert A. Walker ............................. Wheaton, Illinois
Dr. George R. Warner ............................. Marion, Indiana
Dr. Alfred A. Whittaker .......................... New York, New York
Milo A. Rediger .................................. President of the University
Gordon G. Zimmerman ................................ Administrative Vice President and Dean
William Davis ........................................ Finance Officer
Samuel Delcamp ...................................... Director of Student Affairs
Robert Warren ...................................... Assistant to the President in charge of Development
Paul Keller ............................................ Service Operations
Dorsey Brause ......................................... Associate Dean
Peter Pascoe .......................................... University Pastor
Stanley Banker ......................................... Registrar
Ronald Keller .......................................... Director of Admissions
George Haines .......................................... Director of Teacher Education
David Klopfenstein ................................... Student Union Director
Alice K. Holcombe ...................................... Head Librarian
Lois Weed .............................................. Assistant Librarian
Audrey Berndt ......................................... Assistant Librarian
Wilbur Cleveland ..................................... University Editor
Jay Hornick ............................................. Director of Annual Fund
Ernest Valutis .......................................... Assistant in Development
Charles Newman ........................................ Purchasing Agent
Russell Clark ........................................ Admissions Counselor
Isabelle Rogato ......................................... Admissions Counselor
Charles Griffin ........................................ Associate Director of Student Affairs
Bernie Tucker ........................................... Student Financial Aid Counselor
Charles Page ........................................... Superintendent of Buildings and Grounds
William Habegger .................................... Co-ordinator of Construction
Joseph Biermann ....................................... Food Service Manager
William Loewen ....................................... Bookstore Manager
Oliver Godfrey ....................................... Mailing and Duplicating Manager

HEALTH SERVICE

Dr. Miles Donaldson and Dr. J. Robert Coughenour ........ Physicians
Dr. Howard M. Luginbill .................................. Consulting Psychiatrist
Lily Haakonsen ........................................ Director of Health Services
Erna Kastelein ........................................... Nurse
Cholis Michael ......................................... Nurse
Faculty

MILO A. REDIGER, President of the University and Professor of Philosophy and Religion 1943
Taylor University, A.B.; New York University, M.A., Ph.D.; Asbury Theological Seminary, D.D.; Graduate study at the Biblical Seminary in New York

JENNIE E. ANDREWS, Professor of Elementary Education 1951
Marion College, A.B., B.S.Ed.; The State University of Iowa, A.M.; Graduate study at the University of Minnesota and the University of Arizona

E. STANLEY BANKER, Registrar and Associate Professor of Education and Psychology 1964
Marion College, A.B., B.S.Ed.; Western Reserve University, M.A.Ed.

ROBERT J. BARRY, Part-time Instructor of Business and Economics 1967
Indiana University, A.B., L.L.B.

AUDREY J. BERNDT, Assistant Librarian and Instructor 1962
Taylor University, A.B.; University of Minnesota, M.A.

ROBERT K. BLUME, Assistant Professor of Physical Education 1967
Greenville College, B.S.Ed.; Eastern Illinois University, M.S.Ed.

GLADYS L. BORCHERS, Distinguished Professor of Speech 1965
Whitewater State College, Diploma; University of Wisconsin, M.A., Ph.D.

THEODORA BOTHWELL, Professor Emeritus—Music 1922
Syracuse University, Mus.B.; Chicago Conservatory, Mus.M.; American Institute of Normal Methods; Columbia University; Chicago Musical College; Pupil of Mme. Julie River-King (Retired 1954)

ROBERT L. BOYD, Assistant Professor of Music 1967
Indiana State College, B.S.; Indiana State University, M.S.

ANNA ROSE BRADEN, Head Resident Adviser and Instructor 1966
Nyack Missionary College, B.S.; State University Teachers College, M.S.Ed.; Graduate study at the University of Toledo the University of Michigan, Michigan State University and Ball State University

DORSEY W. BRAUSE, Associate Dean, Director of Summer Sessions and Associate Professor of Education 1964
Otterbein College, B.A.; Ohio State University, M.A., Ph.D.
RUTH A. BREUNINGER, Assistant Professor of Physical Education and Religion 1964
University of Miami, B.S. Ed.; Wheaton College M.A.; West Chester State College, M.Ed.

CHARLES D. BROMLEY, Assistant Professor of Education and Director of Testing 1961
Eureka College, B.S.; Indiana University, M.S.; Graduate study at Eastern Illinois University, Kent State University and Indiana University

THOMAS A. BROWN, Instructor of History 1966
Taylor University, A.B.; Fuller Theological Seminary, B.D.; San Fernando Valley State College, M.A.

RAY E. BULLOCK, Assistant Professor of Art 1966
Ball State University, B.S., M.A.

STANLEY L. BURDEN, Instructor of Chemistry 1966
Taylor University, B.S.; Indiana University, Ph.D.

JEAN CAMPBELL, Head Resident Adviser and Instructor 1967
State University College, N. Y., B.S.

HAZEL E. CARRUTH, Professor of English and Chm. of Div. IV 1946
Taylor University, B.S.Ed.; Indiana University, A.M., Ph.D.

CHARLES W. CARTER, Professor of Philosophy and Religion and Chm. of Div. I 1959
Marion College, Th.B., A.B.; Winona Lake School of Theology, M.A.; Asbury Theological Seminary, B.D.; Butler University, M.A.; Butler University Graduate School of Religion, Th.M.; Graduate study at Lutheran School of Theology at Chicago and Winona Lake School of Theology

ROBERT W. DAVENPORT, Assistant Professor of Physical Education and Football Coach 1958
University of California at Los Angeles, B.S.; Ball State University, M.A.Ed.

CHARLES M. DAVIS, Associate Professor of English 1962
Indiana State College, A.B.; Chicago University, M.A.; Graduate study at Indiana University

WILLIAM W. DEAN, Assistant Professor of Religion 1966
Bethel College, A.B.; Asbury Theological Seminary, B.D.; State University of Iowa, Ph.D.

SAMUEL L. DELCAMP, Director of Student Affairs and Assistant Professor 1965
Taylor University, A.B.; The University of Michigan, M.A.; Graduate study at Ball State University

BARBARA C. DICKEY, Assistant Professor of Music 1961
Asbury College, A.B.; University of Michigan, M.M.; Graduate study at the University of Michigan
DAVID C. DICKEY, Part-time Instructor of Speech 1967
Taylor University, A.B., Western Michigan University, M.S.

OLIVE MAY DRAPER, Professor Emeritus—Mathematics and Astronomy 1914
Taylor University, A.B.; The University of Michigan, A.M.; Graduate study at Columbia University, The State University of Iowa and Indiana University (Retired 1955)

FRANCES W. EWBank, Professor of English 1964
Wayne State University, B.A., M.A.; University of Colorado, Ph.D.

WILLIAM A. EWBank, Assistant Professor of Mathematics 1964
Royal Military College of Science; University of London; B.Sc. (Eng.); Ball State University, M.A.

GEORGE E. FENSTERMACHER, Assistant Professor of English and German 1923
Taylor University, A.B.; University of Chicago, M.A.

GEORGE A. GLASS, Athletic Director, Track Coach and Assistant Professor of Physical Education 1960
Taylor University, B.S.Ed.; Ball State University, M.A.Ed.

CARL E. GONGWER, Assistant Professor of Spanish 1966
Taylor University, A.B.; Indiana University, M.A.

ROBERTA GRAHAM, Part-time Instructor of Music 1967
Indiana University, B.M.

GLADYS M. GREATHOUSE, Professor of Speech and Dramatics 1960
Asbury College, A.B.; University of Kentucky, M.A.Ed.; Graduate study at the University of Wisconsin

CHARLES D. GRIFFIN, Head Resident Adviser, Associate Director of Student Affairs and Assistant Professor 1966
Moody Bible Institute, Diploma; Taylor University, B.S.; Canisius College, M.S.; Graduate study at the University of Buffalo

GEORGE S. HAINES, Director of Teacher Education, Associate Professor of Education and Chm. of Div. II 1961
Purdue University, B.S., M.S.Ed.; George Peabody College for Teachers, Ed.D.

GEORGE W. HARRISON, Assistant Professor of Biology 1963
West Virginia University, B.S.; Marshall University, M.S.

DALE E. HEATH, Associate Professor of Greek and Religion 1961
Greenville College, A.B.; Asbury Theological Seminary, B.D.; Michigan State University, Ph.D.

C. W. HEMMER, Assistant Professor of Education 1965
Purdue University, B.S., M.S.; Graduate study at Ohio State University
EDWARD H. HERMANSON, Associate Professor of Music and Chm. of Div. III 1966
Cascade College, A. B.; Columbia University, M.A., Ed.D.

LUELLA W. HERMANSON, Part-time Instructor of Music 1966
Cascade College, A.B.; Oregon College of Education, B.S.; Columbia University, M.A.; Graduate study at Columbia University and Ball State University

DAVID D. HESS, Assistant Professor of Education 1967
Taylor University, B.S.; Ball State University, M.S.

CONRADE C. HINDS, National Teaching Fellow 1967
Fisk University, B.A., M.A.; Graduate study at Ohio State University and Ball State University

GERALD L. HODSON, National Teaching Fellow 1967
Ball State University, B.S., M.A.

ALICE K. HOLCOMBE, Head Librarian and Associate Professor 1946
Taylor University, A.B.; The University of Michigan, B.A.L.S.

JEAN L. HORWOOD, Assistant Professor of Physical Education 1966
Ursinus College, B.S.; Temple University, Ed.M.

WILLIAM A. HORWOOD, Professor of Physical Education 1966
Roberts Wesleyan College, B.A.; Michigan State University, M.A., Ed. D.

JUDITH N. HOWARD, Instructor of Physical Education 1967
Taylor University, B.S.; Graduate study at the University of Michigan

RAYMOND E. HUEY, Assistant Professor of English 1967
Malone College (Cleveland Bible College), Th.B.; Marion College, A.B., B.S.; Ball State University, M.A.; Graduate study at Ball State University

DALE M. JACKSON, Instructor of Speech 1966
Asbury College, A.B.; Ball State University, M.A.; Graduate study at the University of Kentucky

MARGARET S. JACKSON, Part-time Instructor of English 1967
Asbury College, A.B.

JOHN B. JANTZEN, Assistant Professor of French 1959
Whitworth College, A.B.; Ball State University, M.A.Ed.; Graduate study at Kennedy School of Missions; Language (French) study in Brussels, Belgium; Indiana University, Ph.D.

ROGER L. JENKINSON, Assistant Professor of Geography and History 1965
Taylor University, B.S.; Ball State University, M.A.; Graduate study at Ball State University and East Tennessee State University
GARY J. JONES, Assistant Football Coach and Part-time Instructor of Physical Education 1967
Taylor University, B.S.; Graduate study at the University of Minnesota and Ball State University

ADA M. KARRASCH, Assistant Professor of French 1967
University of Missouri, B.S.Ed., M.A.

PAUL D. KELLER, Business Manager and Assistant Professor of Music 1944
Manchester College, B.S.; Cincinnati Conservatory of Music, Mus.M.

RONALD L. KELLER, Director of Admissions and Assistant Professor 1966
The University of Michigan, B.A., M.A.

JACK W. KING, Assistant Professor of Physical Education and Baseball Coach 1961
Taylor University, B.S.; Ball State University, M.S.Ed.

PHILIP K. KROEKER, Associate Professor of Music 1963
Westminster Choir College, B.M., M.M.; Indiana University, Ph. D.

GORDON M. KRUEGER, Professor of Chemistry 1955
University of Kansas, A.B., A.M.; Graduate study at the University of Minnesota and Ball State University

KLAAS G. KUIPER, Associate Professor of Music 1966
Calvin College, B.A.; The University of Michigan, B.M.Ed., M.M.Ed.

HERBERT G. LEE, Professor of English and Literature 1955
Western Carolina Teacher's College, B.S.; University of North Carolina, M.A.; Graduate study at Northwestern University and Bowling Green University

JAMES K. LEE, Professor of Chemistry 1959
Central China University, B.S.; Catholic University of America, M.S., Ph.D.

WILLIAM L. LOEWEN, Bookstore Manager and Assistant Professor of Sociology 1959
Taylor University, A.B.; Ball State University, M.A.

R. PHILIP LOY, Assistant Professor of Political Science 1964
Taylor University, A.B.; Indiana University, M.A.; Graduate study at Indiana University

FRANKLIN LUSK, Part-time Instructor of Music 1967
Bethel College, A.B.; American Conservatory of Music, M.B., M.M.; Graduate study at Indiana University

FRED H. LUTHY, Associate Professor of Religion 1955
Taylor University, A.B.; Bonebrake Seminary, B.D.; Butler
University, M.A. Southern Baptist Theological Seminary, M.R.E.; Graduate study at Ball State University and the State University of Iowa

ROBERT C. McGINNIS, Assistant Professor of Psychology 1966
Thiel College, A.B.; Western Theological Seminary, B.D.; University of Pittsburgh, M.S.; Graduate study at Michigan State University, Case Institute of Technology and Ball State University

JACK E. McQUATE, Instructor of History 1967
Capital University, B.A.; Ball State University, M.A.; Graduate study at Ball State University

DARVIN L. MILLER, Assistant Professor of Psychology 1963
Westmar College, B.A.; Evangelical Theological Seminary, B.D.; University of Colorado, M.P.S.; Graduate study at Indiana University

ELMER N. NUSSBAUM, Professor of Physics and Director of Research and Special Training 1949
Taylor University, A.B.; Ball State University, A.M.; University of Rochester, Ph.D.

DON J. ODLE, Professor of Physical Education and Head Basketball Coach 1947
Taylor University, B.S.Ed.; Indiana University, M.S.

GRACE D. OLSON, Professor of History 1945
Taylor University, A.B.; The University of Michigan, A.M.; Graduate study at the University of Michigan and Western Reserve University

JACK D. PATTON, Associate Professor of Art 1952
Taylor University, A.B.; Ball State University, M.A.

PAUL W. PHINNEY, Instructor of Business and Economics 1966
Taylor University, A.B.; Graduate study at The Biblical Seminary in New York, New York University and Ball State University

ELISABETH POE, Professor of Biology 1953
Marion College, A.B., B.Rel.; The University of Michigan, A.M.; Graduate study at the University of Michigan and the University of Virginia

DONALD H. PORTER, Professor of Mathematics and Physics and Chm. of Div. V 1959
Marion College, A.B., B.S.Ed.; Indiana University, M.A., Ph.D.

WILLIAM C. RINGENBERG, Assistant Professor of History 1967
Taylor University, B.S.; Indiana University, M.A.; Graduate study at Michigan State University

R. WALDO ROTH, Assistant Professor of Mathematics 1967
Taylor University, B.S.Ed.; Ball State University, M.A.; Graduate study at Ohio State University
ROGER W. ROTH, Assistant Professor of Physics 1965
Taylor University, A.B.; Cornell University, M.S.

JESSIE L. ROUSSELOW, Assistant Professor of Speech 1967
Northwestern College, B.A.; University of Minnesota, M.A.

FRANK H. ROYE, Professor of Sociology and Chm. of Div. VI 1955
Transylvania College, B.A.; Southern Baptist Theological Seminary, B.D., Th.D.

SUSSAN DAWN SCHUESSLER, Part-time Instructor of Music 1967
Northwestern University, B.Mus.Ed.

CHARLES K. SIMS, Associate Professor of Music 1962
University of Kentucky, B.M.; University of Michigan, M.M.; Graduate study at Indiana University

HAROLD Z. SNYDER, Associate Professor of Biology 1962
University of Michigan, A.B., B.S., M.S.; Michigan State University, Ph.D.

ROSS C. SNYDER, Director of the Educational Media Center and Associate Professor of Education 1961
Taylor University, B.S.Ed.; Ball State University, M.A.Ed.; Graduate study at Butler University, the University of Florida and Ball State University

PAUL J. SPICUZZA, Instructor of Music 1966
The University of Michigan, B.M., M.M.

HILDA L. STEYER, Associate Professor of Music 1954
Asbury College, B.A.; Cincinnati Conservatory of Music, B.Mus., M.Mus.; Graduate study at Indiana University, the University of Illinois and Ball State University

HILDA R. STUDEBAKER, Assistant Professor of English 1964
Manchester College, B.S.; Ball State University, M.A.; Graduate study at Ohio State University

FRED J. UREDNICK, Instructor of Sociology 1966
Hillsdale College, A.B.; University of Notre Dame, M.A.; Graduate study at the University of Notre Dame

JULIUS J. VALBERG, Associate Professor of Modern Languages and History 1950
University of Latvia, A.M., Dr.J.U.; Graduate study at the University of Cologne, Germany; Institute Universitaire, Geneva, Switzerland; Harvard University Law School; and Indiana University

RONALD L. VAN DAM, Head Resident Adviser, Head Wrestling Coach, Assistant Football Coach and Instructor 1965
Taylor University, B.S.Ed.; Ball State University, M.A.Ed.

KENNETH E. VAN SISE, Professor of Business and Economics 1962
Yale University, B.A.; New York University, M.B.A.; Ph.D.
EVELYN G. VAN TIL, Associate Professor of English 1958
Calvin College, A.B.; Purdue University, M.S.; Graduate study at Indiana University and the State University of Iowa

M. JANE VANZANT, Assistant Professor of Education 1966
Taylor University, B.S.; University of Cincinnati, M.S.

MARILYN A. WALKER, Assistant Professor of English and Journalism 1966
Ball State University, B.S.; Indiana University, M.A.

LOIS A. WEED, Assistant Librarian and Assistant Professor 1953
Taylor University, A.B.; University of Kentucky, M.S.L.S.

DALE E. WENGER, Assistant Professor of Mathematics 1963
Manchester College, B.S.; Ohio University, M.S.; Graduate study at the University of Wisconsin

CHARLES R. WILSON, Professor of Religion and Philosophy 1965
Northwestern State College, A.B.; Asbury Theological Seminary, B.D.; Syracuse University, M.A.; Vanderbilt University, Ph.D.

ROBERT C. WOLFE, Assistant Professor of Chemistry and Physics 1962
Taylor University, B.S.Ed.; Indiana University, M.A.; Graduate study at Louisiana State University

VIDA G. WOOD, Professor of Biology 1954
Teachers College, Columbia University, B.S.Ed.; New York State College for Teachers, M.S.; Graduate study at Purdue University

GORDON G. ZIMMERMAN, Dean of the University and Administrative Vice President and Professor of Speech 1965
Moody Bible Institute, Diploma; Sterling College, B.A.; Bowling Green State University, M.A.; University of Michigan, Ph.D.

STANDING COMMITTEES OF THE UNIVERSITY

Administrative Council
Admissions Committee
Advisory Council
Athletic Committee
Educational Policies Committee
English Proficiency Committee
Faculty Personnel Committee
Library Committee
Nominating Committee
Special Events Committee
Spiritual Life Committee
Student Affairs Committee
Student Financial Aid Committee
Teacher Education Committee
The Taylor Program

HISTORICAL DEVELOPMENT

Taylor University was organized in 1846 in Fort Wayne, Indiana, by what was then the Indiana Conference of the Methodist Episcopal Church, and was known as the Fort Wayne Female College. In 1855 it was united with the Collegiate Institute of the same city and became known as Fort Wayne College, a co-educational institution. In 1890 it passed to the control of the National Association of Local Preachers of the Methodist Episcopal Church, and its name was changed to Taylor University in honor of the missionary bishop, William Taylor, called by the historian Hurst, "the modern St. Paul."

In July, 1893, the institution was rechartered and moved to its present location. Rev. T. C. Reade, L.L.D., was president at the time of this change. The gift of a campus of ten acres and $10,000 in cash from the citizens of Upland played no small part in the establishment of the school in its present location. The energy, consecration and self-sacrifice of President Reade and his aides were important factors in the building of a college which had as one of its aims the placing of a college education within the reach of persons of modest means.

After personal visitation and examination of the character and work of the college, Bishop Taylor gave it his hearty endorsement, prayed for it three times every day and assisted it by his influence and with his means. It found a place in his great heart because of its spirituality, its missionary enthusiasm and its interest in students needing financial assistance. All who have become familiar with its product of Christian manhood and womanhood heartily endorse his statement that "this work is of God."

In 1921 The National Association of Local Preachers of the Methodist Episcopal Church transferred the institution to the Alumni Association and they, in turn, at a later date conveyed it to The Legal Hundred of Taylor University. Later the William Taylor Foundation was organized and to this body passed the control of Taylor University. This foundation was fittingly named, since Taylor University still emphasizes the same objectives of world evangelism and the spreading of scriptural holiness which were the motivating passions of Bishop William Taylor.

Although today Taylor University is a private interdenominational liberal arts college, owned and operated by a Board of Trustees, The William Taylor Foundation continues as an affiliate body whose purpose it is to receive and hold funds, trusts, bequests and other gifts for the college.
Taylor University was founded upon the Wesleyan interpretation of evangelical Christianity, and it emphasizes the necessity of the spirit-filled life for effective personal living and world-wide service. Students are admitted with a view to their acceptance of these ideals, as well as their contribution to a kind of social and intellectual climate which is conducive to a unique program of Christian higher education.

**AIMS**

Taylor University is a liberal arts college which is committed to a philosophy of education that emphasizes both intellectual vigor and spiritual values. The life of the mind and the life of faith are not considered to be mutually antagonistic, but are essential to each other. Religious interest and commitment are encouraged and cultivated within an evangelical Christian frame of reference.

The University is committed to belief:

—in the fundamental doctrines of evangelical Christianity as set forth in the common Christian creeds.

—in the Bible as the Word of God, showing God's progressive revelation of His own thought and will to man.


—that the subject of the Bible is redemption, inspired by the love of God the Father, grounded in the atoning sacrifice of God the eternal Son, and made effective to the human soul by God the eternal Spirit.

—in the spiritual unity of believers in our Lord Jesus Christ.

Both teachers and students are expected to combine high academic standards with true spiritual values in the pursuit of knowledge and in growth toward maturity. These goals, and the program for realizing them, are set in the context of a largely residential college with a strong emphasis on religious values, generated by a devotion to evangelical Christianity that creates a distinctly wholesome atmosphere for study, worship and recreation.

It is expected that the behavior of both teachers and students will be in harmony with the implications of this basic Christian philosophy of higher education. It is necessary to have guidelines; thus, the use of alcoholic beverages and tobacco are examples of conduct which is not acceptable within this frame of reference. The college does not sponsor dancing or any forms of social and recreational activity that are not consistent with the realization of these basic educational goals.

Attendance at chapels and convocations is expected of all stu-
The Taylor Program

21

dents and faculty members. This is interpreted as an essential part of the total academic program and of the overall educational experience of the student. The standards for student life statement which the student signs when he is admitted indicates that he is informed about these matters and is willing to live in harmony with these goals and standards while he is associated with the college. Personal interviews and counseling are emphasized as means of maintaining standards and preserving the unique qualities of a Taylor education.

All who work in the organization are expected to combine high academic standards with true spiritual values and so to foster the development of students in harmony with these objectives which, specifically stated, are:

1. To offer an effective liberal arts education fused with a vitally Christian interpretation of truth and life. The first two years of the liberal arts program are designed to provide (a) an introduction to the basic fields of learning and (b) the development of general culture, citizenship in a democracy, Christian ideals and personal qualities.

2. To organize the liberal arts program so as to include adequate pre-professional training in engineering, law, medicine, ministry, business, nursing and medical technology.

3. To prepare students for teaching in the elementary and secondary public schools.

4. To aid the student to develop and maintain a strong body through the practice of proper health habits.

5. To enrich the cultural experience of the students and develop proper social attitudes.

6. To insure the maximum effectiveness of its program through constant study and improvement in the areas of instruction, curriculum and personal services.

ACADEMIC STANDING

Taylor University is accredited by the North Central Association of Colleges and Secondary Schools, the State Department of Public Instruction of Indiana, and the National Council for Accreditation of Teacher Education. Memberships include the American Council on Education, Association of American Colleges, the National Commission of Christian Higher Education of the Association of American Colleges, American Association of University Women, and The Council of Protestant Colleges and Universities.

Training of Veterans: Taylor University is also accredited by the State Department of Public Instruction for the training of persons who qualify under Public Laws 550, 634, 16, and 358.
BUILDINGS AND EDUCATIONAL EQUIPMENT

The Upland campus of Taylor University consists of approximately 170 acres bordering the south edge of the village. The campus includes the following facilities:

The Liberal Arts Building is a newly constructed, air-conditioned facility containing classrooms, faculty offices and the educational media center. It was first occupied on May 2, 1966.

Helena Memorial Music Hall was made possible by the bequest of Mrs. Helena Gehman of Urbana, Ohio, and by a substantial supplementary gift from Mr. and Mrs. Israel B. Shreiner. The building includes teaching studios, rehearsal rooms, practice rooms, faculty offices and Shreiner Auditorium. It is equipped with an Allen electronic organ and a Wickes pipe organ.

The Ayres-Alumni Memorial Library contains two large reading rooms, book stacks, study carrels, microfilm and microcard readers and other modern equipment. The present holdings total 70,000 volumes and 510 periodicals.

Since the administration building was destroyed by fire, administrative offices have been located on the ground floor of this building.

Sickler Hall, known as the Speech and Drama Building, contains classrooms and faculty offices.

The Prayer Chapel is located in Sickler Hall and is appropriately furnished for individual and small group devotional experiences.

The Science Building contains biology, chemistry and physics laboratories, classrooms and faculty offices. This is a newly constructed, $1,250,000 building.

The Art Building was constructed to replace teaching facilities that were lost when the old administration building was destroyed by fire.

Education Annex consists of four units that house Student Council, student publications and housekeeping offices.

Music Annexes 1 and 2 provide group and individual listening and practice rooms and faculty offices.

Maytag Gymnasium was built by Mr. Fred Maytag, Sr. It provides a seating capacity of approximately twelve to fifteen-hundred, and includes a small auxiliary gymnasium equipped for minor sports activities.

The Field House is a new building providing additional opportunities for physical education and athletics.
The Biological Field Station of Taylor University operates at Big Twin Lake in northern Michigan. The camp site is located on a 130 acre tract of land on the shores of Big Twin Lake and is surrounded by the Au Sable State Forest. Facilities consist of a large dining lodge and lounge, a biology laboratory, staff and student cabins, a utility building and water-front facilities.

Magee-Campbell-Wisconsin Hall is a residence for women. The north unit is Stanley Magee Memorial; the middle unit, the John D. Campbell Building; the south unit, the Wisconsin Building. There are one hundred seventy rooms with running water in each, a lounge, several large lobbies, a laundry and a student center.

The Health Center is located on the first floor of Wisconsin Hall in the west wing. It consists of an examination room and office and beds for nine patients.

Samuel Morris Hall is a men's residence with eighty-eight double rooms, a public lounge on the first floor and student lounges on each of the four floors. The building is named for Sammy Morris, a former student from Africa who is featured in the film, "Angel in Ebony."

Swallow-Robin Hall, a three-story brick building, is an additional residence for men. This building was made possible by the gift of Dr. S. C. Swallow of the Central Pennsylvania Methodist Conference, and was named Swallow-Robin in honor of Dr. Swallow and his wife, whose maiden name was Robin. The rooms of this hall are named for those who contributed.

Wengatz Hall is a recently constructed residence for men. It was named after Dr. John C. Wengatz, a graduate of Taylor who spent forty years of missionary service in Africa. The building has one hundred thirty-three rooms, several lounges and a recreation room.

East Hall is a newly constructed residence hall for women. It is a beautifully appointed building with lounges, fireplace and carpeted hallways.

President's Home. The home of the Taylor University President graces a rustic wooded area west of the tennis courts and football field. In this spacious two-story brick residence the presidential family hosts numerous social functions. The substantial, quiet dignity of the home reflects the quality of the college program.

The Lake. A picturesque 8-acre lake on the Taylor property provides swimming opportunity in season and excellent ice skating facilities in winter. Part of the lake is used for studies in ecology, and nearby is a wooded picnic area.

The Storer Food Center is a central food-service building which includes a dome-shaped, glass-enclosed dining room with a seating capacity of six hundred, a private dining room known as the Kerwood Room, and a complete food preparation area.
Fairlane Village consists of thirty-nine two- and three-bedroom units for married students. A few units are used for single students.

The Bookstore and Varsity Grill is a frame structure that houses the college bookstore and snack shop. A post office is located in a separate annex east of this building.

The Central Heating Plant is located just off the campus proper and supplies heat to many university buildings.

LOCATION

Taylor University is located at Upland, Indiana, and near cities that have the following bus, railroad or air service:

MUNCIE:  
Bus: Indiana Motor Bus Co.  
Railroad: New York Central, Nickel Plate.  
Airline: Lake Central.

HARTFORD CITY:  
Bus: Trailways.

HUNTINGTON:  
Railroad: Erie, Wabash.

FORT WAYNE:  
Bus: Trailways, Greyhound  
Railroad: Pennsylvania, Wabash, Nickel Plate.  
Airline: United, Delta.

MARION:  
Bus: Greyhound, Indiana Motor Bus Co.  
Airline: Lake Central
Top: Media Center  /  Bottom: New Science Building
Student Personnel Services

The student personnel services program aims to reach the interest and needs of students and to make available qualified assistance toward superior educational, social and spiritual development. Reaching these goals involves the united efforts of numerous university personnel including the director and associate directors of student affairs, head resident advisers, financial aid counselor, faculty advisers, health center staff and others.

A student affairs committee, composed of faculty and students, meets regularly to discuss areas of particular concern such as housing and food service, health, co-curricular activities, student conduct, and other general concerns relating to student life and welfare.

ORIENTATION

The first week of the fall term is devoted to assisting new students in their initial adjustments to the college environment. Through the use of small group discussions, films, tests, and individual conferences, new students are assisted in gaining information and relating themselves to the academic life of the college.

COUNSELING SERVICES

Counseling is the primary responsibility and concern of the student affairs staff. The director of student affairs is the director of the student personnel services program. His office is open to every kind of student problem. If he and his staff cannot meet the particular need, he will know where aid is available. Academic matters may be discussed with faculty advisers, the registrar, and the dean. Vocational problems are the concerns of the student affairs staff, the dean and faculty advisers. Personal problems are the primary concern of the Student Affairs Office and head resident advisers.

Limited diagnostic and evaluative psychiatric services and consultation are available to students experiencing particular difficulties of an emotional or psychological nature. This service is, as in all counseling, within the context of the Biblical view of life and man. Students requiring or interested in such services will be referred to the psychiatrist following an interview in the Student Affairs Office.

HOUSING

Residence hall facilities at Taylor are designed as living-learning centers. In order to better achieve its objectives, Taylor tries to fulfill two goals: First, to provide a community living experience through which students will be exposed to a variety of learning experiences which go beyond the scope of their chosen courses and to an environ-
ment which places high priority on academic achievement. Second, to provide attractive physical facilities and qualified staff personnel to assist students in developing a high degree of self-direction and responsible citizenship. Each head resident adviser presently employed by the university has faculty rank.

Housing Deposit: Students desiring university housing must return the Request for Housing Information form provided by the Office of Admissions. When an applicant has been admitted to Taylor University and has paid the $100 advance deposit, he will receive a residence hall application card from the Office of Student Affairs. This card is to be filled out and returned to the Business Office along with the $25 deposit on or before July 14 for the fall term, January 1 for the spring term and June 1 for the summer school. This is a refundable deposit which is returned to a student when he leaves college. Charges for damage to residence hall facilities are deducted from this deposit.

BEING ADMITTED TO TAYLOR UNIVERSITY DOES NOT GUARANTEE HOUSING ACCOMMODATIONS. APPLICATION FOR HOUSING MUST BE MADE AND THE HOUSING DEPOSIT PAID BEFORE RESIDENCE HALL SPACE WILL BE RESERVED. CANCELLATION OF ADMISSION DOES NOT AUTOMATICALLY CANCEL THE HOUSING RESERVATION. THE $25 HOUSING DEPOSIT WILL BE REFUNDED ONLY WHEN CANCELLATION IS MADE IN PERSON OR IN WRITING DIRECTLY TO THE OFFICE OF STUDENT AFFAIRS AND WHEN SUCH CANCELLATION IS MADE ON OR BEFORE JULY 14 FOR THE FALL TERM, JANUARY 1 FOR THE SPRING TERM AND JUNE 1 FOR THE SUMMER SCHOOL.

All single students not commuting from the homes of their parents are required to live in university housing. Exceptions may be made by the student personnel staff upon application in writing to the Office of Student Affairs. Only cases of gross need such as unusual health problems verified by the University Health Service and gross age differential between the student and general age range of the student body are considered. When university residence hall facilities are exhausted, it is necessary for older students, transfer students, and students with automobiles to live in approved community housing. Students living outside the college residence halls may not change their place of residence without first receiving permission from the Office of Student Affairs and are expected to observe the same general rules and regulations which apply to resident students.

Room assignments are made prior to the beginning of the fall term. Room and roommate preferences are honored within the limits of available space. The university reserves the right to assign space as it deems appropriate.

The responsibility for determining residence hall regulations rests with the residence halls staff and councils. Changes in rules and regulations may be made from time to time when such changes are considered to be in the best interest of the total university community.
Residence hall rooms are furnished with the following items: window shades or drapes, beds, mattresses, desks, chairs, dressers and study lamps. The university provides and launders two sheets, a pillowcase, two towels and a washcloth. All but one sheet is exchanged for clean linen each week. Additional bedding not mentioned above must be furnished by the student.

FOOD SERVICE

The college provides a complete food service program which includes three meals per day each day of the week. Resident students are encouraged to take advantage of the twenty-one meals provided each week. Meal tickets are issued to each student and are not exchangeable or transferable to another person, even for one meal. In establishing the board rates, consideration has been given to expected absenteeism, and no allowance can be made for meals missed.

Meals are planned for optimum nutrition, and careful attention is given to preparation and serving. Menus are prepared under the supervision of the manager of food service who is vitally concerned with the quality of the food service and is interested in what students like or dislike. Students are encouraged to refer questions on food service to the manager of food service or to a member of the residence hall staff.

HEALTH SERVICE

Student health services are provided by the health service fee charged to all residence students. The nine-bed health center is located in Wisconsin Residence Hall.

A part-time resident physician is employed by the university to provide weekday, outpatient clinic services and emergency care when necessary. A close working relationship is maintained with the Marion General Hospital and several physicians in the Marion area who provide medical and surgical care for students needing hospitalization.

The health center provides a registered nurse on duty 24 hours per day to care for minor ailments and to dispense ordinary drugs. An infirmary is provided for those who are ill and need treatment.

Any resident student who is ill enough to remain out of classes for any reason must report to the health center. IN ORDER TO QUALIFY FOR AN ILLNESS EXCUSE, A RESIDENT STUDENT MUST REPORT TO THE HEALTH CENTER DURING OR PRIOR TO THE CLASS FOR WHICH HE SEeks AN EXCUSE. A commuter must telephone by the same time. In case of severe illness, the health center must be notified as much in advance of the class hour as possible. Resident students missing classes for reasons of illness will be expected to remain in their rooms during the evening. Illness as a result of travel fatigue, late hours or inadequate preparation for class is not an acceptable reason for an excuse.
All resident students are required to subscribe to the health, accident and life insurance coverage provided by the college. The same plan is available on an optional basis to single commuters and to married students and their dependents. Coverage under the insurance plan is in force on and off campus and on a twelve-month basis. All accidents or illnesses requiring medical attention must be reported to the director of the health center. If not reported, these expenses will be the responsibility of the student even though they would have constituted a bona fide claim.

PLACEMENT SERVICE (Non-teacher)

One of the recognized goals of a college education is to maximize career satisfaction. The Placement Office (excluding teacher-education placement) exists for the purpose of providing the liberal arts degree graduate with materials on vocational guidance, career opportunities and employers.

Students register with the Placement Service early in their graduating year for interviews on campus with recruiters from business, industry and government agencies throughout the country.

SPECIAL SERVICES

These services are available to all students needing or seeking help in the area of the basic skills or in the areas of personal or academic guidance.

Testing: General testing programs are administered for the purpose of classification and appraisal of academic progress. Special individual aptitude and achievement tests are given, either at the request of the student himself or his adviser. Other tests for the identification of special interests or personality traits are also available.

Reading Improvement: A non-credit course of two hours per week during each term is available to those students who desire to improve their reading skills. The course is open primarily to incoming freshmen during the fall term, to students of advanced standing during the winter term and to registrants from the larger community during the summer.

English Proficiency: One of the basic requirements for graduation is the attainment of a certain level of proficiency in the use of English. Students found to be deficient are referred to a faculty committee which guides them in their efforts to attain the necessary level of proficiency. The approval of this committee is required for removal from the English deficiency list, and it must be accomplished by the end of the junior year.

Tutorial Aid: For students who may be seriously deficient in certain subject matter areas, the services of able upperclassmen may be secured for tutorial help.
STANDARDS FOR STUDENT LIFE

The statement on Standards for Student Life was primarily the work of students. Its purpose is to provide students with a clearly defined set of guidelines for student conduct. Students have the right to know what the college expects of them and the college reserves the right to expect students to abide by the standards once they are fined. ADMISSION TO TAYLOR UNIVERSITY IS NOT COMPLETE UNTIL THE STUDENT HAS SIGNED AND RETURNED THE STANDARD FOR STUDENT LIFE STATEMENT AT THE TIME HE ACCEPTS THE OFFER FOR ADMISSION. Following is the Standards for Student Life Statement:

Taylor University is centered in the person of Jesus Christ and dedicated to the ideals and practices of life which honor Him.

Although the privilege of enrollment in Taylor University is extended to all who can qualify, regardless of race, color, nationality, creed, or denomination, it is understood that no belief in conflict with the position of the College as expressed in the stated aims in the catalog or otherwise is to be propagated among the students.

As a Christian college, Taylor is not only committed to an evangelical position doctrinally, but is also persuaded that there should be a vital correlation between belief and practice in the life of the Christian. Therefore, we endeavor to maintain a wholesome Christian atmosphere upon the campus. Among the ideals which are upheld are abstinence from practices which tend to weaken the body or which tend to lower the moral standards such as the use of tobacco, alcoholic beverages, profane language, dancing and gambling (especially with the use of cards).

Also, since the church provides the central position for communicating the Christian faith, every student is expected to select a home church in the surrounding community and give it his loyal support.

Because the College does not attempt to infringe upon the government of the home, nonresident students who live in their own homes are permitted the usual privileges of the home as allowed by their parents; however, when they are on the campus, in the company of resident students or identified as students of the college, they are expected to abide by the college aims and standards. Resident students are those who live in the college residence halls or those who move to the Upland area for the expressed purpose of attending Taylor University and live in private homes in the community.

Each student is expected to exert a positive influence for good in his social relationships and to be a responsible member of the college community. Your signature on this form presupposes you have read and are familiar with all the standards
and Christian ideals of Taylor University. The College recognizes that some students may not personally accept these standards of conduct as their own, but the College does expect each student to abide by them while he is associated with the College.

General student conduct is governed by the Student Life Handbook, which is published by the Student Affairs Committee. By enrolling in the college, each student agrees to abide by these standards of conduct. Any student who becomes antagonistic to the spirit and policies of the institution, or who fails to accomplish the true purposes of college life on a Christian campus, may forfeit the privilege of continuing as a student. Cheating, untruthfulness, and any other form of dishonesty or undesirable social conduct will be a cause for disciplinary action.

Automobile Regulations: Freshman resident students are not permitted to HAVE OR USE automobiles and motorcycles on the campus or within a 50 mile radius of the campus. Others may have motor vehicles if they register them in the Office of Student Affairs within 48 hours after they are brought to the campus, maintain satisfactory academic and citizenship status, obey all traffic regulations of the university, have a driver's license, and provide evidence of liability insurance.

COLLEGE COMMUNITY LIFE

Cultural Activities: The university conducts a regular artist series consisting of lectures and musical concerts. Several major dramatic productions are given under the direction of the speech and music departments. These departments sponsor numerous public recitals, concerts, and programs.

Social Activities: Throughout the year the university and student organizations sponsor social functions of an all-campus nature, such as homecoming, banquets, parents' day, special entertainment and films.

Religious Activities: All students are expected to attend Sunday morning service at the church of their choice within the community and the campus Sunday evening service.

Chapel and convocation services are scheduled on Mondays, Wednesdays, and Fridays, and class and faculty prayer meetings are held on Thursdays. ALL FULL-TIME STUDENTS ARE REQUIRED TO ATTEND ALL CHAPEL SERVICES AND CONVOCATIONS. THREE UNEXCUSED ABSENCES ARE PERMITTED IN ADDITION TO ABSENCES DUE TO ILLNESS. ONLY PART-TIME STUDENTS (REGISTERED FOR 11 HOURS OR LESS OF CLASSES) AND THOSE FULL-TIME COMMUTING STUDENTS NOT REGISTERED FOR MORNING CLASSES (7:00-11:00) ON MONDAY, WEDNESDAY, AND FRIDAY ARE EXEMPT FROM THIS REQUIREMENT. STUDENTS KNOWN TO BE VIOLATING THIS REQUIREMENT WILL BE REFERRED TO THE OFFICE OF STUDENT AFFAIRS.
Other religious programs and activities include a fall and spring spiritual emphasis week, a missionary conference, and a youth conference. Students are encouraged to participate in gospel team opportunities. A number of student pastorates are open to upperclassmen. In addition, Taylor's World Outreach, a new program being developed, will serve a liaison function between Christian service organizations and students interested in summer work with mission boards, camps, churches and schools.

**Athletic Activities**: The purpose of the athletic program at Taylor University is to give the students who possess an above-average degree of athletic ability an opportunity to develop physically, mentally, socially, and spiritually through intercollegiate athletic competition. Taylor's athletic program places a strong emphasis on the highest type of sportsmanship and Christian living. The athletic program also provides an opportunity for the physical education professional students to gain experience and insight into this one phase of their chosen profession.

Taylor participates in the following intercollegiate sports: basketball, football, baseball, track, cross country, wrestling, golf and tennis. The college maintains active membership in the Hoosier College Conference, the Indiana Intercollegiate Athletic Association and the National Association of Intercollegiate Athletics.

The opportunity is offered for all to take part in athletics. A complete intramural program is afforded for all those who wish to participate. Students are encouraged to take part in any of the following sports: basketball, touch football, softball, track, volleyball, golf, archery, table tennis, shuffleboard, horseshoes, bowling, fencing and handball. Other sports are included in the program from time to time as interest and facilities justify them.

Women also have an opportunity to participate in athletics at Taylor University. A strong emphasis is given to the intramural program. There is a limited intercollegiate schedule which includes six to eight basketball games.

**GOVERNING BODIES**

**Faculty-Student Committees and Council**: Faculty-student standing committees consider and formulate college policies and propose solutions to problems aimed at improving the quality of the campus community in their respective areas of concern. This council and committees are as follows: Advisory Council, and the Athletic, Library, Special Events, Spiritual Life, and Student Affairs committees.

Standing committees not having student membership are as follows: Administrative Council, and the Admissions, Educational Policies, English Proficiency, Faculty Personnel, Nominating, Student Financial Aid and Teacher Education committees.

**Student Government Organization**: The Student Government Organization consists of the Executive Council, Student Senate, and
Student Court. The primary Student Government Organization committees are as follows: Campus Communications, Community Service and Relations, Finance, Intercollegiate Associations, Organizations, Political Affairs, Scholastic Affairs and Secretarial committees.

Other Governing Bodies: Other student governing bodies are the Residence Hall Councils and Hall Judicial Boards, Inter-Class Council, Academic Class Cabinets and the Student Union Program Board.

STUDENT ORGANIZATIONS

Academic Classes: Each class meets for business at the call of the president, and engages in various social and service activities during the year.

Departmental and Curricular Area Clubs: The general purpose of these clubs is to give to students majoring in the various departments or curricular areas an opportunity to participate in study and research which correlates course material, and to obtain thereby an overall view of the field of study. The clubs are as follows: French Club, Kerygma Club (Professional Status-Religion), Music Club, PEMM Club (Physical Education), Science Club, Social Science Club, Soc-Psy-Ety, (sociology and psychology), Spanish Club and Student Education Association.

Organizations of General Interests: The following organizations have been developed to permit expression and promote understanding in areas of particular interest: Alpha Pi Iota (pre-medical and pre-dental club), Ambassadors for Christ (missionary), Chi Alpha Omega (scholarship), Collegiate Christian Business Men’s Committee, Gamma Delta Beta (cultural), Deeper Life Fellowship (Christian experience), Symposium Dialecticum (discussion), T-Club (athletics), Women’s Recreation Association, Young Democrats, and Young Republicans.

Student Publications: The Echo, the student weekly paper, reports the news of the institution, carries editorials and exchanges, and aims to assist in molding a proper college spirit. Parnassus is the literary magazine published annually which features the original works of students and faculty. A yearbook, Ilium, is also edited and published by students.

FINANCIAL AID

Policies: The primary purpose of the financial aid program is to provide financial assistance to qualified students who otherwise could not enter or continue in college. The university is vitally concerned about developing and maintaining a financial aid program of scholarships, loans, and employment that best reflects the student’s ability to pay, his needs and future plans. Special recognition for academic accomplishments is made possible by the admission status granted and not primarily by the awarding of scholarships or other types of financial aid.
Financial awards are offered as a supplement to parental assistance and self-help. All applicants for financial aid must file the Parents' Confidential Statement provided by the College Scholarship Service. On the basis of this statement the CSS makes an objective evaluation of each student's need based on the cost of attending the university and the resources of his family. The CSS then sends this need analysis to the financial aid office at the university. Factors determining whether or not an applicant is to be given financial assistance are financial need, academic standing, potential, evidence of self-help through regular moral and spiritual purposes of the university. Information concerning the College Scholarship Service may be secured from the applicant's high school, Taylor University, or from the College Scholarship Service, Box 176, Princeton, New Jersey 08540; Box 881, Evanston, Illinois 60201; or Box 1025, Berkeley, California 94701.

To continue receiving a scholarship, the student must attend consecutively by terms. Permission may be granted for a break in the continuity of attendance provided the reason for the interruption is worthy of such consideration. If the student should withdraw from college because of his inability to continue his education, the amount of the scholarship used will be a gift to him. Should he continue his education, the amount of the scholarship used may become due and payable to the university before a transcript of credits will be furnished. Should withdrawal occur within a term, the scholarship will not be effective for that term.

The Student Financial Aid Committee will evaluate annually the conditions upon which a scholarship continues. All decisions of this committee are considered part of the financial aid policies. All questions concerning financial aid and student employment should be directed to the Financial Aid Counselor.

SCHOLARSHIPS

Scholarship funds listed below are granted annually on the basis of merit and need and one-half of the amount awarded is credited each term to the student's account.

Selective Honor Scholarship: $1600 ($400 each year for four years) for graduates in the upper 10% of their graduating classes. There are currently 10 available each year.

President's Scholarship: $800 ($200 each year for four years) available to graduates in the upper 15% of their graduating classes. There are currently 10 available each year.

I. N. Reitenour Scholarship Fund: $100 applied at the rate of $125 per term to an incoming freshman who ranks in the upper 10% of his High School graduating class.

The Reader's Digest Scholarships: (Number and amount varies.)

The Presser Foundation Scholarship Grant: $400 available to two
or more students with preference given to those who expect to become teachers of music.

Dr. L. Monroe Vayhinger Memorial Music Scholarships: Three scholarships of $150 each (at the rate of $75 per term) are offered to students who are majoring or minoring in music.

M. Lee Wilson Memorial Scholarship: $150 awarded to a student who is preparing for the ministry or mission field. Preference is given to a Methodist young man.

Frase Award: $200 available to a male student for his contribution to Taylor University through education department. (Provided by Bruce Frase '51, Wayne Frase '52, and Stuart Frase '55.)

Physics Alumni Scholarship: $500 available to physics majors and minors.

Shy-Fleser Award: $200 available to a male student for his contribution to Taylor University through the physical education department. (Provided by Edward Shy '50 and Calvin Fleser '48.)

International Student Scholarship: $600 granted to each of two freshman students from foreign countries. Each scholarship may be continued for four years by action of the Scholarship Committee.

Mrs. R. R. Weed Memorial Scholarship: $100 awarded to an upperclassman who is preparing for full-time Christian service.

All-College Scholarship: $200 awarded to the student receiving the highest scholastic standing for the academic year.

Alumni Scholarship: $200 awarded to a junior student who has shown evidence of Christian character and leadership.

Shilling Scholarship for Excellence in Science and Mathematics: $100 awarded to a senior majoring in science or mathematics who has a 3.3 grade point average through his junior year. (Provided by Dr. C. W. Shilling, '23.)

Lang Scholarship Fund: Number and amounts vary. (Provided by Mr. and Mrs. Fred M. Lange.)

Coughenour Alumni Sports Award: $250 awarded to a student who has combined academic and athletic success with a positive Christian influence. (Provided by Dr. and Mrs. Robert Coughenour.)

Musicator Scholarship: $100 available to a sophomore, junior or senior music major. (Provided by the Music Club.)

Business and Economics Scholarship: $1000 awarded to four students (at the rate of $125 per term) who are majoring in business and economics.

H. C. Schlarb Scholarship: $250 awarded to a student majoring or minoring in business and economics.
Chi Alpha Omega Scholarship: $200 awarded in the spring to a student having completed four terms at Taylor, and effective the next academic year.

The Dorothy Knight Scholarship: $500 available to a needy sophomore who demonstrates academic and service potential. (Provided by Dr. and Mrs. Harold L. Herber.)

The Ralph W. Herber - Earl J. Rose Scholarship: $500 available to a needy senior who demonstrates academic and service potential. (Provided by Dr. and Mrs. Harold L. Herber.)

GRANTS-IN-AID AND LOANS

Taylor University Grants: Aid to a limited number of upper-classmen is available through contributions made for this purpose by friends of the institution.

Educational Opportunity Grants: Federal grants in amounts from $200 to $800 are available and renewable annually to students who have great financial need, and who would be unable to attend the university without this aid.

Taylor Student Loan Funds: A number of funds have been established from which students may borrow on the basis of 1% while in school and 4% thereafter. The following amounts are available annually: not more than $100 to a freshman; $300 to a sophomore; $400 to a junior; and $500 to a senior. These are:

General Loan Fund
Nelva Snider Dober Loan Fund
Robert M. Stewart Memorial Loan Fund
Ray F. Barnes Student Loan Fund
Indiana Federation of Clubs Trust Fund
Maude Betts Student Loan Fund
Linton Wood Student Loan Fund
Daniel Schwenk Student Loan Trust Fund
Sleicher-Utley Loan Fund
Elmer Stockman Loan Fund
Erwin and Eva King Ministerial Students Loan Fund
Bourquart-Caffray Student Loan Fund
Speicher Loan Fund
Rev. John Campbell Memorial Loan Fund
Frank Montgomery Loan Fund
G. Harlowe Evans Student Loans
Emer L. Sheppard Memorial Loan Fund

Danny Alford Emergency Loan Fund: Amounts up to $100 available on 90 day repayment basis.

T. Levis Gerig Memorial Loan Fund: Amounts up to $100 available on 60 day repayment basis.

Methodist Student Loan Funds: $250 to $450 per year available
to Methodist students (depending on their academic classification) who are maintaining at least a C average.

American Baptist Student Loan Fund: Up to $500 a year to students of the American Baptist Church.

Lutheran Church Vocations-Loans: Up to $600 annually, determined by need. Half of the amount is repayable in service, half in cash.

Presbyterian Student Loan Fund: Amounts are available for the sophomore year up to $250, junior $400, senior $500—total $1000 maximum.

National Defense Student Loan Program: $1000 maximum available annually to a student who shows evidence of financial need. The interest rate is 3% after graduation with ten years to repay and up to 50% forgiveness feature for those who enter the teaching profession.

State Guaranteed Loans: $1000 to $1500 maximum is available annually for students enrolled in college and doing satisfactory work. Application for these loans is made through the local bank or other lending institutions. The interest rate is 3% after graduation with ten years to repay.

United Student Aid Funds, Inc.: $1000 maximum available annually for students enrolled in school and doing satisfactory work. Application for this loan is obtained at the university and is then submitted to the hometown participating banks. The interest rate is 3% after graduation with provision for repayment up to ten years.

Other Aid Programs: Many good plans for meeting educational expenses are available through banks and specialized companies. Information on these plans is available through the Financial Aid Office.

Vocational Rehabilitation Aid: Students from Indiana, as well as those from a number of other states, having vocational handicaps are eligible for aid in varying amounts.

STUDENT EMPLOYMENT

Policies: Freshmen may not engage in more than fifteen hours of employment without the special permission of the Director of Student Affairs; upperclassmen, not more than twenty, and no student may accept off-campus employment without permission. The primary obligation of the student is to his studies. Employment policies attempt to define the usually effective balance and limits of academic and non-academic concerns.

On-Campus Employment: Work opportunities are available for approximately one-third of the student body.

College Work-Study: Students, particularly those from low income families, are eligible to work up to 15 hours weekly while at-
tending classes full time. The basic pay rate is $1.25-$1.75 an hour. Work assignments are arranged by the Financial Aid Counselor.

**Off-Campus Employment:** There are a limited number of job opportunities where students may split an eight-hour shift. Various other part-time jobs are available from time to time.

**Application for Employment:** Employment applications are obtained from the Financial Aid Counselor for both on-campus and off-campus work.

**CONTESTS AND AWARDS**

*McLennan Oratory Award:* $60 first place and $40 second place award for speeches on the subject of alcoholism. (Provided by the Reverend Ross McLennan.)

*Shilling Art Award:* $15 first place and $10 second place award for both water color and oil paintings. (Provided by friends and sons of Mrs. Mary O. Shilling.)

*Patton Drawing Contest:* $15 first place and $10 second place award for excellence in drawing techniques. (Provided by Professor Jack Patton.)

*Carman-Hollenbach Poster Contests:* $15 first place and $10 second place awards. (Provided by Philip Carman and Lynn Hollenbach.)

*Coburn Track Award:* $100 is awarded on basis of need, and ability in track and field. (Provided by Maurice Coburn, '49.)

*Carl Daugherty Baseball Award:* $100 based on need and ability in baseball. (Provided by Carl Daugherty, '50.)

*The Gates-Howard Award:* Recognition is given for athletic accomplishment. (Provided by J. B. Gates and Arthur W. Howard.)

*Granitz-Nelson Football Award:* $100 based on need and ability in football. (Provided by John Nelson, '52 and Don Granitz, '52.)
The cost of education at Taylor University is kept as low as possible. As a result, the student pays only a part of the actual cost of his education. The balance comes from gifts, earnings on the endowment and miscellaneous sources.

The college reserves the right to advance rates if and when necessary.

COST OF ACADEMIC YEAR

The cost of an academic year, consisting of the fall and spring terms and the inter-term, is set forth in the table below. The stated expenses are applicable to a student carrying an academic load of 12 to 16 credit hours.

<table>
<thead>
<tr>
<th></th>
<th>Resident Student</th>
<th>Commuting Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$1,312.00</td>
<td>$1,312.00</td>
</tr>
<tr>
<td>Incidental Fees</td>
<td>68.00</td>
<td>68.00</td>
</tr>
<tr>
<td>Room and Board</td>
<td>896.00</td>
<td></td>
</tr>
<tr>
<td>Student Insurance</td>
<td>24.00</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2,300.00</strong></td>
<td><strong>$1,380.00</strong></td>
</tr>
</tbody>
</table>

The incidental fees cover student service and activity expenses which include athletic events, student newspaper, yearbook, lyceum series, post office, Student Union activities, and the Student Government Organization. Students taking less than 12 credit hours pay regular student rates when participating in the individual service or activity.

Board provides three (3) meals each day, seven (7) days a week for the periods in which orientation and instruction are in progress. Room includes health service, linen rental, and weekly laundry of sheets, pillow case, wash cloth, and towels.

The student insurance provides health and accident coverage and $1,000.00 of life insurance protection. The student insurance covers the student for a twelve (12) months’ period beginning when the student arrives on campus for the fall term and ending upon his return to campus the following year. This insurance is required of all resident students.

Tuition for less than 12 credit hours is $55.00 per hour. The charge for hours in excess of 16 credit hours is $35.00 per hour. Courses taken for audit are billed at the rate of $20.00 per credit hour.

OTHER CHARGES

Certain other charges are assessed for courses requiring private or special instruction and for administrative costs of special services.
These charges are shown below:

Private Music Lessons, (per term—1 lesson each week)

- Organ (includes 5 periods per week practice) ........ $75
- Piano (includes 5 periods per week practice) .......... $55
- Instruments (includes 5 periods per week practice) ... $48
- Voice (includes 5 periods per week practice) .......... $55
- Voice and Piano Class (8 in a class) (includes 5 periods per week practice) ........ $25 each

Supervised Student Teaching: $12.00 per hour, including the cost of applying for certification, first-time placement and the student-teacher banquet.

Supervised Social Case Work: $25.00 per term.

Reading Improvement Services: $35.00 per term.

Graduation Fee: $25.00 is charged to all candidates for graduation and is included in the cost for the last term of the senior year. It includes the diploma, rental of cap and gown, and other graduation expenses.

Special Examinations: $5.00 is charged for all special examinations and make-up tests unless written exemption is issued by the dean. The professor will require a receipt from the cashier showing that the fee has been paid.

Student Insurance: Optional to the commuting student only. coverage is available for the single student ($24 per year) man and wife ($51 per year) and family ($80 per year). Rates for those entering other than for the fall term are available upon request.

Late Registration: $10.00 per week is charged after the designated registration day of any term.

Change of Registration: $3.00 is charged for each change made after registration day.

PAYMENT OF BILLS

A vital and practical phase of a student’s development in college should be the experience of handling his financial obligations. Thus, Taylor University deals directly with the student in all financial matters and addresses all billings, statements, and correspondence to the student. Accordingly, it is expected the student will take the necessary action to insure that these obligations are handled satisfactorily. Registration is not completed until the financial requirements have been met.

The total charges for the fall term and inter-term will be included on the billing mailed to each pre-registered student at least one month prior to the beginning of the fall term. Billings for the spring term will be mailed no later than three weeks prior to the beginning
of that term. Pre-registered students are required to make the minimum payment in person or by mail on or before registration day. Students not pre-registered must make the minimum payment on registration day to be enrolled in classes.

Payment of the actual amount due for each term may be handled by one of the following methods:

(a) Payment in full: All students are encouraged to use this method of payment in order to earn the discount for cash. Payment in full is required of all part-time students (Those carrying 11 hours or less).

(b) Minimum payment: (includes $100 advance payment)
   Resident Student ........................................ $800
   Non-Resident Student ................................. $575
   Balance of bill for first term is due October 30th and for second term March 31.

(c) Special arrangements: Extreme hardship cases must be worked out in advance of registration day with the Controller's Office.

For purposes of meeting the financial requirements, only Taylor University administered assistance (Scholarships, Grants, NDEA, EOG, Rehabilitation, etc.) will be considered as credit toward payment of the bill. Non-Taylor administered assistance (state guaranteed loans, state scholarships, etc.) remaining unpaid on registration day, but officially awarded may be honored toward meeting the minimum payment required. However, a 1% per month carrying charge will be assessed on the difference between the minimum payment and the total of actual cash paid and Taylor University administered assistance applied.

A cash discount is allowed if the term's bill is paid in full either on or before registration day. The amount of the allowable discount appears on the billing.

A minimum charge of $5.00 plus $1.00 per day will be made for collection of overdue bills. If permission has been granted for a delay in the completion of the final payment due October 30th (first term) and March 31 (second term), a 1% per month carrying charge will be added.

Workbill credit will automatically be applied to the student's account if it is not paid in full when the final amount is due.

All accounts must be paid in full before academic credit is granted.

WITHDRAWALS AND REFUNDS

Withdrawals from courses must be approved by the dean. Tuition charges for courses dropped are refundable in full during the first week of classes. There is no refund of tuition if a course is dropped after the first week of classes.
Withdrawals from private instruction are refundable in accordance with the schedule for withdrawals from college.

Withdrawals from college must be approved by the director of student affairs and the dean before any refunds are made. Refunds for a student who must withdraw because of citizenship may be denied depending upon the circumstances of the withdrawal.

Refunds are based on the total term's bill and on the date the official withdrawal form is completed. A service fee of $35.00, in addition to possible forfeiture of the advance payment and housing deposit, is charged students who complete registration but must withdraw before attending classes. Any unusual deviations from the above are at the discretion of the director of student affairs.

Refunds of student charges are based on the following schedule:

<table>
<thead>
<tr>
<th>Tuition and Private Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withdrawals to the end of the</td>
</tr>
<tr>
<td>3rd week</td>
</tr>
<tr>
<td>6th week</td>
</tr>
<tr>
<td>8th week</td>
</tr>
<tr>
<td>Withdrawals after end of 8th week</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incidental Fees</th>
</tr>
</thead>
</table>
| Board (unused portion—full weeks only) | 90%  
| Room | Non-Refundable |
Admission

ADMISSION

Taylor University seeks students who can profit from both the religious and academic philosophies of the institution and who are as concerned with the development of man's spiritual life as with his intellectual potentials. Candidates for admission must give satisfactory evidence of good character and declare a willingness to live in harmony with the religious orientation of the college. Students who feel that they may not be able to live comfortably in such an atmosphere are encouraged to visit the campus and carefully evaluate the advisability of their applications.

Basic Academic Requirements: The basic academic requirements are graduation from an accredited secondary school, rank in the upper half of the class and presentation of satisfactory scores from the Scholastic Aptitude Test of the College Entrance Examination Board. The College Board scores are used to help interpret the secondary school record, which is considered the primary document in evaluation of an applicant's academic potential. The recommendation of the guidance counselor or principal is important as are extracurricular activities, but they are not to be considered substitutes for consistent academic performance. Exception to the regular admissions requirements is possible when an individual applicant's credentials justify deviation from the above pattern.

Minimal Secondary School Units Required for Admission: English, 4 units; Mathematics, 2 units (one must be algebra, the second should be geometry); laboratory science, 1 unit; social studies, 2 units. Two units of a foreign language are strongly recommended. A total of 15 units (30 credits) are to be completed in order to merit consideration.

College Entrance Examination Board Tests: Each applicant seeking admission to the freshman class is required to present scores from the Scholastic Aptitude Test of the College Entrance Examination Board. Applicants should plan to take the test in November, December or January during the year preceding September admission. Registration procedures for the test are explained in the CEEB "Bulletin of Information" available from any secondary school guidance office. Completed registration cards should be mailed with the fee to the College Entrance Examination Board, Box 592, Princeton, New Jersey, 08540, or Box 1025, Berkeley, California 94701, depending on where the applicant lives. Test scores must be sent to the Director of Admissions, Taylor University, Upland, Indiana 46989, directly from the College Entrance Examination Board. Scores sent from other
sources are not to be considered official and cannot fulfill the admission requirement.

*Application Credentials:* Application to Taylor University is made on forms available from the Admissions Office. Credentials are to be returned to that office early in the year preceding September admission and must be submitted with a non-refundable application fee of $10. No application is accepted before the applicant completes his/her junior year of high school. Application credentials include the application, a secondary school transcript, a recommendation from the secondary school guidance counselor or principal, a brief autobiography, a pastor’s recommendation, a health report, and a small picture of the applicant.

*Notification of Admission Decision:* Taylor functions according to a rolling admissions procedure, and admission decisions are returned to applicants approximately three weeks after all credentials, including SAT scores, have been received. All acceptances are to be validated by the submission of a final supplementary transcript upon graduation from secondary school. This document must include the listing of all subjects and grades in courses completed since the receipt of a first transcript, and the final class ranking. Transfer applicants must also submit a supplementary transcript listing undergraduate work fulfilled since the submission of a preliminary academic record.

*Personal Interview:* A personal interview may be requested at the discretion of the Director of Admissions.

*Transfer Applicants:* A transfer student must present the credentials required of high school students and, in addition, a transcript(s) (with honorable dismissal) of the academic record and a personnel report from each college attended. An accumulative B- average in college studies is normally required. The College Board test is not required of transfer students who have successfully completed one term of college.

*International Student Applicants:* Students who are not citizens of the United States and wish to apply for admission, should write the Director of Admissions, Taylor University, for special admission application forms and instructions. Four basic concerns apply to international student applicants: (1) Academic competency; (2) competency in the use of the English language; (3) ability to finance the cost of a Taylor education; and (4) willingness to accept Taylor University's Protestant religious orientation and standards for student life.

*Levels of Admission:* Applicants are admitted to Taylor University in the following categories: (1) Admission with honors is reserved for students who rank high in their classes and whose grades and test scores are at a very high level. (2) Regular admission is granted those students who meet standard admission requirements.
Admission

(3) Admission with warning is given to a limited number of borderline students whose credentials indicate the possibility of potential success at Taylor if maximum effort and disciplined habits are employed in every area of college life. (4) Admission on academic probation is offered to a few applicants whose credentials convince the admissions committee that in spite of weaknesses they are worthy of the opportunity to pursue their studies at Taylor University. (5) "Special" student status is considered for a limited number of non-degree students admitted on the basis of maturity and ability, but who fail to meet normal admission requirements or who plan to study for personal improvement only. See page 53 for further details.

The Advance Payment

After receiving notice of acceptance, a $100 advance payment becomes due. This payment is the acceptance of admission and a reservation in Taylor's student body. The $100 is applied to the term's bill. New students accepted before February 15 must pay the advance payment by March 15; those accepted on February 15 or after, pay within thirty days from the date of acceptance. Students accepted for the inter-term and second term must pay by September 1, or within 30 days if acceptance is dated August 1 or after. Late acceptees may be asked to pay in less than 30 days.

Failure by the applicant to make the advance payment releases the University from any obligation to him/her. Late payment can be accepted only if residence hall and class space is available.

Refund Policy: If notice of cancellation is received in the admissions office

For Fall Term Admission

<table>
<thead>
<tr>
<th>Period</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>between March 15 and May 31</td>
<td>$95</td>
</tr>
<tr>
<td>between June 1 and July 14</td>
<td>$50</td>
</tr>
<tr>
<td>on July 15 or after</td>
<td>None</td>
</tr>
</tbody>
</table>

For Inter-Term and Spring Term Admission

<table>
<thead>
<tr>
<th>Period</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>before November 1</td>
<td>$95</td>
</tr>
<tr>
<td>between November 1 and November 30</td>
<td>$50</td>
</tr>
<tr>
<td>After December 1</td>
<td>None</td>
</tr>
</tbody>
</table>

Housing Deposit

Upon receipt of the $100 advance payment and Request for Housing Information Form, a Housing Application Card will be forwarded to the student from the Office of Student Affairs. Each reservation must be accompanied by a $25 refundable housing deposit. (See page 28 for details.)
ADVANCED STANDING

Advanced Placement and Credit: To seek advanced standing or college course credit, the applicant must take the advanced Placement Examination of the College Entrance Examination Board in the field of study for which he may qualify. Students who have taken an Advanced Placement course in high school and who have passed the National Advanced Placement Examination in that course at a 3 point level or better are automatically eligible for placement at the next level of the college sequence and may receive college credit. A Bulletin of Information for Students is available through the high school or the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

Participants in the Indiana High School Achievement Program may receive the same consideration as those taking the College Board Advanced Placement Examinations.

Transfer Credit: Taylor University accepts in transfer only those courses carrying grades of C or above from accredited institutions, except in the case of sequence courses in which the second term shows definite improvement over the first. These exceptions are to be made only at the discretion of the registrar and dean. They are not to exceed a total of ten term hours. Credit granted for work accepted in transfer is provisional, subject to the completion of one term of satisfactory work in Taylor University.

Transfer students must take in residence at Taylor University a minimum of one-half the term hours required in the major field of study.

Transfer students from junior colleges may receive up to 66 term hours of transfer credit.

Correspondence study credit from approved institutions may be considered for transfer. A maximum of six term hours is permitted.
Academic Adviser, Registration, Eligibility and Records

ACADEMIC ADVISER

After admission to Taylor University and making the advance payment, each new student is assigned a faculty adviser by the registrar on the basis of the student's expressed academic interest. The registrar and the adviser assist the student in selecting his courses of study and in interpreting general and major degree requirements. The student must take initiative and responsibility in making sure he is meeting all requirements. When in doubt he should consult his adviser, the registrar, or the dean.

Advanced students who have chosen major fields of study must have their registration approved by the major professor.

REGISTRATION

The majority of students pre-register for their courses and pay in person or by mail before the opening of each term. The balance of students register and pay dues on the first day of each term.

Late registration is permissible only by the consent of the dean. A late registration fee of ten dollars per week, or fraction thereof, must be paid by the student. After two weeks of classes, students may carry only twelve hours of work. There will be no enrollment after three weeks of classes.

Residence work is defined as work taken in regular course for which the student registers at the beginning of a regular term.

ELIGIBILITY

Co-Curricular Activities: A student must be a regularly enrolled undergraduate carrying a minimum of twelve term hours. The student must not fall below the scale of satisfactory progress toward graduation. He must not be on academic or citizenship probation. If a student fails to meet these requirements, he is ineligible for the whole of his next term.

Intercollegiate Athletics: In addition to general eligibility requirements, Taylor University observes the regulations of the Hoosier College Conference and the National Association of Intercollegiate Athletics.

Musical Organizations: Eligibility for musical organizations is determined on a year's basis, provided the student is enrolled in the
musical organization for academic credit. A student may not join such an organization in the first term if he is admitted on prob-

ation or is ineligible, and he may not be permitted to enroll for the second term if he becomes ineligible or is on probation as a re-

sult of first term grades. However, if he becomes ineligible or is on probation at the beginning of the second term, having been in the organization for the first term, he may then continue for the second term provided he makes other adjustments in the use of his time and energy in order to balance this responsibility.

Restrictions: As an aid in overcoming academic deficiencies, the student who is ineligible or is on academic probation is expected to observe the following: no unexcused absences from classes or chapel, and no employment on or off campus without the permission of the director of student affairs. A resident student on probation may not have or use an automobile.

TRANSCRIPT OF RECORD

An official transcript of the student's academic record bears the registrar's signature and the university seal. Transcripts issued to students also bear the inscription "Transcript for Student." Taylor University assumes no responsibility for the accuracy of a transcript after it leaves the registrar's office.

A transcript of an academic record normally includes a list of all courses attempted, the grades and quality points earned, and the credit received. Most transcripts also bear the high school graduation date. Credits accepted in transfer are a part of the record. Because of the January 1960 fire which destroyed the administration building, certain exceptions exist, especially in the records of nongraduates.

Two weeks must be allowed after the close of a term for the issuance of an up-to-date transcript.

Transcript requests must be made in writing. To protect the student's record, no request is accepted by telephone.

Each student is entitled to one free transcript. Additional copies cost $1 each. The fee must accompany the transcript order. Delivery will be delayed until payment is received. No transcript will be issued unless all bills to Taylor University have been paid or are current according to agreement with the business office.

GRADE REPORTS

At the close of each term, the registrar sends the grade report to each student's parents or guardian. In the case of married students, the grade reports are sent directly to the student.
Academic Regulations

Academic policies and regulations are administered by the offices of the dean and the registrar.

STUDENT CLASSIFICATION

The school year is divided into terms. The student may enter at the beginning of any term, but it is advisable that he register in the fall.

A student cannot be classified until he has met the entrance requirements, although a minimum number of applications for special student standing may be considered.

Students admitted with regular standing are classified as follows:

- Freshmen: through twenty-one credit hours.
- Sophomores: twenty-two through fifty-three credit hours.
- Juniors: fifty-four through eighty-seven credit hours.
- Seniors: eighty-eight hours to graduation.

Special: Non-degree students admitted on the basis of maturity and ability, but who fail to meet regular-standing requirements or who plan to study for personal improvement only. They may qualify for regular standing by removing entrance deficiencies and by earning a minimum C (2.0) average. Normally, there is a 30-hour limit. Credits earned as a special student may apply toward a degree when regular standing is attained.

A student's classification is, in any given term, based on the total number of credit hours and quality points earned to date. Status in academic classes relative to the holding of offices and participation in social functions is to be determined with reference to these classifications.

CLASS ATTENDANCE

The primary objective of a student and professor is the student's attainment of course goals. Class time is to be structured by the instructor to promote learning. This includes formal class meetings, meetings with students individually or in small groups, and releasing students for directed independent study.

At the beginning of the term, professors will announce their policies for absences. Students assume the responsibility for the work missed because of class absences. Professors are willing to assist students whose absences are caused by illness, college-approved activities, and extenuating circumstances. Attendance at the last class
meeting before and the first one following vacation periods is required.

Chapel and convocation attendance is required three days per week.

**GRADING SYSTEM**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
</tr>
<tr>
<td>B</td>
<td>Better than average</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
</tr>
<tr>
<td>E</td>
<td>Condition</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal from college</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawal while passing</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal while failing</td>
</tr>
<tr>
<td>Inc</td>
<td>Incomplete</td>
</tr>
<tr>
<td>NC</td>
<td>No credit (limited to music ensembles)</td>
</tr>
<tr>
<td>Aud</td>
<td>Audit (registration without credit)</td>
</tr>
</tbody>
</table>

An incomplete is given when a student, because of illness or other circumstances beyond his control occurring during the last month of a term, is unable to complete his work by the end of the term. Normally the incomplete must be authorized by the dean.

In case of withdrawal from a course, the quality of the student's work will be indicated as either passing or failing, provided the withdrawal occurs after the period during which changes of registration are permitted.

A condition or an incomplete mark lapses into a failure if not removed during the following term. When a condition is removed, the mark attained may not be higher than C.

Quality points are given with the grades as follows: 4 per credit hour of A, 3 for B, 2 for C, 1 for D, 0 for F.

In order to maintain the minimum graduation standard of the college, a student is required to earn a scholarship rating equivalent to at least two quality points for each credit hour for which he is registered. The average scholarship rating in terms of quality points is found by dividing the total number of hours for which the student is registered into the total number of quality points earned. For example, 15 scheduled hours and 30 quality points indicate a scholarship rating of 2.0, i.e., an average of C.

**GRADUATION HONORS**

In recognition of superior scholarship, the college awards honors of three grades at graduation, namely, Cum Laude, Magna Cum Laude and Summa Cum Laude.

Cum Laude is awarded those students who have an average of quality points of not less than 3.3 for each credit hour of academic work. To be eligible for this honor, the student must have been in
residence at Taylor University during all of his junior and senior years and have earned a minimum of sixty term hours of credit.

Magna Cum Laude is awarded those students who have an average of quality points of not less than 3.7 for each credit hour of academic work. To be eligible for this honor, the student must have been in residence study at Taylor University throughout the entire four-year course.

Summa Cum Laude is awarded those students who have a standing of 3.85 in all of their college work. This is also based on a full course of study at Taylor University.

Chi Alpha Omega is a scholastic honor society, election to which is limited to not more than ten percent of the senior class.

**HONORS PROGRAM**

In most of the departments, opportunities are offered to superior students for independent work under the direction of the department head. Honors courses are open to seniors and juniors in the major and minor fields of study on the condition that a B average has been maintained in all work done in that field.

**JUNIOR YEAR ABROAD**

To students who give evidence of superior achievement, opportunities are open to spend the junior year studying abroad in any one of several countries. Applications must be made to the Educational Policies Committee during the sophomore year, and students will be recommended by that committee on the basis of individual qualifications.

**ACADEMIC PROGRESS TOWARD GRADUATION**

A freshman is on probation unless his point-hour ratio for the first term is 1.6 or above. He will not be permitted to register at the beginning of the sophomore year unless his point-hour ratio for the entire freshman year is 1.7 or above.

A sophomore is on probation unless he has, at the end of the first term of that year, a scholarship standing of 1.8 or above. He will not be permitted to register at the beginning of the junior year unless his average is 1.85 or above, this standing to be based on all work done since entering Taylor.

A junior is on probation at the end of the first term of that year unless his point-hour ratio is 1.9 or above. He will not be permitted to register at the beginning of the senior year unless his point-hour average is 1.95 or above, this average to be based on all work done since entering Taylor.
A senior must have earned at least 108 credit hours and a scholarship standing of 2.0 at the end of the first term of the senior year in order to be considered a candidate for graduation in May.

A student who falls below these minimum levels may be considered for an extension of probation, which may be granted if the record is near the minimum requirements. Students on probation are placed on ineligible status as defined on pages 51 and 52.

These point-hour ratios are to be understood as minimum requirements for remaining in college. Other scholastic standings as they relate to major fields of study, teacher education curricula, et cetera, are listed in the statement of general requirements for graduation.

**STUDENT HOUR LOAD**

Registration for twelve or more hours constitutes full-time standing, and fifteen or sixteen hours constitute a normal load of academic work. Freshmen who have campus work are not permitted to carry more than the normal student load, except in the case of music ensemble groups, and no student who holds a forty-hour off-campus job may carry more than the minimum regular load. Permission to carry seventeen hours may be granted, provided the student’s scholastic standing is C or above. In order to carry eighteen hours, the student’s cumulative scholastic standing must be at least 3.0, for nineteen hours it must be 3.3 and for twenty hours it must be 3.6. Approval for eighteen or more hours is secured by petition requiring the approval of the dean.

**COURSE NUMBERS AND LEVELS**

The curriculum is divided into junior and senior college levels, with more significant distinctions between the sophomore and junior years than between the levels within the lower and upper divisions.

Hyphenated numbers represent sequence courses, both parts of which must be taken in order to receive credit. Comma courses sometimes permit taking of either term for credit, but generally permit taking the first term for credit without taking the second. The latter often makes the first term course prerequisite to the second — check the course entry by department for specifics.

Freshmen are not permitted to take courses above the 200 level. Seniors who may be permitted to register for 100-level courses must present one additional hour for each three toward the total for graduation.

The college reserves the right to withdraw any scheduled course for which enrollment is insufficient to warrant the organization of a class.
Courses are numbered according to the following plan:

100-199, primarily for freshmen
200-299, primarily for sophomores
300-399, primarily for juniors
400-499, primarily for seniors

CHANGE OF REGISTRATION

Change of registration may be made during the first week of the term with the approval of the adviser and the dean. After this, no change of registration may be made except withdrawal from a course with official permission. Such permission will be granted only on the basis of conditions beyond the student's control, and which justify a reduction of hours to less than a normal load.

GENERAL GRADUATION REQUIREMENTS

Residence—The student must have been in residence for at least one entire school year, and must have completed a minimum of thirty term hours. He must also have been in residence study during the entire senior year unless special permission has been given in advance by the Educational Policies Committee to take work elsewhere in order to make up a slight deficiency in required credit. (The regulation with respect to senior residence study does not apply to the affiliation programs.)

Credit Hours—At least one hundred twenty-four term hours of credit in college courses. (Credits are not counted toward graduation for courses in which the mark falls below D.)

Quality Points—Quality points at least double the number of credit hours earned in Taylor University. (Transfer credits accepted from other colleges are not included in the computation of scholastic index.)

Major Field—Graduation requirements in the major field include having earned a grade point average of 2.25 and excluding from the major any course above the 100 level that carries a grade of D. The course excluded does not count in the major-field grade point computation, but it does count toward the total graduation credit-hour requirement and in the overall grade point average.

Upper-Division Hours—A minimum of forty term hours in upper-division courses, preferably taken during the junior and senior years, must be presented to meet the graduation requirements. Reasonable adjustments are made in the affiliation program.

English Proficiency—In the case of deficiencies in the proper use of English, the candidate for graduation must have secured the approval of the English Proficiency Committee by the end of the junior year.
Comprehensive Examination—A candidate for a degree must pass a comprehensive examination in his major field of study. This examination is given during the senior year. Students in the affiliation programs whose residence study is completed at the close of the junior year are required to take the comprehensive examination at the end of that year. A candidate for the Bachelor of Science in Education degree must pass a comprehensive examination in his major teaching field.

Time of Graduation—A student may complete his requirements at the close of any term. Formal announcement of graduation is made and degrees are conferred in June, and all students completing the conditions for graduation in the preceding December or the following August may participate in the commencement activities.

DEGREE REQUIREMENTS

General requirements for all students:

- Religion 120
- Philosophy 350 (or Philosophy 272 and Religion 461)
- Four terms of general physical education.
- Fine Arts 230
- English 100
- One course in literature (English 200, 221 or 222)
- Eight term hours of laboratory science.

A student who does not offer a laboratory science for entrance must take an additional eight hours.

- Five term hours of history (six, if taken in two terms). One of the following: Sociology 100, Economics 201 or Political Science 100.

For the Bachelor of Arts only:

Study of a single foreign language during a two-year period unless four or more units of any combination of high school languages are presented for entrance. Students who present more than one year of high school study in a particular language and who wish to pursue that language in college must start this study at the intermediate level.

A major, chosen not later than at the beginning of the junior year, of at least twenty-four term hours, and a minor of at least sixteen hours. (Specific departmental requirements are indicated in the departmental sections of the catalog.) The student shall in every case select his major and minor in consultation with his adviser. No student will be permitted to change his major after the sophomore year without consultation with the dean.

For those preparing to teach:

Professional education courses and teaching fields as outlined in the program of teacher education at Taylor University.
The following program will apply to all freshmen entering in September 1968:

**Total requirements for graduation—136 Taylor term hours.**

**General education requirements:**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English composition and literature</td>
<td>8-9</td>
</tr>
<tr>
<td>Two courses chosen from the following areas:</td>
<td></td>
</tr>
<tr>
<td>Psychology, Sociology, Political Science, Economics</td>
<td>6-9</td>
</tr>
<tr>
<td>and Geography</td>
<td></td>
</tr>
<tr>
<td>Laboratory science</td>
<td>8-10</td>
</tr>
<tr>
<td>Bible and Philosophy</td>
<td>12</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>4</td>
</tr>
<tr>
<td>Departmental seminar</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>4</td>
</tr>
<tr>
<td>Two electives chosen outside of the department</td>
<td></td>
</tr>
<tr>
<td>and not listed as departmental requirements for the</td>
<td>6-8</td>
</tr>
<tr>
<td>major</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>56-64 hours</strong></td>
</tr>
</tbody>
</table>

The calendar includes 36 weeks from the opening day in September until graduation, the first Sunday in June.

A regular student load should be 15 hours each term plus 4 during the January inter-term. All freshmen would take a history course and all sophomores would meet part of the Bible and Philosophy requirement during January while all seniors would be involved in the senior seminar.
The Curriculum

AREAS AND COURSES

Some of the areas offer majors that seek to deal with materials related to all of the departments of which the area is composed.

The four curricular areas of the college are as follows:

The Education-Physical Education Area which includes the departments of Education and Physical Education and Health.

The Humanities Area which includes the departments of Art, English, Greek, Modern Languages, Music, Philosophy, Religion and Speech.

The Natural Science Area which includes the departments of Astronomy, Biology, Chemistry, Mathematics and Physics.

The Social Science Area which includes the departments of Business and Economics, Geography, History, Political Science, Psychology and Sociology.

Area of Humanities

230—SURVEY OF THE FINE ARTS 3 hrs. cr.

Integrates the studies of music, sculpture, architecture and painting with the times that produced them. An attempt to understand the artistic principles by which we evaluate aesthetic and cultural qualities. Offered annually.

Area of Natural Sciences

220—PHYSICAL SCIENCE SURVEY 5 hrs. cr.

Introduction of physics, chemistry, astronomy, meteorology, and geology as a unified field of knowledge. Four hours lecture and two hours laboratory per week. Enrollment in the fall term is restricted to elementary education majors. Enrollment in the winter term is restricted to non-science secondary education majors. Lecture and laboratory objectives differ for these two areas. Offered annually.

222—COMPUTER PROGRAMMING 3 hrs. cr.

An introduction to the languages and techniques used in programming digital computers with an emphasis on the FORTRAN. Application problems are selected from many fields including science, statistics, and business. A byproduct is the experience gained in working with cardpunch and card sorting equipment, and in operating the IBM 1130 computer system. Two hours lecture and two hours laboratory per week. Offered annually.

451—NATURAL SCIENCE SEMINAR 1 hr. cr.

The integration of topics from contemporary science with an emphasis on recent research reports of interdisciplinary interest. Guest
sis on recent research reports of interdisciplinary interest. Guest lecturers, and faculty and student reports serve as the method of presentation. Offered annually.

**Area of Social Sciences**

322—**GENERAL STATISTICS** 3 hrs. cr.

A study of central tendency, dispersion, correlation, the normal curve, inferences from random samples, testing of hypotheses, and use of calculators. Offered annually.

**Major in Social Science:** In order to permit students to cross departmental lines and take courses related to, but outside of, the department of their special interest, a major in social science is offered. Requirements for this major are as follows:

- Sociology 100, 211 ........................................... 6 term hours
- Political Science 100, 202 ................................. 6 term hours
- Economics 201 ................................................ 5 term hours
- Geography 210 or 220 ................................. 3-4 term hours
- History 120 or 220 ........................................... 4-5 term hours
- Concentration (chosen in a department within the social science division) ..................... 16 term hours
- Electives within the division ................................. 3 term hours

No minor is required.

**ALL AREAS**

(Name of Department) 499—**SPECIAL STUDY** ——— 1 hr. cr.

Upon recommendation of a department head, and with the approval of the dean, a senior may serve as an instructional assistant in his major department for one hour of credit in one or two terms. He must have a cumulative average of at least 2.6, and in his major area at least 3.0.

The credit is essentially in the nature of honors, and does not carry a grade indication. The instructor presents to the dean's office during the first two weeks of the terms an outline of the student assistant's responsibilities.
A major for the A.B. program consists of 30 hours, and a minor requires 18 hours. Both major and minor must include Art 321. A minor teaching area (24 hours) is available.

101—ART ESSENTIALS 2 hrs. cr.
Introduction to the tools, media and basic-principles-theory of art through art project experiences which will prepare the student for work in other related areas—painting, drawing, lettering, design, platform illustration. Offered annually.

202—DESIGN 3 hrs. cr.
Stressing the principles and elements of design with emphasis on the development of individual creative expression and the application of design to specific problems. Problems relative to two, and three dimensional design. Prerequisite: Art 101 or permission of the instructor. Offered annually.

211—CERAMICS 3 hrs. cr.
Pottery-making from moist clay to fired piece including free form, coil, slab, press mould, pouring methods, and potters' wheel. The student is introduced to ceramic sculpture. Slip painting, sgraffito-incised decoration and glazing are the finished methods used. Offered annually.

221—LETTERING AND POSTER MAKING 3 hrs. cr.
Principles of design applied to lettering and posters with emphasis upon commercial hand lettering. Media and techniques include show-card paint, ink, poster brush, pen, applique, airbrush, silkscreen, etc. Practical projects are introduced, including bulletin board design. Offered annually.

231—DRAWING 3 hrs. cr.
Pencil, graphite, charcoal, pastel, conte, pen and ink, felt pen techniques. The principles of art are stressed. Through practice the student becomes proficient in pictorial representation in still life, landscape, and figure drawing. Offered annually.

242—SCULPTURE 3 hrs. cr.
Elements of three-dimensional plastic form approached through the various media: clay, plaster, wood, glass, stone and metal. Offered annually.

302—ART FOR TEACHERS 3 hrs. cr.
Provides the prospective teacher with a knowledge of the fundamental principles of art through actual experience with such media as charcoal, pencil, tempera, and fingerprint. Easily available materials are utilized for crafts. Lettering, pictorial art, design, and the appreciation of art are emphasized. Methods applicable to elementary grade students are introduced. Offered annually.
312—PAINTINGS: OILS 3 hrs. cr.
A studio course with still life, portrait and landscape as subject matter. Class meets two double periods per week. Prerequisite: Art 231 or permission of the instructor. Offered annually.

321—HISTORY OF ART 3 hrs. cr.
To develop in the student a basis for an understanding of the history of western art from ancient to modern times. The student learns to recognize styles and techniques as employed by artists in each period. Offered 1968-69.

332—PRINTMAKING 2 hrs. cr.
Laboratory work dealing with the techniques of printing—woodcut, linoleum block, etching, drypoint, wood engraving, and use of tools for the reproduction of pictorial art. Design and form are stressed in fine and commercial art. Offered annually.

342—PAINTING: WATER COLOR 3 hrs. cr.
Still life, landscape and human figure as subject matter. The student learns to paint quick sketches, observing certain principles of painting, developing the technique to produce larger, finished works. Offered annually.

402—METAL ENAMELING AND SILVERSMITHING 3 hrs. cr.
An examination and practice of enameling on copper and silver. Study and construction of the simplest metalworking processes with emphasis on construction of jewelry. Offered annually.

411—CREATIVE PUPPETRY 3 hrs. cr.
History of puppetry and the actual designing and construction of the marionette, hand puppet, hand-and-rod puppet, rod puppet, and shadow puppet. Offered every other year.

420—SEMINAR 2 hrs. cr.
Independent study and work in one or more areas of art. A research paper of some magnitude appropriate for the upper classman, leading to a creative project. For art majors only. Prerequisite: Permission of the head of the department. Offered annually.

ASTRONOMY

Bromley

301—GENERAL ASTRONOMY 2 hrs. cr.
A descriptive course taking up the study of the stars, planets and other heavenly bodies. A cultural course for which no advanced mathematics is required. Lectures, demonstrations, outdoor work with the telescope. Offered 1969-70.
The Curriculum

BIOLOGY

H. Snyder, Harrison, Poe, Wood

Majors are offered in three fields: biology, botany, and zoology. A major consists of forty hours.

A minor in botany or zoology consists of twenty-four hours; in biology, twenty-eight hours.

All majors and minors (except Pre-Medical Technology) must take Biology 211 and 212. Pre-Medical Technology majors are required to take only Biology 212 as a prerequisite to advanced courses. All majors must take at least two terms of chemistry; however, four terms are strongly recommended. Physics is also recommended.

All majors are required to attend a seminar in biology during one of their last terms. Natural science seminar is recommended for all majors.

A.B. and B.S. majors are required to take the Graduate Record Examination or the Biology Comprehensive.

All majors (except pre-medical, pre-medical technology and pre-nursing) are required to take at least six credit hours at the Taylor field station (or its equivalent).

Natural Resources Majors: Forestry, Fisheries and Wildlife, Park Management, Resource Development.

Taylor University offers the first two years of basic courses which will prepare the student to transfer to another college or university offering the complete professional programs in natural resources. The curriculum can be modified depending on the specific requirements of the institution to which the student wishes to transfer. The student should note that Religion 120, a requirement at Taylor, in most cases transfers as an elective in the humanities area.

100—GENERAL BIOLOGY 5 hrs. cr.
Principles of plant and animal biology. Recommended for non-science majors. Offered both terms on campus. (5 hrs. cr.) Offered summers at the field station during a four-week period. (5 hrs. cr.)

211—GENERAL BOTANY 4 hrs. cr.
Introduction to plant science; flowering plants, their structure, physiology and reproduction; survey of the plant kingdom from one-celled to complex organisms. Two hours lecture and four hours laboratory per week. Offered annually.

212—GENERAL ZOOLOGY 4 hrs. cr.
Principles of animal biology. A taxonomic survey of the animal kingdom. Anatomy and physiology of the systems of vertebrate animals. Two hours lecture and four hours of laboratory per week. Offered annually.
231—CONSERVATION  3-4 hrs. cr.
Soil, water, minerals, wildlife, forests; their identification and management. Methods of conservation education and conservation in politics. Three hours lecture and two hours laboratory. Offered annually and at field station during a three-week period. (3 hrs. cr.)

241-242—HUMAN ANATOMY AND PHYSIOLOGY  4 hrs. cr.
A course covering the structure and functions of the human body. The subject matter is divided into systems. Three hours lecture and two two-hour laboratory period per week. Offered annually.

302—PLANT AND ANIMAL ECOLOGY  3 hrs. cr.
Environmental factors as they relate to plants and animals. Inter-relationships of organisms within various habitats. Two hours lecture and two hours laboratory per week. Prerequisite: Biology 211 and 212. Offered annually.

303—TAXONOMY OF VASCULAR PLANTS  4 hrs. cr.
Identification, classification, geographic distribution and economic importance, with emphasis on the important genera of the local flora. Prerequisite: Biology 211. Offered summers.

313—ENTOMOLOGY  3 hrs. cr.
Insects are collected in the field and classified. Taxonomic skills are developed. Life histories, economic importance, and principles of ecology are illustrated. Offered at field station only. (three weeks) Six four-hour lecture-laboratory sessions per week. Prerequisite: Biology 212. Offered annually.

322—ORNITHOLOGY  3 hrs. cr.
Identification, classification, anatomy, life history and migration of birds. Individual observation is required. Biological principles are illustrated. One-hour lecture and two two-hour field or laboratory sessions. Offered annually.

323—AQUATIC BIOLOGY  3 hrs. cr.
Collection, identification and ecological position of fresh-water organisms. Taxonomic skills are developed. Offered at field station only. (three weeks) Six four-hour lecture-laboratory sessions per week. Prerequisite: Biology 211 or 212. Offered annually.

331—COMPARATIVE ANATOMY  4 hrs. cr.
Classification, characteristics and comparison of typical chordate animals, with emphasis on the vertebrates. Two hours lecture and four hours laboratory per week. Prerequisite: Biology 212. Offered annually.

332—EMBRYOLOGY  4 hrs. cr.
The development of the chordate embryo is studied, the principal basis being frog, chick, and pig. Both prepared slides and living embryos are used. Designed principally for pre-medical students. Two hours lecture and four hours laboratory per week. Prerequisite: Biology 212. Offered annually.
The Curriculum

351—PLANT PHYSIOLOGY 4 hrs. cr.
Vascular plant physiology, emphasizing photosynthesis, respiration, growth, biosynthesis, hormonal control and other aspects of metabolism. Three hours lecture and two hours laboratory per week. Prerequisite: Biology 211. Offered annually.

362—GENETICS 4 hrs. cr.
The principles which govern heredity and variation in plants, animals, and man. Sufficient cytology is included to explain the physical basis of heredity. Laboratory time arranged. Prerequisite: Biology 211, 212, 241-242 or permission of instructor. Offered annually.

371—BACTERIOLOGY 4 hrs. cr.
Bacteria, viruses and molds that cause disease. The course deals with the fundamental principles underlying the activities of bacteria and with the preparation of slides and cultures. Two hours lecture and four hours laboratory per week. Offered annually.

412—CELL BIOLOGY 3 hrs. cr.
A study of the organization and function of living matter at the cellular level. Two lectures and one two-hour laboratory period per week. Prerequisite: Biology 211 and 212 or permission of department head.

441,442—HONORS 1 or 2 hrs. cr.
This course involves research procedures and techniques as well as the literature of the particular problem. Open to junior and senior majors who have a B average in the field of study and with permission of the head of the department. Offered annually.

450—SEMINAR 1 or 2 hrs. cr.
Assigned problems designed to supplement, correlate, and emphasize specific areas of biology. Majors only or minors by permission of head of department. Offered annually.

BUSINESS AND ECONOMICS
Van Sise, Groeneweg, Oakley

The Department of Business and Economics trains young men and women for careers in business and public administration consistent with the general purpose of Taylor University.

Accounting

241—FUNDAMENTALS OF ACCOUNTING 5 hrs. cr.
Basic principles necessary for an intelligent understanding of the books and records used in business. Analyzing, recording, reporting, and interpreting internal and external business transactions. Use of accounting as a tool of business management. Offered annually.
342—INTERMEDIATE ACCOUNTING 5 hrs. cr.
Accounting theory related to assets, liabilities, and corporate equity; their valuation and classification in accounts and statements. Nature and measurement of business income and interpretation and analysis of financial statements. Prerequisite: B.E. 241. Offered annually.

372—COST ACCOUNTING 5 hrs. cr.

382—MANAGERIAL ACCOUNTING 5 hrs. cr.
Functional uses of accounting in management of the enterprise from the point of view of controller or chief financial executive. Emphasis on accounting as the primary means of communication on financial matters. Major topics include design, organization and adaptation of accounting to specific situations, external and internal report preparation, presentation and interpretation, control of costs and expenses, inventory policy, budgeting, auditing and profit planning. Prerequisite: Business Education 241. Offered 1968-69.

### Business Administration

A major in Business Administration leading to the A.B. degree consists of 45 hours, with no minor field required, distributed as follows:

- Economics courses ........................................ 9 hours
- Business Administration courses ...................... 21 hours
- Statistics (Social Science 322) ....................... 3 hours

The remaining hours are to be approved courses from the following fields, so chosen that there will be included in the student's total major program a minimum of one course from each: mathematics, political science, sociology, business administration, and economics.

A minor in Business Administration consists of 20 hours.

Students interested in pursuing advanced studies in business may refer to page 117 for details concerning the affiliation program with Indiana University.

311—BUSINESS LAW 5 hrs. cr.
The nature and sources of law. The law of contracts, agency and employment. The law of commercial paper, sales, insurance, personal and real property, partnerships, corporations, and bankruptcy. Offered 1969-70.

331—PRINCIPLES OF MARKETING 3 hrs. cr.
The relationship of institutions and processes involved in the flow of goods from producer to consumer. Offered 1969-70.
332—RETAILING  
3 hrs. cr.
The techniques of retail buying and merchandising practiced by successful merchants. Broad management policies, sales promotion techniques, and analysis and planning of retail operations. *Offered 1968-69.*

351—PRINCIPLES OF MANAGEMENT  
3 hrs. cr.
Successful management principles and techniques are given for all fields of business. These principles include business objectives, policies, functions, executive leadership, organization structure and morale, operative procedures, and control procedures. *Offered 1968-69.*

352—BUSINESS FINANCE  
3 hrs. cr.

402—PERSONNEL ADMINISTRATION  
3 hrs. cr.
The characteristics, purposes, objectives, and techniques of personnel administration in organizations. *Offered 1969-70.*

412—PRINCIPLES OF ADVERTISING  
3 hrs. cr.
The relation of advertising to basic marketing strategy. Purposes and types; social, economic, and practical functions. Advertising management concept of creation, production, media, promotional campaigns, and problems. *Offered 1968-69.*

441,442—HONORS  
1 or 2 hrs. cr.
Open to senior majors and minors who have a B average in the field of study. Permission of the head of the department required.

451,452—SEMINAR  
1 or 2 hrs. cr.
An integration of the work of the department, through directed research, reading, or solving of business problems.

Economics

A major in economics requires at least 24 hours. A minor in economics consists of 16 hours. The principles course is prerequisite to all other courses in economics.

201—PRINCIPLES OF ECONOMICS  
5 hrs. cr.
The basic principles and institutions in the functioning of economic society, designed to acquaint the student with a knowledge of his economic environment. *Offered annually.*

302—LABOR PROBLEMS  
3 hrs. cr.
The history of the labor movement in the United States and abroad. U. S. labor legislation up to the present day. An analysis is made of the causes and manifestations of the unrest, the economic significance and major attempts to remedy this unrest by means of legislation. *Offered 1969-70.*
322—INTERNATIONAL ECONOMICS 3 hrs. cr.
The relationship, character and interactions of the world's major economies. The application of modern techniques of economic analysis to international economic theory. Offered 1969-70.

361—PUBLIC FINANCE 3 hrs. cr.
The expenditures, revenues, and debt management of government at Federal, State and Local levels. The effects of these governmental activities upon other segments of the economy. Offered 1968-69.

411—PRIVATE ENTERPRISE AND PUBLIC POLICY 3 hrs. cr.
An analysis of government policy toward various types of business operations and combinations, big business, competition, and monopoly in American economy.

421—MANAGERIAL ECONOMICS 3 hrs. cr.

422—MONEY AND BANKING 3 hrs. cr.
The history of money and banking and of the various monetary systems, including the Federal Reserve System, investment and commercial banks. This is followed by an analysis of the relationships among money, bank credit, foreign exchange, interest rates and prices. Offered 1968-69.

432—ECONOMIC HISTORY (see History 332) 3 hrs. cr.

441, 442—HONORS 1 or 2 hrs. cr.
(See under Business Administration)

451, 452—SEMINAR 1 or 2 hrs. cr.
(See under Business Administration)

CHEMISTRY
Krueger, Burden, James Lee, Wolfe

A major consists of 32 hours and a minor of 20 hours. Mathematics, physics or biology are very satisfactory minors to be combined with a chemistry major.

Required related courses are Mathematics 232, 241, 342 (or their equivalent) and Physics 211, 212. A reading knowledge of German (usually interpreted as two years of college instruction) is strongly recommended for a chemistry major.

Natural Science 451 is recommended for all majors in their junior or senior year.

To be strongly recommended for Graduate School, a chemistry major must have chemistry 431, 432 and Mathematics 342, 431.

To fulfill Indiana teaching requirements, a student majoring
in chemistry must have a minimum of 32 hours of chemistry, 8 hours of basic courses in physics or physical chemistry, and calculus.

201, 202—GENERAL INORGANIC CHEMISTRY 4 hrs. cr.

Designed to meet the needs of both the non-science major and the student planning a science-oriented career, two sections of this course are taught.

Section A presents an introduction to the modern concepts of atomic structure, chemical bonding and the structure and properties of matter. Elementary treatments of thermochemistry, thermodynamics, and chemical kinetics are included. Introductory experiences in qualitative and quantitative analysis are provided in the second term. A satisfactory score on a placement examination is recommended for admission to this section. Information on this examination should be obtained by the student as soon as possible.

Section B attempts to integrate theoretical concepts with applications relevant to modern society. Attention is given to surveying chemistry as a whole with emphasis on the fields of inorganic and organic chemistry.

Section A is required for all chemistry majors and is strongly recommended for majors or minors in any of the natural sciences. Each section meets for three hours lecture, one recitation, and three hours of laboratory per week. Offered annually.

301—QUANTITATIVE ANALYSIS I 4 hrs. cr.

An introduction to modern theories and methods used in chemical separations and quantitative determinations. The laboratory includes gravimetric, volumetric (acid-base, precipitation, redox, complex forming) titrations. Lecture two hours per week and laboratory six hours week. Prerequisite: Chemistry 202. Offered 1969-70.

302—QUANTITATIVE ANALYSIS II 4 hrs. cr.

A continuation of Chemistry 301 in various advanced types of analytical procedures. Also, a study of the general principles underlying instrumental methods with introductory laboratory experience in colorimetry, spectrophotometry, electrochemistry and gas chromatography. Lecture two hours per week and laboratory six hours per week. Prerequisite: Chemistry 301. Offered 1969-70.

311, 312—ORGANIC CHEMISTRY 5 hrs. cr.

A study of the chemistry of carbon compounds. The methods of preparation, the distinctive characteristics and reactions of the various types of aliphatic compounds and carbohydrates are studied the first term. In the second term a similar study is made of the aromatic compounds with an introduction to special classes of compounds, such as the proteins, terpenes, alkaloids and dyes. The laboratory work consists of preparation of various types of organic compounds, a study of their distinctive reactions and an introduction to qualitative organic analysis. Three hours recitation and six hours laboratory a week. Prerequisite: Chemistry 201, 202. Offered 1968-69.

411—ADVANCED ORGANIC CHEMISTRY 4 hrs. cr.

Properties and reactions of organic compounds are correlated with chemical structure. In the laboratory, compounds are systematically
identified through the medium of organic qualitative analysis using conventional (wet analyses) and modern instrumental techniques. Two hours recitation and six hours laboratory per week. Prerequisite: Chemistry 312. Offered 1969-70.

422—SCIENTIFIC INSTRUMENTATION

A study of the theory and techniques involved in the operation and application of modern scientific instrumentation. The approach will vary on alternate years. One year analytical applications will be emphasized. The following year functional aspects of system components will be stressed. Admission by consent of instructor only. Two hours lecture and six hours laboratory per week. Offered 1968-69.

431, 432—PHYSICAL CHEMISTRY

A study of the properties of gases, liquids, and solids, theory of solutions, homogeneous and heterogeneous equilibria, electrochemistry, chemical kinetics, thermochemistry and chemical thermodynamics. Prerequisites: Chemistry 201, 202, Physics 211, 212, and Mathematics 232, 241, 342. Offered annually

441, 442—HONORS

Open to majors and minors who have a B average in the field of study and with permission of the head of the department.

EDUCATION

Haines, Andrews, Brause, Bromley, Caudill, Hess, Hodson, Vanzant

The education department works in cooperation with other departments to prepare students for teaching in elementary and secondary schools. The objectives of the department are:

(1) to provide guidance for the Taylor University program of teacher education
(2) to provide professional education which is needed to develop the insights and skills of a professional teacher
(3) to assist the students completing the teacher education program to obtain the teaching position for which they are best qualified.

Students desiring to prepare for teaching should follow the steps described below:

(1) Enroll in Ed. 250, The Study of Teaching and Learning, during the sophomore year.
(2) Submit an application for admission to the teacher education program during the third term. Transfer students must complete at least one term at Taylor University prior to the consideration of an application.
(3) Upon approval of the application for admission to the teacher education program, the student preparing to teach in secondary schools will select a teaching field—an area major of at least 52 term hours or a teaching major of at least 40 term hours. The student preparing to teach in
elementary schools must follow the program as outlined by Taylor University for prospective elementary teachers.

Curricula for area majors and teaching majors have been planned, and listed course requirements may be obtained from the office of the director of teacher education. Teaching fields in which preparation is provided at Taylor University are to be selected from the list which appears at the end of this paragraph. To indicate the level of preparation provided in each field, the following numbers appear after each subject name: (1) area major, (2) teaching major, (3) teaching minor (if desired).

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Arts and Crafts (3)</td>
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<tr>
<td>Biology (2) (3)</td>
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<tr>
<td>Chemistry (2) (3)</td>
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<tr>
<td>Elementary Education (1)</td>
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<td>English (2) (3)</td>
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<td>French (2) (3)</td>
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<td>General Science (3)</td>
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<td>Mathematics (2) (3)</td>
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<tr>
<td>Music-Choral and Instrumental (1)</td>
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<td>Music-Choral (2) (3)</td>
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<tr>
<td>Music-Instrumental (2) (3)</td>
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<tr>
<td>Physical Education and Health, men (2)</td>
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<tr>
<td>Physical Education and Health, women</td>
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<tr>
<td>Psychology (3)</td>
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<tr>
<td>Social Studies (1) (2) (3)</td>
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<tr>
<td>Speech (2) (3)</td>
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</tbody>
</table>

Admission to and continuation in the teacher education program is subject to approval of the Teacher Education Committee. In determining a student’s fitness for the teaching profession, the Committee considers academic potential, scholarship, health, communication skills, personality, and character. The Committee acts upon each student’s application for admission to the teacher education program during the fourth term; however, his status may be reviewed at any time. A major review of all applications is made prior to placement for student teaching.

Observation-participation experiences with children and youth are considered a vital part of the preparation of the teacher. Beginning with the first professional education course and continuing through the senior year, such experiences are required for each prospective teacher. The culmination of these experiences occurs in the senior year with nine weeks of full time student teaching. During this final experience the student is expected to live in the community in which he teaches and to assume, as much as possible, the total responsibilities of a teacher. During the remaining weeks of the student-teaching term the student completes courses on campus which are especially provided as post-student-teaching experiences.

All courses are offered annually.

250—THE STUDY OF TEACHING AND LEARNING

A study of the organization, financing, significance, and role of the public school in American culture is completed. Historical, psychological, and sociological foundations are explored as they influence the role of the public school and of the teacher. An analytical study of teaching is made, including the nature of the learning process, concepts of teaching, leadership roles, and educational media.
320—TEACHING IN SECONDARY SCHOOLS 4 hrs. cr.
Procedures in the secondary school classroom which will promote creative thinking are stressed. Attention is given to a variety of methods of teaching in secondary schools. Objectives, methods, materials, trends in teaching, and curriculum planning for specific subjects are studied. Approximately one-half of the time is devoted to the study of topics specifically related to the major field of preparation—special methods. Each student works under the direction of an instructor from the department of his major field of preparation for this phase of the course. A specialist in audio-visual aids works with the students one hour per week. To determine which term one may enroll in this course, it will be necessary to check with the director of teacher education.

340—TESTS AND MEASUREMENTS 2 hrs. cr.
Basic principles of mental measurements as they apply to instructional and psychological problems; includes the construction of tests for use in the classroom and a survey of standardized tests; introduction of basic statistical procedures.

350—METHODS FOR ELEMENTARY TEACHERS I 5 hrs. cr.
Materials and methods used in teaching the language arts. Materials in the curriculum laboratory are studied, evaluated, and demonstrated.

360—METHODS FOR ELEMENTARY TEACHERS II 6 hrs. cr.
Arithmetic, science and social science materials and methods are studied. Approximately one-third of a term is utilized for study of each subject. Individuals specifically prepared in each subject area are assigned the responsibility for guiding the work of the students. Development of units for teaching, construction of devices to be utilized in teaching arithmetic, demonstration teaching and work in the curriculum laboratory are emphasized. A specialist in audio-visual aids works with the students one hour per week.

380—CHILDREN'S LITERATURE 3 hrs. cr.
Reading interests of children from five years old to fifteen are studied. Criteria for selection of materials and effective methods of storytelling, dramatization, and choral speaking are stressed. Attention is given to reading and evaluating various types of children's books.

381—HISTORY AND PHILOSOPHY OF CHRISTIAN EDUCATION 3 hrs. cr.
(See Religion 381)

420—SUPERVISED STUDENT TEACHING 8 hrs. cr.
Nine weeks of full-time, off-campus laboratory experiences are provided in cooperating schools. Prerequisites: a. Approval of the Committee on Teacher Education; b. Senior standing; c. Completion of methods courses.

441, 442—HONORS 1 or 2 hrs. cr.
Maximum educational growth through the stimulation of initiative and the promotion of independent research. Open to elementary education majors with an average of B in the major.
450—THE AMERICAN EDUCATIONAL SYSTEM 3 hrs. cr.
A study of the development, aims, and philosophy of the American public school as a social institution, the problems and issues faced by the public schools in the past and present, and the organization and financing of American school systems. Provision is made for an evaluation and follow-up of the student teaching experience and for developing skills in carrying out the institutional task of a teacher.

480—THE PROFESSIONAL 4 hrs. cr.
A senior capstone course in elementary education. The student's preparation in general education, subject matter concentration, and professional education becomes a basis for a critical analysis of crucial issues and their meaning to the society at large, children and youth, the schools, the profession, and himself.

ENGLISH
Carruth, Davis, F. Ewbank, H. Lee, Studebaker, VanTil, Walker

Every student is required to take English 100 (unless he is granted advanced placement) and one course in literature (preferably 200, 221, or 222.) English 100 is prerequisite to all other English courses.

On the Bachelor of Arts Degree a major in English consists of at least thirty term hours and a minor of twenty, both in addition to English 100. The following courses are required in the major: 200, 221 or 222, 321 or 322, 371 or 372, and 421. The minor must include 200 (221 or 222), and two of the following: 321, 322, 371, 372, 421.

Students who plan to major in English are urged to take History of England. It is suggested that English majors elect courses in speech, philosophy, and foreign language.

The following program is offered for students qualifying to teach in the secondary school.

Major in English (40 hrs.): Composition, journalism, and language—Eng. 210, 300, 312, 432; speech—100, 200 or 301; 25 hours of literature—Eng. 200, 221 or 222, 321 or 322, 360, 371 or 372, 421, 450, and an elective from 331, 342, 412.

Composition and Language

To qualify for graduation, all students must demonstrate the ability to read and write the English language acceptably. Any student who does not pass the English proficiency test in the sophomore year, or whose subsequent class work indicates a serious deficiency in English, will be required to correct the deficiency under the direction of the English Proficiency Committee.

100—FRESHMAN COMPOSITION 4 hrs. cr.
Designed to develop clarity and effectiveness in written expression. Weekly themes and readings in the modern essay. Offered annually.
102—FRESHMAN COMPOSITION 3 hrs. cr.
Writing of expositional and argumentative themes with emphasis on the research paper. Offered the fall term of 1968 only.

110—ADVANCED FRESHMAN COMPOSITION 4 hrs. cr.
Mainly a seminar approach to writing limited to a select group of freshmen.

210—PRINCIPLES OF JOURNALISM 3 hrs. cr.
Emphasis on writing news stories, features, editorials, reviews, and on newspaper lay-out. Practice in reading and evaluation of major newspapers of the U. S. Offered annually.

300—GRAMMAR FOR TEACHERS 3 hrs. cr.
The structure of the English language and current English usage. Designed for prospective elementary and secondary teachers of English. No credit allowed on the A.B. degree. Offered annually.

312—ADVANCED COMPOSITION 3 hrs. cr.
Writing analytical and critical papers about literature. Stress on clear and forceful use of the language. Offered annually.

432—HISTORY OF THE ENGLISH LANGUAGE 3 hrs. cr.
Development of spoken English with emphasis on sounds, inflections, grammar, vocabulary, and usage; readings in current linguistic study by language scholars. Offered annually.

Literature

200—WORLD MASTERPIECES 5 hrs. cr.
Masterpieces of Western world literature, 800 B. C. to the twentieth century. Offered annually.

221, 222 AMERICAN LITERATURE 4 hrs. cr.
Important works from Colonial times to Whitman during the fall term; from Whitman to present in spring term. Offered annually.

321—ROMANTIC LITERATURE 3 hrs. cr.
English poetry and prose of the Romantic Movement with special emphasis on Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt and DeQuincey. Offered annually.

322—VICTORIAN LITERATURE 3 hrs. cr.
English poetry and prose from 1832 to 1890. Much attention to Tennyson and Browning. Representative works of Carlyle, Macaulay, Mill, Newman, Thackeray, Ruskin, Arnold, Huxley, and Pater. Offered annually.

331—MODERN DRAMA 2 hrs. cr.
European, English, Irish, and American drama since Ibsen. Offered 1968-69.
342—CONTEMPORARY POETRY 2 hrs. cr.
Significant English poets since Thomas Hardy and American poets since Walt Whitman. Offered 1968-69.

360—SHAKESPEARE 3 hrs. cr.
Plays and non-dramatic poetry, supplemented by background readings. Offered annually.

371—ENGLISH RENAISSANCE 3 hrs. cr.
English non-dramatic literature from More to Milton. Offered annually.

372—ENGLISH NEO-CLASSICAL LITERATURE 3 hrs. cr.
Poetry and prose of the Restoration and the eighteenth century, centered around Dryden, Addison and Steele, Pope, Swift, and Johnson. Offered annually.

412—AMERICAN NOVEL 2 hrs. cr.
Reading and analysis of nineteenth and twentieth century American novels. Offered 1969-70.

421—ENGLISH LITERATURE TO 1500 2 hrs. cr.
Old and Middle English literature with emphasis on Beowulf and Chaucer's works. Offered annually.

441, 442—HONORS 1 or 2 hrs. cr.
Open to senior majors and minors with a B average in the field of study and with permission of the head of the department.

450—SEMINAR 2 hrs. cr.
Critical approaches to literature. Individual research. Offered annually.

GEOGRAPHY

Jenkinson

210—PHYSICAL GEOGRAPHY 4 hrs. cr.
The earth, its size, shape, and measurements, its surface features, and its natural resources in relation to cultural, economic, and commercial activities of man. Offered annually.

220—REGIONAL GEOGRAPHY 3 hrs. cr.
Assist students in acquiring certain basic ideas and supporting facts about contemporary world geography. The seven world regions studied: Europe, the Soviet Union, Latin America, Anglo-America, the Middle East, the Orient, the Pacific World. Offered annually.

230—POLITICAL GEOGRAPHY 3 hrs. cr.
The geographic interpretation of world relations. The relationships of geographic elements to the development of nations both past and present. Offered annually.
GREEK

Heath

Students who expect to major in religion or to prepare for seminary will find it advisable to take Greek as the language requirement for graduation. A minor consists of three years of Greek.

201-202—ELEMENTARY NEW TESTAMENT GREEK 4 hrs. cr.
Emphasizes fundamental principles of Greek grammar, with mastery of forms and vocabulary. Some readings in the Greek New Testament are included. Offered annually.

301-302—SYNOPTIC GOSPELS (Greek) 3 hrs. cr.
A careful study of the synoptic gospels with special attention to the gospel of Mark and those portions of Matthew and Luke not found in Mark. Syntax and grammatical and exegetical principles of Greek are stressed. Prerequisite: Greek 201-202. Offered 1969-70.

311-312—THE EPISTLES (Greek) 3 hrs. cr.
Passages selected from the epistles according to the needs and background of the class will be read. Special attention will be given to the exegesis of certain passages of literary importance. Prerequisite: Greek 201-202. Offered 1968-69.

HISTORY

Olson, Heath, Jenkinson, Mikkelsen, Ringenberg, Valberg

Course 120 is advised as a prerequisite to courses on the higher levels in the European field. As a general rule, course 220 is a prerequisite to courses on the higher levels in the American field. All students expecting to continue in the department who do not have a strong background of American History on the secondary level should take course 220 during their sophomore year. Course 462 is required of all majors. Thirty hours constitutes a major and twenty hours a minor for the A.B. degree.

Students interested in obtaining requirements for teaching in the secondary schools are requested to consult the department chairman.

120—WORLD HISTORY 4 hrs. cr.
A general survey of the development of civilization from earliest times to the present. Required of all freshmen during the inter-term session. Offered annually.

220—HISTORY OF THE UNITED STATES 5 hrs. cr.
Treats the progressive social, political, and cultural development of the people of the United States from the colonization period to the present. Offered annually.

311—HISTORY OF LATIN AMERICA 3 hrs. cr.
A study of the nations between the Rio Grande and Cape Horn. Attention is given to the development of the major Latin American republics and their relationships to the United States. Offered 1968-69.
312—HISTORY OF THE FAR EAST 3 hrs. cr.
The Far East with emphasis on China and Japan and their international relations in modern times. Political, social and economic changes are studied also. Offered 1968-69.

322—GREEK AND ROMAN HISTORY 5 hrs. cr.
The Greeks are studied from their beginnings through the Hellenistic period, and the Romans to the death of Justinian. Much attention is given to the influence of both on modern civilization. Offered 1969-70.

332—AMERICAN ECONOMIC DEVELOPMENT 3 hrs. cr.
The history of the economic development of the people of the United States beginning with a survey of the colonial period, and treating agricultural and industrial progress, the rise of capitalism, and the present economy. Offered 1969-70.

342—HISTORY OF ENGLAND 5 hrs. cr.
Along with the history of England itself a study is made of the growth of the empire, international problems and English achievements in cultural and intellectual areas. Offered 1968-69.

351—AMERICAN SOCIAL AND INTELLECTUAL DEVELOPMENT 3 hrs. cr.
A study of the impact of social and intellectual factors upon the American mind and upon the evolution of American institutions. Offered 1969-70.

372—AMERICAN CONSTITUTIONAL DEVELOPMENT 4 hrs. cr.
The origin, adoption, and interpretations of the United States Constitution. Cases and readings on the powers of the federal government, judicial review, states rights, state police powers, federal commerce powers, and due process are analyzed. Prerequisites: History 220 and Political Science 100 or consent of the instructor. Offered 1968-69.

381, 382—RUSSIAN CIVILIZATION 3 hrs. cr.
Political, economic, and cultural history of Russia from the origin of the Russian state. The Russian Orthodox Church, its origin and influence. In the second part of the course attention is given to Russian literature, art and music of the nineteenth century. The Soviet governmental institutions and the relation to the Communist Party are examined. Recent progress and problems in industry, agriculture and social welfare are considered. Offered 1969-70.

421—COLONIAL HISTORY 3 hrs. cr.
The colonization of North America by the Spanish, French, Dutch, and English; European rivalries; colonial society; the Revolutionary War. Offered 1969-70.

422—HISTORY OF AMERICAN FOREIGN RELATIONS 3 hrs. cr.
A survey of the diplomatic relations of the United States from the beginning of our national history to the present. Offered 1968-69.
431—EARLY MODERN EUROPE, 1500-1815  
5 hrs. cr.  
The institutions, culture, and political development of Europe from the Reformation to the end of the Napoleonic Wars. *Offered annually.*

441, 442—HONORS  
1 or 2 hrs. cr.  
Open to senior majors and minors who have a B average in the field of study and with permission of the head of the department.

451—SEMINAR  
2 hrs. cr.  
Studies in historiography, philosophy of history and thesis writing. Attention is given to bibliographies and research methods in preparation for advanced studies. *Offered annually.*

461—HISTORY OF THE MIDDLE AGES, 300-1500  
5 hrs. cr.  
The development of western civilization from the fall of the Roman Empire in the West to the Reformation. *Offered 1968-69.*

462—EUROPE SINCE 1815  
5 hrs. cr.  
Europe from Waterloo to the present. Emphasis is placed on the twentieth century. *Offered annually.*

**MATHEMATICS**

W. Ewbank, W. Roth, Wenger

The student expecting to major or minor in mathematics must have one and one-half units of high school algebra and one unit of plane geometry, any deficiency to be made up before the beginning of the sophomore year. In the freshman year, students planning to major in mathematics and those preparing for scientific work, including engineering, should be qualified to begin with course 131. If not, either or both of courses 110 and 130 may be taken.

An A. B. major consists of at least 40 hours, and a minor of 24. Courses 342, 361, 412, 431, 462, and 481 are required for the A.B. major. Course 342 is required for a minor.

A secondary teaching major or the B.S. in Ed. degree major consists of at least 43 hours, including courses 312, 342, 352, 361, 431, 461, and 481.

At least one year of college physics is strongly recommended for all majors and minors. Physics 341-342 has been designated as the course that may be used in the 40-hour teaching major as applied mathematics. Natural Science Seminar, NS 451, is recommended for all majors.

110—COLLEGE ALGEBRA  
3 hrs. cr.  
A review of the fundamentals of algebra, fractions, graphs, quadratics, logarithms, progressions, permutations, combinations, probability, and binomial theorem. Prerequisite: at least 1 unit of high school algebra. Does not count toward a major in math. *Offered annually.*
The Curriculum

130—PLANE TRIGONOMETRY 3 hrs. cr.
A study of the trigonometric functions, their relations to each other and their application to the solution of right and oblique triangles, trigonometric equations, identities, and logarithms. Does not count toward a major or minor in math. Offered annually.

201-202—GENERAL MATHEMATICS 4 hrs. cr.
A course designed for the preparation of elementary teachers. A study of the basic concepts of arithmetic, including historical development, skills in the use of numbers, the structure of the number system, and theory of arithmetic procedures, followed by the fundamentals of algebra and geometry. Does not count toward a major or minor in mathematics. Offered annually.

THE FOLLOWING FOUR COURSES FORM A TWO-YEAR SEQUENCE

131—INTEGRATED ALGEBRA AND TRIGONOMETRY 4 hrs. cr.
Advanced topics in algebra and selected topics in trigonometry with emphasis on trigonometric identities, mathematical induction, complex numbers, theory of equations, determinants, and matrices. Offered annually.

232—CALCULUS WITH ANALYTIC GEOMETRY I 4 hrs. cr.
Analytic geometry, functions, limits and derivatives, differentiation and integration of algebraic functions, applications of the derivative, and the definite integral. Offered annually.

241—CALCULUS WITH ANALYTIC GEOMETRY II 4 hrs. cr.
Analytic geometry, the differentiation and integration of elementary transcendental functions, integration by special methods, law of the mean, differentials, and further applications of the calculus. Offered annually.

342—CALCULUS WITH ANALYTIC GEOMETRY III 4 hrs. cr.
Analytic geometry, expansion of functions by Maclaurin's and Taylor's formulas, partial differentiation, multiple integration, infinite series, and an introduction to differential equations. Offered annually.

312—COLLEGE GEOMETRY 4 hrs. cr.
Advanced Euclidean plane geometry, with a brief survey of some of the non-Euclidean geometries and projective geometry. Offered annually.

352—PROBABILITY AND STATISTICS 5 hrs. cr.
Basic concepts of probability, distributions of one and several variables, sampling theory, correlation, analysis of variance, and testing of statistical hypotheses. Prerequisite: Mathematics 342. Offered annually.

361—MODERN ALGEBRA 4 hrs. cr.
Set theory; development of the postulates of group theory, rings, integral domains, and fields. Offered annually.
371—NUMERICAL ANALYSIS 3 hrs. cr.
Difference equations, iterative and other algorithmic processes, integration, numerical differentiation, solution of differential equations, and study of round-off error. Prerequisite: NS 222 and Math 342. Offered annually.

412—MATRIX ALGEBRA 4 hrs. cr.
Matrix theory, determinants, linear equations and linear dependence, vector spaces and linear transformations, characteristic equation, and quadratic forms. Offered annually.

431—DIFFERENTIAL EQUATIONS 3 hrs. cr.
Solution of differential equations of the first order and first degree, orthogonal trajectories, linear differential equations with constant coefficients, nonhomogeneous equations by undetermined coefficients and variation of parameters, applications to vibration problems and electrical circuits, and an introduction to series solutions. Prerequisite: Mathematics 342. Offered annually.

451—SEMINAR 1 or 2 hrs. cr.
A course designed to correlate the previous work of the student in the field of mathematics to prepare him for graduate work, and to coordinate his study for the comprehensive examinations in this field. The one hour is only for those returning from student teaching. Offered annually.

461, 462—ADVANCED CALCULUS 3 hrs. cr.
Sequences, series, partial derivatives, multiple integrals, convergence, limits, continuity, differentiability, integration, the Gamma function, and functions of several real variables. Math 461 is prerequisite to Math 462. Math 342 is prerequisite to Math 461. Offered annually.

481—SENIOR CAPSTONE COURSE 4 hrs. cr.

MODERN LANGUAGES
Jantzen, Gongwer, House, Karrasch

Students qualifying for the Bachelor of Arts Degree must take the equivalent of two years of a foreign language unless they have had four years of language in high school. Students who enter with more than one year of a foreign language will be tested for proficiency in that language. They may be required to audit the second term or all of the first year in order to enroll for credit on the intermediate level. Students who place in the intermediate level may meet the language requirement by completing one course above 201-202.

Students expecting to do graduate work in any university are advised to gain a reading knowledge of French and German, at least two years study of each. For those specializing in science, French and German are advisable electives.

A modern language major is offered only in French. This major
The Curriculum

consists of twenty-four hours above the freshman level for the A.B. program, and a teaching major of thirty-six hours above the freshman level for the B.S. program.

A foreign language minor in the A.B. program is offered in French, German, and Spanish. A minor consists of a minimum of 18 hours above the freshman level.

**French**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>101-102</td>
<td>ELEMENTARY FRENCH</td>
<td>4 hrs. cr.</td>
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<tr>
<td></td>
<td>Stresses the use of spoken language, including</td>
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<td></td>
<td>the essentials of grammar, reading, dictation,</td>
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<tr>
<td></td>
<td>and an introduction to French culture.</td>
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<td></td>
<td>Laboratory activities. Offered annually.</td>
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<tr>
<td>201-202</td>
<td>INTERMEDIATE FRENCH</td>
<td>3 hrs. cr.</td>
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<td></td>
<td>Grammar review, oral practice, collateral</td>
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<td></td>
<td>readings. Laboratory activities. Offered</td>
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<tr>
<td></td>
<td>annually.</td>
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<tr>
<td>221</td>
<td>FRENCH CONVERSATION AND COMPOSITION</td>
<td>4 hrs. cr.</td>
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<tr>
<td></td>
<td>Intended to develop facility in understanding,</td>
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<td></td>
<td>speaking, and writing French. Emphasis on</td>
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<td></td>
<td>conversation, composition, and dictation.</td>
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<td></td>
<td>Conducted primarily in French. Prerequisite:</td>
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<td></td>
<td>French 202 or equivalent. Offered annually.</td>
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<tr>
<td>222</td>
<td>INTRODUCTION TO FRENCH LITERATURE</td>
<td>4 hrs. cr.</td>
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<td></td>
<td>Intensive and extensive reading to develop</td>
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<td></td>
<td>fluency and comprehension. Recommended for</td>
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<td></td>
<td>students intending to use French for language</td>
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<td></td>
<td>requirement in graduate school. Can be taken</td>
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<td></td>
<td>simultaneously with 202 by permission.</td>
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<td></td>
<td>Offered annually.</td>
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<tr>
<td>(French</td>
<td>221 or 222 are prerequisites to upper division</td>
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</tr>
<tr>
<td>311</td>
<td>SEVENTEEN CENTURY FRENCH LITERATURE</td>
<td>3 hrs. cr.</td>
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<tr>
<td></td>
<td>Survey with particular emphasis on the dramas of</td>
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<tr>
<td></td>
<td>Corneille, Racine, and Moliere. Offered 1968-69.</td>
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<tr>
<td>312</td>
<td>EIGHTEEN CENTURY FRENCH LITERATURE</td>
<td>3 hrs. cr.</td>
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<tr>
<td></td>
<td>A survey of the period with an intensive study</td>
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<td></td>
<td>of one work of each of several representative</td>
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<tr>
<td></td>
<td>authors. Offered 1968-69.</td>
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<tr>
<td>401</td>
<td>NINETEEN CENTURY FRENCH LITERATURE</td>
<td>3 hrs. cr.</td>
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<td></td>
<td>A survey of the period with an intensive study</td>
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<tr>
<td></td>
<td>of one work of each of several representative</td>
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</tr>
<tr>
<td></td>
<td>authors. Offered 1969-70.</td>
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<tr>
<td>402</td>
<td>CONTEMPORARY NOVEL AND DRAMA</td>
<td>3 hrs. cr.</td>
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<td></td>
<td>A survey of the period with an introduction to</td>
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<td></td>
<td>some of the outstanding trends in novel and</td>
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<tr>
<td></td>
<td>drama. Intensive study of several representa-</td>
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<td></td>
<td>tive works. Offered 1969-70.</td>
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</tbody>
</table>
410—SPECIAL TOPICS IN FRENCH  
Independent study of special phases of French literature, language, and civilization. Open to students in the sciences having a special need of language study, with the consent of the instructor, and to senior majors in French. Maximum credit, 4 hours. Offered annually.

412—FRENCH PHONETICS, MORPHOLOGY AND SYNTAX  
An introduction to the systematic study of French phonology, and of the structure of words and sentences, with emphasis upon phonetic and structural contrasts between French and English. Offered 1969-70.

422—LA CIVILISATION FRANCAISE  
Consideration of various aspects of French civilization as history, literature, the arts, education and religion. Offered 1968-69.

**German**

101-102—ELEMENTARY GERMAN  
Pronunciation, the rudiments of grammar, conversation. German is used in much of the classroom instruction. Reading of easy prose. Offered annually.

201-202 INTERMEDIATE GERMAN  
Grammar review. Intensive reading. Laboratory activities. Prerequisite to upper division courses. Offered annually.

301—GOETHE  
A brief introduction to the life and works of Goethe. An intensive study of one or more of his works.

302—SCHILLER  
A brief introduction to the life and works of Schiller. An intensive study of one or more of his works.

321—GERMAN ROMANTICISM  
A survey of German Romanticism with an intensive study of several of its chief works.

322—LATE NINETEENTH CENTURY GERMAN LITERATURE  
The rise and character of the naturalistic school with an intensive study of several representative works.

**Spanish**

101-102—ELEMENTARY SPANISH  
The four skills of hearing, speaking, reading, and writing taught with stress in this prescribed sequence. Essentials of grammar. Laboratory activities. Offered annually.
201-202—INTERMEDIATE SPANISH 3 hrs. cr.
Intensive oral and reading practice in Spanish to develop fluency and rapid comprehension. Composition, grammar review, laboratory activities. Offered annually.

321, 322—REPRESENTATIVE SPANISH AUTHORS 3 hrs. cr.
Leading authors representing different literary periods and genres are studied in each of the two terms. Among some of the major works included are those of Cervantes, Duque de Rivas, Galdés, Unamuno and Lorca. Offered 1969-70.

331, 332—RENAISSANCE AND GOLDEN AGE LITERATURE 3 hrs. cr.
Particular attention is given to the better known dramatic and poetical works of this period. A survey of other literature in this period includes the Romancero, didactic prose, and pastoral and picturesque novels. Offered 1968-69.

MUSIC

E. Hermanson, Boyd, Dickey, L. Hermanson, Kroeker, Kuiper, Sims, Spicuzza, Steyer

The music department offers the Bachelor of Arts degree with majors in applied music and church music, and the Bachelor of Science in Education degree with two programs that prepare students for teaching music on both the elementary and secondary levels.

Bachelor of Arts Degree: This curriculum provides training in applied music, theory, literature and music history, as well as a comprehensive knowledge in general areas of learning. The applied major offers fields of concentration in organ, piano, symphonic instruments and voice. This program is appropriate for those who plan to teach privately, or pursue graduate studies in applied music. It consists of 46 hours of music, a minor, plus the general curriculum requirements.

The church music major provides training for various church positions in music. (A minor in religion with a Christian education core makes a good combination for a music major who desires to qualify for a church position as a music and youth director). This program consists of 48 hours of music, a minor, plus the general curriculum requirements.

Suggested curriculum: BACHELOR OF ARTS—APPLIED MUSIC/CHURCH MUSIC MAJOR(S)

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Spring Term</th>
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<tbody>
<tr>
<td>Freshman</td>
<td>Spring Term</td>
</tr>
<tr>
<td>†Major Instrument 101</td>
<td>Major Instrument 102</td>
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<tr>
<td>Minor Instrument 101</td>
<td>Minor Instrument 102</td>
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<tr>
<td>*Music 141</td>
<td>Music 142</td>
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<tr>
<td>*Music 151</td>
<td>Music 152</td>
</tr>
<tr>
<td>Music (Ensemble)</td>
<td>Music (Ensemble)</td>
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<tr>
<td>English 100</td>
<td>English 100</td>
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<tr>
<td>Religion 120 (or History)</td>
<td>History (or Religion 120)</td>
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<tr>
<td>Physical Education 100</td>
<td>Physical Education 100</td>
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<tr>
<td>*Psychology 101</td>
<td>Elective</td>
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</table>
### The Curriculum

#### Sophomore

<table>
<thead>
<tr>
<th>Major Instrument 201</th>
<th>Major Instrument 202</th>
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<tbody>
<tr>
<td>Minor Instrument 201</td>
<td>Minor Instrument 202</td>
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<tr>
<td>Music 241</td>
<td>Music 242</td>
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<tr>
<td>Music 251</td>
<td>Music 252</td>
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<tr>
<td>Music (Ensemble)</td>
<td>Music (Ensemble)</td>
</tr>
<tr>
<td>Fine Arts 230</td>
<td>Fine Arts 230</td>
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<tr>
<td>French or German</td>
<td>French or German</td>
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<tr>
<td>Sociology 100, Economics 201</td>
<td>Minor Elective</td>
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<tr>
<td>or Political Science 201</td>
<td>Physical Education 100</td>
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#### Junior

<table>
<thead>
<tr>
<th>Major Instrument 301</th>
<th>Major Instrument 302</th>
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<tbody>
<tr>
<td>Music 321</td>
<td>Music 382 (Piano Majors)</td>
</tr>
<tr>
<td><strong>Music 371 or 391 (Church Majors)</strong></td>
<td>Music (Ensemble)</td>
</tr>
<tr>
<td>Music (Ensemble)</td>
<td>Literature 200 or 220</td>
</tr>
<tr>
<td>Music 421</td>
<td>Laboratory Science</td>
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<tr>
<td>Laboratory Science</td>
<td>French or German</td>
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#### Senior

<table>
<thead>
<tr>
<th>Major Instrument 401</th>
<th>Major Instrument 402</th>
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<tr>
<td>Major Instrument 401</td>
<td>Major Instrument 402</td>
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<tr>
<td>Music 361 (or 362)</td>
<td>Music 362 (or 361)</td>
</tr>
<tr>
<td>Music 481 (or 491)</td>
<td>Music 492</td>
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<tr>
<td><strong>Music 391 (or 371)</strong></td>
<td>Music 372</td>
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<tr>
<td>Music 411</td>
<td>Music 412</td>
</tr>
<tr>
<td>Music (Ensemble)</td>
<td>Music 422</td>
</tr>
<tr>
<td>Philosophy 350</td>
<td>Music (Ensemble)</td>
</tr>
<tr>
<td>Minor (Upper Division)</td>
<td>Minor (Upper Division)</td>
</tr>
</tbody>
</table>

†Applied Music: Church Music (Organ or Voice) .................................. 8 hours
Applied Music (Voice or Instruments) ................................................. 12 hours
(Piano or Organ) ........................................................................... 16 hours

*The student must have had some piano before taking these courses

**Required of Church Music Majors only.

**Bachelor of Science in Education Degree: Program 1—42 hours.**
The forty-two hour program provides training in either choral or instrumental music at both the elementary and secondary levels. The choral program includes organ, piano and voice majors and the instrumental is for percussion, string or wind instrument majors.

**Suggested curriculum: 42 HOUR BACHELOR OF SCIENCE DEGREE IN MUSIC EDUCATION**

**PROGRAM I**

<table>
<thead>
<tr>
<th>Fall Term</th>
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<tbody>
<tr>
<td>Freshman</td>
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<tr>
<td>Major Instrument 101</td>
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<tr>
<td><strong>Minor Instrument 101</strong></td>
</tr>
<tr>
<td><strong>Music 141</strong></td>
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<tr>
<td><strong>Music 151</strong></td>
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<tr>
<td><strong>Music (Ensemble)</strong></td>
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<tr>
<td>English 100</td>
</tr>
<tr>
<td>Religion 120 (or History)</td>
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<tr>
<td>Physical Education 100</td>
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<tr>
<td>Psychology 101</td>
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<table>
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<tr>
<th>Spring Term</th>
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<tbody>
<tr>
<td>Freshman 102</td>
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<tr>
<td><strong>Minor Instrument 102</strong></td>
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<tr>
<td>Music 142</td>
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<tr>
<td>Music 152</td>
</tr>
<tr>
<td><strong>Music (Ensemble)</strong></td>
</tr>
<tr>
<td>English 100</td>
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<tr>
<td>History (or Religion 120)</td>
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<tr>
<td>Physical Education 100</td>
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<tr>
<td>Fine Arts 230</td>
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</tbody>
</table>
The Curriculum

Sophomore

Major Instrument 201
†Minor Instrument 201
*Music 221 or 231 (as offered)
Music 241
Music 251
Music (Ensemble)
Psychology 200
Education 250
Biology 203
Physical Education 100
Science (Astronomy 301 or Biology 231, if needed).

Major Instrument 301
*Music 231 or 221 (as offered)
Music 321
†Music 351 (Choral)
**Music 361 (Choral)
Music 411 (elective)
Music 421
Music (Ensemble)
*Education 320
Science (Astronomy 301 or Biology 231, if needed)

Major Instrument 401
Psychology 230
Education 450
Education 340
Education 420

†Choral major requirements.
**The student must have some piano before taking these courses.
†*Choral major: minor instrument (Piano or Voice)—3 hrs. Vocal Ensemble—5 hrs.
†*Instrumental major: minor instrument (Piano)—2 hrs. Instrumental Ensemble—4 hrs.

Junior

Major Instrument 302
*Music 232 or 222 (as offered)
Music 312
*Music 352 (Instrumental)
*Music 362 (Instrumental)
Music 372
Music 412 (elective)
Music (Ensemble)
†Education 320
N. S. 220

Major Instrument 402
Music 422 (elective)
Music 492 (elective)
Music (Ensemble)
Philosophy 350
Biology 322 (if needed)

†Choral major requirements.
**The student must have some piano before taking these courses.
†*Choral major: minor instrument (Piano or Voice)—3 hrs. Vocal Ensemble—5 hrs.
†*Instrumental major: minor instrument (Piano)—2 hrs. Instrumental Ensemble—4 hrs.

Senior

Major Instrument 401
Psychology 230
Education 450
Education 340
Education 420

†Choral major requirements.
**The student must have some piano before taking these courses.
†*Choral major: minor instrument (Piano or Voice)—3 hrs. Vocal Ensemble—5 hrs.
†*Instrumental major: minor instrument (Piano)—2 hrs. Instrumental Ensemble—4 hrs.

PROGRAM II

The fifty-two hour program provides training for teaching choral and instrumental music at both the elementary and secondary levels.

Suggested curriculum: 52 HOUR BACHELOR OF SCIENCE DEGREE IN MUSIC EDUCATION

Fall Term

Major Instrument 101
†Minor Instrument 101
**Music 141
**Music 151
††Music (Ensemble)
English 100
Religion 120 (or History)
Physical Education 100
Psychology 101

Sophomore

Major Instrument 201
Minor Instrument 201
*Music 221 or 231 (as offered)
Music 241
Music 251
Music (Ensemble)
Education 250
Psychology 200
Biology 203
Physical Education 100

Major Instrument 202
†Music 222 or 232 (as offered)
Music 242
Music 252
Music (Ensemble)
Sociology 100, or Business and Economics 201, or Political Science 201
Education 250
Literature 200 or 220
Physical Education 100
Music 382 (Elective for some)

Freshman

Major Instrument 102
Minor Instrument 102
Music 142
Music 152
Music (Ensemble)
English 100
History (or Religion 120)
Physical Education 100
Fine Arts 230

Spring Term

Major Instrument 102
Minor Instrument 102
Music 142
Music 152
Music (Ensemble)
English 100
History (or Religion 120)
Physical Education 100
Fine Arts 230

†Choral major requirements.
**The student must have some piano before taking these courses.
†*Choral major: minor instrument (Piano or Voice)—3 hrs. Vocal Ensemble—5 hrs.
†*Instrumental major: minor instrument (Piano)—2 hrs. Instrumental Ensemble—4 hrs.

††Choral major requirements.
**The student must have some piano before taking these courses.
†*Choral major: minor instrument (Piano or Voice)—3 hrs. Vocal Ensemble—5 hrs.
†*Instrumental major: minor instrument (Piano)—2 hrs. Instrumental Ensemble—4 hrs.
**Prerequisite substituted the Music the passed, programs area.**

The **sists** Thc Tt II § Major

Music **Music** • Minor **Music** § Music **Music** • Major **Music** En装配式

Major Instrument 301  
*Maj Music 231 or 221 (as offered)  
**Music 321  
**Music 331  
**Music 351 (or 352)  
**Music 361  
**Music 421  
**Music 411 (elective-pianists)  
**Music (Ensemble)  
Science (Astronomy 301 or Biology 231, if needed)

### Professional Term

<table>
<thead>
<tr>
<th>Major Instrument 301</th>
<th>Major Instrument 302</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 401</td>
<td>Music 402</td>
</tr>
<tr>
<td>Psychology 230</td>
<td>Music 422 (elective)</td>
</tr>
<tr>
<td>Education 340</td>
<td>Music 492 (elective)</td>
</tr>
<tr>
<td>Education 420</td>
<td>Music (Ensemble)</td>
</tr>
<tr>
<td>Education 450</td>
<td>Literature 200 or 220</td>
</tr>
<tr>
<td></td>
<td>Philosophy 200 or 220</td>
</tr>
<tr>
<td></td>
<td>Philosophy 350</td>
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<tr>
<td></td>
<td>Biology 322 (if needed)</td>
</tr>
</tbody>
</table>

| Minor Instrument: Voice for piano and organ majors. Piano for voice, wind, string or percussion majors. (Organ may be substituted by 362, if needed). **The student should have had some piano before taking these courses. **

| Ensemble: 7 hours for organ, piano and voice majors. 6 hours for instrumental majors (Plus the 1 hour voice). A minimum of 3 hours in both vocal and instrumental is required. |
| One hour of voice is required of string, wind and percussion majors. |

In all these major programs, the student is required to take a proficiency examination in the term he completes the minor-instrument requirements. If the student, however, is already proficient in the minor instrument, the examination may be taken sooner, and if passed, the course requirement in that instrument may be waived and another instrument or ensemble may be substituted.

### Music Minors

**Bachelor of Arts Music Minor Requirements:** This program consists of 25 hours. Two programs are available, as follows:

#### MAJOR INSTRUMENT

<table>
<thead>
<tr>
<th>Piano or Organ</th>
<th>Voice or Instruments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Instrument 101-302</td>
<td>Major Instrument 101-302</td>
</tr>
<tr>
<td>Music Ensemble</td>
<td>Minor Instrument 101-201</td>
</tr>
<tr>
<td><strong>Music 141-142</strong></td>
<td>(Piano)</td>
</tr>
<tr>
<td><strong>Music 151-152</strong></td>
<td>Music Ensemble</td>
</tr>
<tr>
<td><strong>Music 361 (or 362)</strong></td>
<td><strong>Music 141-142</strong></td>
</tr>
<tr>
<td><strong>Music 372</strong></td>
<td><strong>Music 151-152</strong></td>
</tr>
<tr>
<td>Elect from: Music 241 and 251, 421 or 422</td>
<td>Music 361 (or 362)</td>
</tr>
<tr>
<td></td>
<td>Music 372</td>
</tr>
</tbody>
</table>

#### Bachelor of Science Music Minor Teaching Requirements: These programs consist of 26 hours. The choice depends upon the major area.

<table>
<thead>
<tr>
<th>Piano or Voice</th>
<th>String, Wind, Percussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Instrument 101-301</td>
<td>Major Instrument 101-202</td>
</tr>
<tr>
<td><em>Minor Instrument 101-201</em></td>
<td>(Piano)</td>
</tr>
<tr>
<td><strong>Music 141-142</strong></td>
<td>Ensemble (Instrumental)</td>
</tr>
<tr>
<td><strong>Music 151-152</strong></td>
<td><strong>Music 141-142</strong></td>
</tr>
<tr>
<td><strong>Music 361</strong></td>
<td><strong>Music 151-152</strong></td>
</tr>
<tr>
<td><strong>Music 372</strong></td>
<td><strong>Music 362</strong></td>
</tr>
<tr>
<td>Select three from Music 221, 222, 231, 232.</td>
<td>Music 372</td>
</tr>
</tbody>
</table>

*Major and minor instruments must be voice or piano unless organ is substituted for piano by permission.*

**The student must have some piano before taking these courses. **

†Prerequisite or concurrently with Education 320. Register as Music 331.

‡Piano must be the minor instrument unless organ is substituted by permission.

§Prerequisite or concurrently with Education 320. Register as Music 332.

¶Select courses other than the one which is the student’s major instrument.
The teaching music minor prepares students to teach either choral or instrumental music on the secondary level.

**General Information:** Non-music majors are encouraged to elect music courses and to join choral and instrumental ensembles. Those vitally interested in music may become associate members of Music Club.

See "Student Expenses" for listing of music fees (p. 42).

**Admission Information:** All prospective music majors should make application well in advance of the term in which they plan to enroll. A personal interview with the chairman of the department is highly advisable, especially if application for a music scholarship is being made. (See, "Scholarships").

Freshmen and transfer students majoring in music must audition either in person or by sending a tape recording. Auditions are held during the first two days of each term. The student should present standard representative works of the major composers in his major applied area.

Freshmen are given a music theory placement examination during the first week. Music majors transferring from an accredited institution must audition for placement in their major and minor instruments. A placement examination in music theory is required unless two years of basic theory have been completed. See section on "Admissions" for regulations on transfer of credit.

**Academic Information:** Attendance at student and faculty recitals, concerts, artist series and music club is required of all music majors and minors. Music majors are allowed two unexcused absences per term and minors are allowed three. Excused absences should be submitted to the chairman of the department or the adviser of music club. If the student has a valid reason for being absent, an excuse must be granted by the chairman or adviser in advance of the program. In case Music Club conflicts with the music minor's major club, the major club requirements would have priority. Bachelor of Science majors are required to join MENC (Music Educators National Conference). These meetings and Music Club are combined.

All music majors and minors are heard in their major instrument by an examining committee at the end of each term. Proficiency examinations are given in the minor instrument at the end of the term in which the student fulfills the minimum requirement.

One hour credit in applied music equals a one-half hour lesson each week and a minimum practice of one hour a day, five days a week. The instructor may require more practice if it is necessary for the student's development.

All music majors must perform in recitals: majors, in two closed recitals per term and minors, in one. Public recital performance is determined by the instructor. Bachelor of Arts students are required to give a full graduation public recital in their senior year.
Bachelor of Science majors are required to give at least a half recital (public) in their junior or senior year.

All music majors must participate in at least one of the campus ensembles each term, except the professional term. Instrumental majors enroll in an instrumental ensemble and voice majors in a vocal ensemble. Exceptions are determined by the program the student follows. A maximum eight hours of ensemble counts toward graduation. If taken for no credit, it meets the ensemble requirements for music majors and minors. All members of vocal ensembles are required to participate in the Oratorio Chorus. In a few cases, piano accompanying (with the approval of the department chairman) may be substituted as part of the ensemble requirement.

For guidance in the chosen major in music, see the assigned academic adviser and ask for the specific requirements sheet and a guide sheet. (These are available for music minors, also.) The adviser's aid and requirement and guide sheets should provide adequate assistance in planning the student's program.

**Applied Music**

101-102 (p, o, v, b, d, s, w)—APPLIED MUSIC 4 hrs. cr.

The course consists of an applied lesson in the students major instrument, minor instrument, and at least one ensemble. For freshmen music majors only.

Course numbers for organ, piano, voice, string, wind and percussion instruments are as follows: First year—101, 102; second year—201, 202; third year—301, 302; fourth year—401, 402. Initials following these course numbers are as follows: b—brass, o—organ, p—piano, d—percussion, s—strings, v—voice, w—woodwinds.

101p to 402p—PIANO 1 hr. cr.

Applicants for admission to the course which leads to a piano major in music should be able to play with practice the easier sonatas by Haydn, Mozart, and Beethoven; School of Velocity, Op. 299, Czerny; Two and Three Part Inventions by Bach, or their equivalent, and the major and minor scales and arpeggios.

Work in piano will include the learning of proper practice methods, building good technique, acquiring sufficient repertoire, and gaining a broad knowledge of piano literature and the composers thereof. Students not majoring or minoring in music may enroll in piano courses suited to their backgrounds and needs. Offered annually.

101o to 402o—ORGAN 1 hr. cr.

No previous organ study is required for entrance to this department but candidates for admission must have acquired a satisfactory piano technique, to be demonstrated by audition. Instruction is planned to include the learning of proper practice methods, acquiring a broad knowledge of organ literature and composers, and the building of a repertoire suitable for church and recital. Offered annually.
101v to 402v—VOICE  
1 hr. cr.

Attention is given to artistic interpretation, development of good technique, building of correct physical and mental poise. Repertoire includes representative English, French, German, and Italian songs, as well as oratorio and operatic arias. Beginners with no previous training as well as advanced students may enroll. Offered annually.

101 to 402 (b, d, s, w)—INSTRUMENTS  
1 hr. cr.

Private instruction is offered in orchestral and band instruments. Work in instruments will include the learning of proper practice methods, building good technique, and acquiring sufficient repertoire. The music department has a limited number of instruments for use by students. It is advisable for each student to make provision to secure the instrument to be studied from other sources. Students not majoring in music may enroll in instrument courses suited to their backgrounds and needs. Offered annually.

110—CLASS VOICE INSTRUCTION  
1 hr. cr.

Open to students with no previous training. Classification of voice, breath control, and diction are stressed through technical exercises and appropriate song material. Offered annually.

120—CHURCH PIANO CLASS  
1 hr. cr.

Technique, sight reading, keyboard harmony, transposition, and modulation are adapted to the needs of church services, formal and informal. Emphasis on hymn playing and accompaniments for choir and congregational singing. In most cases, accompanists desiring to represent the school off campus are required to take this course at least one term. Prerequisite: Ability to play hymns as written. Offered annually.

130—FUNDAMENTALS OF CONDUCTING  
1 hr. cr.

Fundamental conducting techniques and training in song leadership for church and school groups. Basic procedures in choir leading. Practical conducting experience. In most cases, song leaders will be required to enroll in this course before being permitted to direct church music off campus. Credit does not count toward graduation if student is minoring or majoring in music. Offered annually.

140—CLASS PIANO  
1 hr. cr.

Piano instruction for students of limited or no previous keyboard background. This is a course in practical keyboard facility, sight reading, elementary improvisation, and harmonization of folk melodies and songs.

361—CHORAL CONDUCTING  
2 hrs. cr.

Techniques of choral conducting. Participation in conducting and reading of choral materials. Offered annually.

362—INSTRUMENTAL CONDUCTING  
2 hrs. cr.

Techniques of instrumental conducting. Participation in conducting and reading of instrumental materials. Offered annually.
382—PIANO METHODS AND MATERIALS 1 hr. cr.
Lectures on the methods used in teaching piano, the problems of teaching and the development of technique. Evaluation of materials used for teaching different age groups at various stages of advancement. Offered annually.

411, 412—SUPERVISED PIANO TEACHING 1 hr. cr.
Supervised teaching of both private and class lessons for elementary age children, including conferences with supervisor for guidance. Prerequisites: advanced piano study and Music 382. Offered annually.

481—ORGAN METHODS AND MATERIALS 1 hr. cr.
For students preparing to teach applied music. Emphasis is placed on the teaching of interpretation and style, memorization, sight reading, technique, lesson procedures for individual and group instruction; survey, analysis, and evaluation of teaching materials. Offered 1968-69.

491—INSTRUMENTAL METHODS AND MATERIALS 1 hr. cr.
For description of course see Music 481. Offered 1969-70.

492—VOICE METHODS AND MATERIALS 1 hr. cr.
For description of course see Music 481. Offered 1969-70.

Church Music

371—HYMNOLOGY 2 hrs. cr.
The historical development of hymns and hymn tunes from their earliest beginnings to the present; standards for analysis and evaluation. Offered annually.

391—CHURCH MUSIC ADMINISTRATION 2 hrs. cr.
Organization and administration of the music programs within the church. Special attention is given to procedures for management of a graded choir program with survey of materials and repertoire for each group. Prerequisite or concurrently, Mus. 361. Offered annually.

Ensemble

210—CHAMBER ENSEMBLES 1 hr. cr.
A choice of a small vocal, brass, woodwind or string group which will meet separately and will be under different directors who are specialists in these fields. These groups perform at chapel and in concerts. Selected by audition. Offered annually.

261-262—CHORALE 1 hr. cr.
Approximately 40 mixed voices, the majority go on the annual spring tour. Students are chosen by audition. The women's section of the Chorale also makes up the Women's Glee Club, and the men's section forms the Men's Glee Club. Both of these groups perform for campus functions. The repertoire includes a varied program of literature selected from early centuries through contemporary periods, including hymns and spirituals. Members are required to register for Oratorio Chorus. Offered annually.
270—ORATORIO CHORUS

Open by audition to all students enrolled in the university. Numbering over 200 voices, this organization presents master choral works. Offered annually.

281-282—SYMPHONIC BAND

An organization of 50 to 60 selected wind and percussion performers, the Symphonic Band serves the university in the fall by providing music for the home football games. Primarily a symphonic group, the band performs at least three major concerts throughout the school year and makes an annual spring tour to various parts of the country. The band also serves as host for high school band festivals and clinics during the school year. Offered annually.

291-292—SYMPHONY ORCHESTRA

Instrumentalists selected from the campus and surrounding communities. Performances with choral groups and full orchestral concerts highlight each season. Offered annually.

Music Education

221—PERCUSSION INSTRUMENTS

Class instruction for public school teaching. Offered 1968-69.

222—BRASS INSTRUMENTS

Class instruction for public school teaching. Offered 1968-69.

231—WOODWIND INSTRUMENTS

Class instruction for public school teaching. Offered 1969-70.

232—STRING INSTRUMENTS

Class instruction for public school teaching. Offered 1969-70.

300—MUSIC IN THE ELEMENTARY CLASSROOM

Methods of teaching and correlating music and rhythmic activities in the programs of the elementary school. A study of materials and their presentation. Required for the B.S. degree in elementary education. Prerequisite: Music 160 or permission of the instructor. Offered annually.

312—ELEMENTARY SCHOOL MUSIC

For music majors on B.S. programs. Methods, materials, child voice, song repertoire, interpretation, listening, reading, audio-visual and recordings. Offered annually.

331—INSTRUMENTAL METHODS FOR SECONDARY SCHOOL TEACHERS (See Education 320)

Objectives and techniques of the instrumental program in the secondary school, with emphasis on rehearsal procedures, repertoire, and organization. Required of students taking the 52 hour teaching area major, the 42 hour instrumental teaching major, or the 26 hour instrumental teaching minor. Prerequisite or concurrently, Education 320. Offered annually.
332—CHORAL METHODS FOR SECONDARY SCHOOL TEACHERS (See Education 320) 2 hrs. cr.

Objectives and techniques of the choral program in the secondary school, with emphasis on rehearsal procedures, repertoire, and organization. Required of students taking the 52 hour teaching area major, the 42 hour choral-general teaching major, or the 26 hour choral-general teaching minor. Prerequisite or concurrently, Education 320. Offered annually.

451, 452—SEMINAR 1 or 2 hrs. cr.

Practical research to further integrate the student's major field of interest at the undergraduate level, or intensive research in theoretical or musicological aspects of music to provide background for graduate study. Offered annually.

Music History and Literature

321—MUSIC LITERATURE 2 hrs. cr.

Representative music works from all periods, with emphasis on stylistic characteristics. Lectures, performance, and supervised record listening. Open also to non-music majors who have had some training in music. Offered annually.

372—MUSIC HISTORY 4 hrs. cr.

The historical study of music from the early centuries through the twentieth century. Concomitant phases of political history and art are correlated. Illustrations of every era, school, and phase of music history are utilized. Offered annually.

Music Theory

141—BASIC THEORY 4 hrs. cr.

Elemental structure and style of music is learned through the development of writing and analysis of music. Based on the results of their Theory Entrance Examination, some students may be advised to take Music Fundamentals 160 as a prerequisite.

142—MUSIC THEORY, HISTORY AND LITERATURE 4 hrs. cr.

An integrated approach to the development of music from Grecian time through the Renaissance. Representative music and concomitant phases of political history and art are correlated with the aural, written, keyboard, and analytical techniques of this period of history.

151-152—SIGHT SINGING AND EAR TRAINING I 1 hr. cr.

The various methods of learning sight singing are employed. Ear training consists of melodic and harmonic dictation. Offered annually.

160—MUSIC FUNDAMENTALS 2 hrs. cr.

Notation, tonal and rhythmic aspects of music for the purpose of developing in the non-music major the ability to conduct music activities at an elementary level. Credit does not count toward graduation if student is majoring or minoring in music. Offered annually.
241-242—BASIC THEORY II  

The structure and style of music presented in more advanced forms with a correlation of aural, written, keyboard and analytic techniques. The various phases of eighteenth, nineteenth and twentieth century music are studied. Prerequisites: Music 141-142 or by permission of the instructor. Offered annually.

251-252—SIGHT SINGING AND EAR TRAINING II  

Harmonic dictation in two, three and four parts is presented. Sight singing in treble, bass and alto clefs with emphasis on quick perception of melodic intervals. Offered annually.

351—CHORAL ARRANGING  

The ranges, tonal possibilities and technical limitations of the different voices; the analysis of scores of standard choral compositions. Arranging and adapting scores for various vocal combinations. Offered annually.

352—INSTRUMENTAL ARRANGING  

Band and orchestral instruments are studied with a view to practical and effective writing. Arranging of compositions for various instrumental combinations. Students will be expected to arrange a composition for full orchestra at the close of the term. Offered annually.

421—COUNTERPOINT  

The fundamental principles of eighteenth century polyphonic composition, combined with a study of the formal designs and methods of structural treatment used in the harmonic contrapuntal concept of music. Offered annually.

422—FORM AND ANALYSIS  

Aural and visual analysis of representative works of the eighteenth, nineteenth and twentieth centuries, with emphasis on the structural and stylistic aspects of music. Offered annually.

DEPARTMENT OF PHILOSOPHY  

Carter and Staff  

The Department of Philosophy offers two majors, namely, a Philosophy major and a Philosophy of Religion Area major.

PHILOSOPHY OF RELIGION AREA MAJOR  

Philosophy and Religion Departments Staff  

Philosophy of Religion Major: Forty-five hours in the departments of Philosophy and Religion with a minimum of twenty hours in each department. This major must include Philosophy 201, 272, 331, 431 and Religion 311, 342, 381, 461 (with permission of the Head of the Department of Philosophy, in exceptional cases Philosophy 350 may be substituted for Religion 461), and eight hours of Bible about equally divided between Old and New Testaments. Religion 220, but not 120, may be counted on this major. No minor is required.
Philosophy Major and Minor

A philosophy major consists of twenty-four hours, and must include courses 201, 272, 331, and 350 (in exceptional cases Rel. 461 may be substituted for Phil. 350, with permission of the Head of the Department of Philosophy). A minor consists of sixteen hours, and must include courses 350, and either 201 or 272.

201—Logic

A systematic study of the principles of reasoning, and the methods of obtaining valid knowledge and correct conclusions. Offered 1969-70.

272—Ethics

A survey of the principal ethical theories and systems, with application of these principles to pressing moral and social problems of the day. Offered annually.

322—Philosophy of Religion

The problems and conceptions of religion, together with their implications for theism and Christianity. Special attention will be given to the development of religious philosophy in America as it relates to the modern cults. Offered 1969-70.

331—History of Philosophy

The development of philosophical thought from the ancient Greeks to modern times. Offered 1968-69.

341—Aesthetics

The psychology of the aesthetic experience and an interpretation of the philosophy of aesthetic values. This is an excellent cultural course for the general student. Offered 1968-69.

350—Philosophy and Christian Thought

An introduction to the basic problems of philosophy and their relation to classical Protestant Christian thought designed to acquaint the student with the terminology and concepts of philosophy and their relationship to the basic Christian teachings. The aim is the integration of all knowledge and the development of a Christian philosophy of life. Offered annually.

411—American and Contemporary Philosophy

This course surveys the influence of European philosophy upon American thought and life from Puritanism to the present, with special emphasis upon historical American developments such as pragmatism in education and personalism in religion. Special attention will be devoted to contemporary thought. Offered 1969-70.

431—World Religions

An examination of primitive animism, followed by a careful study of the world's great religions with a view to acquainting the student with their underlying philosophies, principal teachings and comparative features. Offered 1968-69.
432—GREAT PHILOSOPHIES  2 hrs. cr.
The problems and principles of philosophy as found in the major
philosophical works of one or more of the great philosophers such as

441, 442—HONORS  1 or 2 hrs. cr.
Open to senior majors and minors who have a B average in the field
of study and with permission of the head of the department.

451, 452—SEMINAR  1 or 2 hrs. cr.
Designed to correlate and integrate philosophic problems and prin-
ciples. Special research problems will be assigned to meet the needs
and interests of the major student.

PHYSICAL EDUCATION AND HEALTH

Glass, Blume, Davenport, A. Horwood, J. Horwood, Howard,
Jones, King, Odle

Opportunity is given for all students to take part in the organized
physical education program which is carried on throughout the year.
An extensive intramural program offers participation in all sports
and leisure-time use of recreational facilities is encouraged. The
college promotes a program of intercollegiate athletics in which high
standards of scholarship and sportsmanship are fostered for all partici-
pants. Intercollegiate contests are held in baseball, basketball, cross-
country, football, golf, tennis, track and field, and wrestling. A physi-
cical examination, for which there is no additional charge, is required
of all who participate in intercollegiate athletics.

Men expecting to complete a teaching major in physical educa-
tion and health leading to a B.S. in Education degree must have a
total of 40 hours of credit in physical education and health, including
the following courses: 111, 121, 132, 212, 221, 241, 242, 250, 402,
431, and 432. In addition to these courses, two of the following four
courses must be completed: 261, 312, 351 and 382. Also one of the
following courses must be selected: 322, 332, or 381. Men who are ex-
pecting to complete a teaching minor in physical education and health
must have a total of 25 hours in physical education, including the
following courses: 111, 121, 132, 221, 250, 402, 431, and 432. P.E. 100
does not apply toward a major or minor.

Women who wish to complete a teaching major in physical edu-
cation and health must have 40 hours of credit in physical education
Also one of the following courses must be selected: 322, 332, or 381.
Women wishing to complete a teaching minor in physical education
and health must have 26 hours of physical education and health credit
including the following courses: 121, 132, 221, 250, 362, 391-392, and
402. P.E. 100 does not apply toward a major or minor.

Students expecting to minor in physical education and health in
the A.B. program should have 18 hours in physical education including the following: 121, 212, 221, 250, 431, and 432. Women on this program would replace 431 & 432 with 362 & 391.

Students interested in training and working in the area of Corrective Therapy may do so through the physical education department and its affiliation with the Veterans Administration Hospital in Marion, Indiana. Those interested must enroll in P.E. 322 and 420 and plan their schedules with the head of the physical education department.

Only approved dress items for physical education classes may be worn in class. If the student already owns non-marking gym shoes, these are acceptable.

100—GENERAL PHYSICAL EDUCATION 1 hr. cr.
Provides the understanding and skills necessary to participate in a variety of activities which should improve one physically, socially, spiritually, and mentally. Required of all students, and must be taken during the first two years. Does not apply toward a major or minor. Offered annually.

111—FIRST AID AND CARE OF ATHLETIC INJURIES 1 or 3 hrs. cr.
A study of the principles and teachings of a first aid program. Special emphasis is placed upon common athletic injuries, dealing with prevention, recognition, and care. Non-physical education majors and minors who wish to study first aid should register for one credit hour. They will attend the class for the first six weeks, during which the first aid sections of the course will be covered. Physical education majors and minors should register for three credit hours. First aid section valued at one hour credit, care of athletic injuries section valued at two hours credit. May be taken this way in transfer cases. Offered annually.

121—FOUNDATION OF PHYSICAL EDUCATION AND HEALTH 4 hrs. cr.
Designed to give the student an understanding of the place of physical education in the world today. Includes the history of physical education, contemporary happenings, and the theories of physical education. Offered annually.

132—SCHOOL HEALTH EDUCATION AND SAFETY 3 hrs. cr.
Proper health and safety practices are studied, with emphasis on the materials that should be taught in a high school health class. Offered annually.

212—RECREATION AND CAMPING 3 hrs. cr.
A study of the place of recreation and camping in our American society. Deals with the planning, promotion, and supervision of all types of recreation programs. May be taken at the summer camp with a greater camping emphasis. Offered annually.
221—GYMNASTICS

Designed to give a physical education instructor an understanding of the place for and skills of gymnastics in order that they might be used to a greater advantage in physical education. Offered annually.

241-242—HUMAN ANATOMY AND PHYSIOLOGY
(see Biology 241-242)

250—AQUATICS

Includes the development and improvement of the student's ability to swim, the study of the nine recognized swimming strokes, and senior life-saving. Open only to sophomore, junior and senior majors and minors. Offered annually.

252—PHYSICAL EDUCATION IN ELEMENTARY

A study of games and rhythmic activities that can be used in the public school as well as how they can be taught by both the elementary classroom teacher and the elementary physical education specialist.

261—COACHING OF BASKETBALL

Offensive and defensive play are studied, with emphasis on modern trends in basketball. Rules, fundamentals, schedule making, scouting, care and choice of equipment, and techniques of team selection are included. Offered annually.

312—COACHING OF BASEBALL

Aimed at providing the student an understanding of the fundamentals and strategy of both the offensive and defensive sides of baseball. Also included are problems pertinent to a baseball coach. Offered 1968-69.

322—CORRECTIVE AND REMEDIAL EXERCISE

The student is provided an opportunity to develop the ability to analyze activity, identify injury and malformation, and prescribe proper conditioning and corrective exercise. Offered annually.

332—ADVANCED SCHOOL HEALTH EDUCATION

Development and strengthening of the understanding of proper health practices. Methods and materials that can be used in teaching a high school health class are considered. Prerequisite: P.E. 132. Offered 1969-70.

351—COACHING OF FOOTBALL

A presentation of modern football including both the advantages and disadvantages. Game fundamentals such as punting, passing, blocking, and tackling are studied. Attention is also given to the care and purchase of equipment, selection of squad, selection of managers, and selection and supervision of assistants. Offered 1968-69.

362—INDIVIDUAL SPORTS FOR WOMEN

A survey of individual sports and the methods and techniques that can be used in teaching them. Offered annually.
371—TECHNIQUES OF DRIVER EDUCATION 3 hrs. cr.
Provides preparation for high school teachers of driver education. Both the classroom phase and the behind-the-wheel techniques are presented. Every enrollee will have an opportunity to teach automobile driving to beginners. Open to junior and senior men physical education majors or minors. Offered annually.

381—KINESIOLOGY 3 hrs. cr.
An analysis of human motion based on anatomic, physiologic and mechanical principles. Emphasis is placed upon physical education skills, everyday activities and faulty movement. A necessary course for physical educators and corrective therapists. Prerequisite: P.E. 241-242. Offered annually.

382—COACHING OF TRACK AND FIELD 3 hrs. cr.
Track and field activities are discussed with demonstrations of techniques and proper form for each. Further study is made in the care of injuries, purchase and care of equipment, scheduling, and management of track and field meets. Offered 1969-70.

391-392—TEAM SPORTS FOR WOMEN 3 hrs. cr.
Emphasizes team sports that should be taught in the secondary schools and the teaching techniques and skills that should be used. Offered annually.

402—ORGANIZATION, ADMINISTRATION, AND EVALUATION OF PHYSICAL EDUCATION 4 hrs. cr.
Methods of organizing and administering a physical education, intramural, and athletic program are studied, as well as the methods of testing and evaluation that should be used in physical education. Considerable time is spent discussing budgeting, purchasing, and care of athletic equipment. Offered annually.

420—CLINICAL OBSERVATION AND PRACTICE IN CORRECTIVE THERAPY 6 hrs. cr.
An intensive six-week course under the auspices of the professional staff of the Veterans Administration Hospital, Marion, Indiana. Provides classroom and practical clinical experience in corrective therapy as integrated into the Physical Medicine and Rehabilitation program of a hospital. Open to senior and graduate physical education majors. Prerequisite: PE 322 and permission of the instructor. Offered annually, and throughout the summer.

431—TEAM SPORTS FOR MEN 3 hrs. cr.
Designed to give the physical education instructor an understanding of team sports. Methods and techniques of teaching these sports are considered. Team sports studied are field hockey, soccer, speed ball, touch and flag football, wrestling, lacrosse, mass team games, and the use of various pieces of physical education equipment. Offered annually.

432—INDIVIDUAL SPORTS FOR MEN 3 hrs. cr.
A study of individual sports as well as methods and techniques of presenting these to a class. Individual sports studied are archery,
badminton, bowling, golf, hand ball, shuffleboard, tennis, table tennis, weight lifting, horseshoes, paddle tennis, and snow activities. Individual and dual games for use in general physical education classes are also considered. Offered annually.

441, 442—HONORS 1 or 2 hrs. cr.
Open to individuals completing a teaching major or a minor who have a B average in the field of study and with permission of the head of the department.

493—SENIOR CAPSTONE 4 hrs. cr.
Senior majors in physical education only. A culmination of and a critique of the work done in the field of physical education. Offered during January inter-term only.

**Physics**

**Nussbaum, Burden, Roth, Wolfe**

A major consists of 32 hours in physics, Mathematics 431, Chemistry 431, 432, and Natural Science Seminar, NS 451, are also required. A minor consists of 18 hours, including Physics 311 and Mathematics 341-342.

211-212—GENERAL COLLEGE PHYSICS 5 hrs. cr.
Mechanics, heat and sound are studied in the first term; magnetism, electricity and light are studied in the second term. Four lectures and two hours laboratory per week. Concurrent enrollment in calculus is recommended. Offered annually.

311, 312—MODERN AND NUCLEAR PHYSICS 4 hrs. cr.
Atomic and nuclear structure, natural and induced radioactivity, nuclear radiation detection, charged particle interactions, neutron physics, relativity and quantum properties of photons and particles. Three lectures and two hours laboratory per week. Offered annually.

321, 322—ELECTRICITY, MAGNETISM, AND WAVES 4 hrs. cr.
A unified study of electric charge, forces, field and potential; capacitance and dielectrics; moving charges and magnetic fields; Maxwell’s equations and electromagnetic waves; propagation of waves and waveguides.

Three lectures and two hours laboratory per week. Laboratory experiments in the first term emphasize electrical measurements. Optics experiments are performed in the second term. Offered alternate years (1969-70).

332—PHYSICAL ELECTRONICS 4 hrs. cr.
A course dealing with the theory and application of electron tubes and solid state devices. Emphasis is placed on those properties of components and electronic circuits which are of special interest to the physicist. Three lecture and two hours laboratory per week. Offered alternate years (1969-70).
341-342—ANALYTICAL MECHANICS 3 hrs. cr.
A vector treatment of mechanics. A study of statics, including equilibrium, virtual work, elasticity and gravitational potential followed by an introduction to dynamics including kinematics, oscillations, energy, central forces, planetary motion and collisions. Three lectures per week. Prerequisite: Physics 212. Corequisite: Mathematics 431. Offered annually.

441, 442—HONORS 1 or 2 hrs. cr.
Open to majors and minors who have a B average in the field of study and with permission of the head of the department.

POLITICAL SCIENCE
Loy, Mikkelson, Valberg

A major in political science is appropriate for those who plan a career in law, business, civil or foreign service or teaching.

100—UNITED STATES POLITICAL PROCESS 3 hrs. cr.
Primary emphasis will be given to the democratic character of American government. The course will consider the constitutional system and civil liberties as well as the institutions of American government. Offered annually.

202—UNITED STATES FOREIGN POLICY 3 hrs. cr.
A study of the formation and conduct of American foreign policy. Covers the idealism-realism debate, foreign aid, and participation in international organizations as well as the general international environment of United States foreign policy. Offered annually.

301—EUROPEAN GOVERNMENTS 4 hrs. cr.
A study of the constitution, organs of government, public administration, and political parties of the principal European powers. Offered 1968-69.

312—DEVELOPMENT OF PUBLIC POLICY 3 hrs. cr.
Describes and examines the political process including the voting behavior of the people and the functions and interactions of political parties, interest groups, and public opinion in a democratic polity. Offered annually.

321—PUBLIC ADMINISTRATION 3 hrs. cr.
An examination of structure, function, organization, and personnel of public administration. Emphasis on American bureaucracy and the problems of public control and bureaucratic responsibility. Offered annually.

331—THE LEGISLATIVE PROCESS 3 hrs. cr.
A study of the United States legislative system. Emphasizes the President as chief legislator, the committee system, the seniority system and the formal decision-making structure within both houses of Congress. Offered 1969-70.
342—WESTERN POLITICAL THOUGHT 4 hrs. cr.
A general survey of Western political thought from early Greece to the present time, including philosophies of city-state, universal community, nationalism, liberalism, fascism, national socialism and communism. Offered 1969-70.

372—AMERICAN CONSTITUTIONAL DEVELOPMENT 4 hrs. cr.
(See History 372.)

411—WORLD POLITICS 3 hrs. cr.
A study of political relations of nation-states. Problems of nationalism, colonialism, power-politics, and world organizations are discussed. Offered 1968-69.

422—HISTORY OF AMERICAN FOREIGN RELATIONS 3 hrs. cr.
(See History 422.)

441, 442—HONORS 1 or 2 hrs. cr.
Open to senior majors and minors who have a B average in the field of study and with permission of the head of the department.

451, 452—SEMINAR 1 or 2 hrs. cr.
Acquaints students with research methodology and literature in the field. Designed to prepare students for graduate study in political science. Offered annually.

PSYCHOLOGY

D. Miller, Delcamp, McGinnis, M. Miller

Psychology is the science of human behavior. It deals with man's inner experience and motivation, and his relationship with the world outside himself. A knowledge of psychology is important to all occupations in which an understanding of human nature is necessary.

A major consists of twenty-four term hours, and a minor of sixteen term hours, both in addition to Psychology 101. Somewhat different curricula are recommended for majors who are preparing to be psychologists, social workers, and ministers. Psychology 200 is prerequisite to all other courses in the department. Psychology 212 is required of all majors.

101—COLLEGE PROBLEMS 1 hr. cr.
Small groups promoting the self-direction and disciplines required in higher education. Attitudes, skills, and knowledge essential to a high level of accomplishment are studied.
200—GENERAL PSYCHOLOGY I
3 hrs. cr.
Introducing the subject matter and methods of psychology, including the study of physiological psychology, learning, sensation, perception, motivation, emotion, mental health and therapy. Offered annually.

212—GENERAL PSYCHOLOGY II
2 hrs. cr.
A continuation of Psychology 200, dealing with the subjects of behavioral development, personality, psychometrics, social psychology and frontiers in psychology. Offered annually.

230—HUMAN DEVELOPMENT
3 hrs. cr.
Human behavior and development from conception to adulthood. Emphasis is placed on the psychological aspect of development, with particular reference to related biological and social factors. The course will also be taught in the professional term. Offered annually.

321—SOCIAL PSYCHOLOGY
3 hrs. cr.
A study of individual behavior in group situations with emphasis upon various influences which shape the psychological patterns of inter-personal relationships. Offered 1969-70.

322—GENERAL STATISTICS
3 hrs. cr.
(See Social Science 322)

341—PSYCHOLOGY OF THE ATYPICAL
3 hrs. cr.
The different types of exceptional individuals are studied, and appraisal is made of educational methods which make for their maximal effectiveness and adjustment. Offered 1968-69.

351—PRINCIPLES OF LEADERSHIP
3 hrs. cr.
Basic philosophy and methods of leadership are studied. Those enrolled will work with the freshmen in Psychology 101. Prerequisites: three hours in psychology and the consent of the instructor.

362—MENTAL HYGIENE
3 hrs. cr.
With a laboratory experience the psychology of personal adjustment, the prevention of emotional and mental disorders, and the organized efforts to promote mental health are studied. Students spend eight two-hour periods assisting in the therapy departments of a mental hospital, in addition to the regular three class sessions per week. Offered 1968-69.

372—EXPERIMENTAL PSYCHOLOGY
3 hrs. cr.
The general methodology of experimental psychology is stressed and specific areas of psychological research are surveyed. Students will be expected to perform independent research and laboratory experimentation. Offered annually.

401—PSYCHOLOGY OF PERSONALITY
3 hrs. cr.
The major current systematic psychological theories of personality are studied with some consideration for their usefulness for research, professional psychology, and the professional interests of those who are enrolled in the course. Offered 1969-70.
402—PSYCHOLOGY OF THE ABNORMAL 3 hrs. cr.
Nature, causes and treatment of abnormal behavior are studied with special consideration of the symptoms and dynamics of psychological disorders. The student will spend an hour per week in addition to regular class sessions in studying cases and therapy at a mental hospital. Offered 1969-70.

421—PSYCHOLOGY OF RELIGION 3 hrs. cr.
A psychological analysis of religious experience and behavior, with special emphasis on Christianity. Attention is given to teachings of the Bible which are related to principles of psychology. Offered 1968-69.

431—HISTORY OF PSYCHOLOGY 3 hrs. cr.
The developmental history of psychology as it emerged from philosophy as a distinct discipline, emphasizing the influence of the theories upon contemporary scientific psychology. Offered 1969-70.

441, 442—HONORS 1 or 2 hrs. cr.
Open to senior majors and minors who have a B average in the field of study and with permission of the head of the department. Honors scholars may choose either a reading project or an experimental research project. Ordinarily, Social Science 322 is prerequisite to the latter.

451—SEMINAR 2 hrs. cr.
To relate pertinent topics in psychology to classic and recent studies. Independent research will be conducted and shared with the group. Open only to seniors who are majoring in psychology. Offered annually.

493—CAPSTONE COURSE IN PSYCHOLOGY 4 hrs. cr.
To integrate all areas in psychology and relate significant theory and research concerning each area.

RELIGION
Wilson, Carter, Dean, Heath, Luthy

Thirty hours in religion are required for a major. This involves a core of concentration of sixteen hours from one of the subdivisions of the department including requirements listed in the subdivision chosen.

For a minor, twenty hours, at least twelve of which should be in upper division courses, may be chosen from one or more of the subdivisions of the department.

Biblical Literature

Majors must include 272, 342, 452, 461 (or Phil. 350 instead of Rel. 461 in exceptional cases) when choosing this core of concentration.
120—BIBLICAL LITERATURE I  4 hrs. cr.
This course has as its primary content the Old Testament, with special attention given to the law, the prophets and the Messianic hope which is fulfilled in Jesus Christ and the New Testament.

220—BIBLICAL LITERATURE II  4 hrs. cr.
This is a specially-designed course for the second-year inter-term period. It includes a foundation in New Testament study with focus on Jesus Christ as portrayed in the Gospels and Epistles. It also includes a series of explorations into the relevance of Christ to modern life.

231—HARMONY OF THE GOSPELS  3 hrs. cr.
The four Gospel narratives are studied with a view to discovering the contribution of each to the story of the life and teachings of Jesus through the use of both the inductive and comparative methods of study. There is also a review of the political, geographic, and social world of the time of Christ. Offered annually.

232—BOOK OF ACTS  2 hrs. cr.
An inductive study with particular attention given to the work of the Holy Spirit and the missionary methods of the apostolic church. Offered annually.

321—THE PENTATEUCH  3 hrs. cr.
Special attention is given to the Genesis account of the origin of the cosmos, man, sin, salvation, etc. Offered annually.

322—POETIC AND WISDOM LITERATURE  3 hrs. cr.
Hebrew poetry and wisdom as presented in the books of Job, Psalms, Proverbs, Ecclesiastes, Lamentations, and the Song of Solomon. Offered annually.

331—PAULINE EPISTLES  3 hrs. cr.
Attention is given to the life, ministry, and writings of Paul. The Doctrinal, Pastoral, and Personal Epistles of Paul are studied with reference to their geographical and historical settings, the organization of the Apostolic Church, and the development of Christian doctrine. Careful exegesis is made of selected portions of each epistle. Offered annually.

332—HEBREWS, GENERAL EPISTLES, REVELATION  3 hrs. cr.
Attention is given to the problems of the authorship of Hebrews and its relation to the ceremonies of the Old Testament. The authorship, time, and background of each of the General Epistles is studied. The contribution of each book to the New Testament doctrine is evaluated. A study is made of the place of Revelation in the New Testament canon and its relation to the Bible as a whole. Offered annually.

411-412—THE EPITLES (See Greek 311-312)  3 hrs. cr.
421—PSYCHOLOGY OF RELIGION (See Psychology 421)  3 hrs. cr.
422—OLD TESTAMENT HISTORICAL LITERATURE  3 hrs. cr.
The story of Israel from Joshua to Nehemiah as given in the Old Testament books from Joshua through Esther. Attention is given to
relevant archeological discoveries and to the significance of the Kingdom. Special sensitivity to the historical consciousness of the ancient Hebrews is cultivated. Offered annually.

451—HEBREW PROPHETS
3 hrs. cr.
The major and minor prophetic works of the Old Testament with special emphasis given to the historical background, Messianic message, content, and specific theological concepts and teachings which are pertinent to modern times. Offered 1968-69.

452—SEMINAR
2-4 hrs. cr.
A correlation and integration of the subjects of the major field. Special assignments are made for research in particular fields. Required of all majors in religion. Offered annually.

462—JEWISH HISTORY, CULTURE, AND GEOGRAPHY
3 hrs. cr.
Beginning with the Ezra literature the development of Mishnaic Judaism is traced through the Talmudic period. The latter part of the course deals with modern Judaism and the possibilities of rapprochement between Judaism and Christianity. Offered 1968-69.

491-492—THE SYNOPTIC GOSPELS (See Greek 301-302)
3 hrs. cr.

Christian Education
Majors must include 200, 202, 272, 381, 382, 441-442, 452, and 461 (or Phil. 350 instead of Rel. 461 in exceptional cases) when choosing this core of concentration.

130—FUNDAMENTALS OF CONDUCTING (See MUSIC 130)
1 hr. cr.

200—INTRODUCTION TO CHRISTIAN EDUCATION
3 hrs. cr.
Fundamental concepts emphasizing biblical, theological, psychological and organizational factors which bear upon form and method. Offered annually.

202—ORGANIZATION AND ADMINISTRATION OF THE CHURCH PROGRAM
3 hrs. cr.
A survey of the leadership responsibilities of the pastor and the director of Christian Education. The organization and administration of the total church program are studied. A required course for the first year of a student pastorate. Offered annually.

230—HUMAN DEVELOPMENT (See Psychology 230)
3 hrs. cr.

302—ART FOR TEACHERS (See Art 302)
3 hrs. cr.

371—HYMNOLOGY (See Music 371)
2 hrs. cr.

381—HISTORY AND PHILOSOPHY of CHRISTIAN EDUCATION
3 hrs. cr.
The changing philosophical climate of religious education as seen against historical backgrounds from pre-Christian Judaism to the present American scene. Offered annually.
382—MATERIALS AND METHODS IN CHRISTIAN EDUCATION 4 hrs. cr.

Materials and methods utilized in working with children, youth, and adults. Preparation of materials is emphasized, and observation and participation are provided. Offered annually.

421—PSYCHOLOGY OF RELIGION (See Psychology 421) 3 hrs. cr.

441, 442—SUPERVISED EXPERIENCE IN CHRISTIAN EDUCATION 1-2 hrs. cr.

Supervised experience in various phases of Christian Education programs. Prerequisite: 381 and 382. Offered annually.

472—RECREATION AND CAMPING 3 hrs. cr.

(See Physical Education 372)

Missions and Church History

A minor in missions consisting of twenty hours of carefully selected courses is provided by this department with a view to meeting the needs of missionary candidates in any department of the university.

Requirements for minor: General education graduation requirements plus courses 232 or 391, 252, 311, and 431.

252—CULTURAL ANTHROPOLOGY (See Sociology 252) 3 hrs. cr.

311—HISTORY OF CHRISTIAN MISSIONS 3 hrs. cr.

A historical survey of the missionary activities of the Christian church from their beginning to the present time. Special attention is given to missions in the Middle Ages, their development since the Reformation, the renewed activities of the nineteenth century, the unfinished task, and the contemporary status of the young churches in various mission fields of the world. Offered 1968-69.

342—HISTORY OF THE CHRISTIAN CHURCH 3 hrs. cr.

A rapid survey of Christian developments from the second century to the present American scene. Offered 1969-70.

391—PHILOSOPHY AND METHODS OF MISSIONS 2 hrs. cr.

The principles and methods of Christian missions from Christ to the present time. The biblical basis and the prime motivating factors, direct evangelistic, educational, medical, industrial, literary, radio, and occupational missionary methods are given special attention. The preparation of the missionary for his task is also considered. Offered 1969-70.

431—WORLD RELIGIONS (See Philosophy 431) 2 hrs. cr.

432—MISSIONS SEMINAR (Area Studies) 2 hrs. cr.

A specialized study of one of the several mission fields, such as Latin America, Africa, India, Japan, or China. The geography, people, history, economics, sociology, government, language, religion, and the history and methods of Christian missions will be considered.
Biblical Philosophy and Theology

272—ETHICS (See Philosophy 272). Required for major. 3 hrs. cr.

350—PHILOSOPHY AND CHRISTIAN THOUGHT  
(See Philosophy 350)  5 hrs. cr.

372—PHILOSOPHY OF RELIGION  
(See Philosophy 322)  3 hrs. cr.

461—BIBLICAL THEOLOGY  3 hrs. cr.

The biblical message of God acting redemptively in history. Attention is given to methodology and to the biblical concern for history. Offered annually.

SOCIOMETRY

Roye, Carter

Sociology is that discipline which seeks to differentiate and to define the fundamental processes of social interaction resulting in human personality and social organization. It seeks to formulate principles, laws and generalizations with regard to human nature and society which may have universal validity and applicability. It is concerned with the behavior of humans in group relationships and with organized systems of practices and social rules, as these are expressed in social institutions developed to regulate and to standardize behavior toward recognized group values.

Sociology applied professionally to the problems of living in modern society is known as social work. Courses receiving welfare credit should be included in the curriculum of a student who wishes to meet the undergraduate standards of the National Council on Social Work Education.

A major in sociology consists of twenty-four term hours, a minor of sixteen term hours. The major must include Soc. 100, 211, 350 and 452.

100—PRINCIPLES OF SOCIOLOGY  3 hrs. cr.

A study of the fundamental principles and processes in our social structure and social development. The course provides a systematic basis for further advanced study in sociology and a knowledge of those principles with which any program of social reform must reckon. Offered annually.

211—CONTEMPORARY SOCIAL PROBLEMS  3 hrs. cr.

A general introduction to social problems in contemporary society which arise from social and personal disorganization. Such problems as poverty, crime and delinquency, divorce and marital maladjustments will be examined in the light of the basic principles of sociology. Prerequisite: Sociology 100. Offered annually.
Consideration of how a community is organized and how it develops. This is done for both rural and urban communities. Special emphasis is upon the inter-relationship of the many organizations and agencies, their functions, and their influence on the individuals involved. Prerequisite: Sociology 100 or consent of instructor. Offered annually.

241—MARRIAGE AND HOME BUILDING  4 hrs. cr.
A study of marriage and the family from the approach of practical preparation for family living and home building. The customs, mores and practices of contemporary social relationships between the sexes, as in dating, courtship and marriage; the foundations of successful marriage; the prediction of success or failure in marriage. Offered annually.

252—CULTURAL ANTHROPOLOGY  3 hrs. cr.
An introduction to the culture of present-day representative pre-literate primitive people of the world. Social and cultural origins, primitive social control, the background of modern folkways, mores and community and institutional life are studied. The findings will be related to contemporary social problems. Designed for sociology majors, and as an orientation course for those interested in missions. Offered annually.

302—LABOR PROBLEMS (See Economics 302)  3 hrs. cr.

312—INTRODUCTION TO DEMOGRAPHY  5 hrs. cr.
The many and diverse relations of man’s numbers to his social welfare, with particular attention being given to early theories and policies of population, the growth of population, vital statistics as social factors, and the socio-economic and biological significance of birth and growth differentials, and minority groupings will be studied. Prerequisite: Sociology 100. Offered annually.

321—SOCIAL PSYCHOLOGY (See Psychology 321)  3 hrs. cr.

322—GENERAL STATISTICS (See Social Science 322)  3 hrs. cr.

331—INTRODUCTION TO THE FIELD OF SOCIAL WELFARE  5 hrs. cr.
A survey of social theory and practice as applied to current social problems. A study of social and economic factors affecting human welfare in the urban and rural communities. Attention is given to the nature and structure of social welfare services available to rural and urban peoples. It is designed especially for pre-social work majors, teachers, ministers, and other community leaders. (Welfare credit.) Prerequisite: Sociology 100 or consent of the instructor. Offered annually.

342—CRIMINOLOGY  4 hrs. cr.
Schools of criminology, theories of crime and punishment, causes and costs of juvenile and adult delinquency, police detection, penal institutions, and modern treatment of juvenile and adult delinquents will be studied. Prerequisite: Sociology 100. Offered annually.
350—HISTORY OF SOCIAL THOUGHT 3 hrs. cr.
The main emphasis will be placed upon the contributions of sociologists since the time of Comte. This will be done by a study of the writings and concepts of leading sociologists both in Europe and America. Offered 1969-70.

401, 402—SOCIAL SERVICES TO INDIVIDUALS 2 hrs. cr.
The history, principles, and processes of social casework, social group work, community organization are studied. The classroom work or theory will be given on campus. The practical observation of public welfare agencies in operation will be done in cooperation with agencies in the community, particularly the Grant County Welfare Department. Open to majors in sociology or by consent of instructor. Offered 1968-69.

411—THE FAMILY 3 hrs. cr.
An intensive view of the history of the family; the psychology of family relationships and adjustments as a social institution; economic and social influences affecting the status of members of the family; changing family folkways; factors causing family instability, and some suggestions for the conservation of the family. Offered only to upper level sociology majors or with consent of instructor. Offered 1968-69.

441, 442—HONORS 1 or 2 hrs. cr.
Open to majors and minors who have a B average in the field of study and with permission of the head of the department.

452—CAPSTONE COURSE 4 hrs. cr.
The theory and methods of sociological research are reviewed. Intensive reading and investigation by the students of assigned problems. Prerequisite: sixteen hours in Sociology and consent of instructor. Offered annually.

SPEECH

Greathouse, Goetheus, Jackson, Rousselow, Zimmerman

A major for the A.B. Degree in Speech consists of 30 hours, and a minor of 18 hours. Students who have had at least one semester of speech in high school may omit Speech 100 and take one of the other lower division requirements. Unless exempted from 100 the following courses must be included in the major: Speech 100, 200, 212, 221, 231 and 321. The minor must include 100, 200, 212, 221, and 231.

The following programs are offered for students qualifying to teach speech in secondary schools.

MAJOR: (42 hrs.): This includes Speech 100, 200, 212, 221, 222, 231, 321, 411, and 412; English 300, 331, 360, and four hours of electives in literature.

MINOR: (24 hrs.): This includes Speech 100, 200, 212, 221, 231, 321, 411, and 331 or 412.
100—BASIC SPEECH 3 hrs. cr.
Designed to develop an understanding of the basic principles of speech and proficiency in their use. The speech situation in both formal and informal contexts is studied. Offered annually.

200—ORAL INTERPRETATION 3 hrs. cr.
Aimed to develop adequate mental and emotional responsiveness to the meaning of literature and the ability to express that meaning through the use of imagery, mood, and theme. Offered annually.

212—ACTING 3 hrs. cr.
A study of the principles and techniques of acting. Laboratory experiences. Offered annually.

221—ARGUMENTATION AND DEBATE 3 hrs. cr.
A study of the principles and procedures of debating, including rational decision making, the use of evidence in support of logical arguments, and refutation. Offered annually.

222—THEORY AND PRACTICE OF ORAL PERSUASION 3 hrs. cr.
Methods for altering beliefs, attitudes, feelings, and behavior through speech. Offered annually.

231—VOICE AND PHONETICS 3 hrs. cr.
Speech training with special emphasis on meaningful patterns of voice and articulation in American speech. Offered annually.

302—ADVANCED ORAL INTERPRETATION 3 hrs. cr.
Designed to give advanced study in the oral interpretation of literature. Group reading emphasized. Prerequisite: Speech 200 or by permission of the instructor. Offered annually.

321—RADIO AND TELEVISION 3 hrs. cr.
An investigation of the radio and television media. Opportunity will be provided for actual participation in programs and activities. Offered annually.

331—THEATRE HISTORY AND LITERATURE 3 hrs. cr.
A survey of the periods and personalities of drama, examined in relation to the dramatic and social conventions of the period. Offered annually.

342—SPEECH PATHOLOGY AND AUDIOLOGY 3 hrs. cr.
Current thought relating to the etiology and treatment of speech and hearing disorders. Practical for prospective elementary teachers as well as speech majors. Offered 1969-70.

351-352—INTERCOLLEGIATE DEBATING 1 hr. cr.
Open only to those who participate in intercollegiate debating and by permission of the instructor. A maximum of eight hours may be acquired for credit. Offered annually.
362—REligious Drama 3 hrs. cr.
The development of church drama and a consideration of its proper place and function in the church program. Available materials, costuming, and other special problems are discussed. Offered 1968-69.

371—Advanced Public Address 3 hrs. cr.
A consideration of how men command themselves in controlling society through speech. Attention is given to the speaker, his subject matter, and his audience. Offered annually.

402—Speech Science 2 hrs. cr.
Surveys various sciences with attention to the integration of those disciplines as they relate to the speech skills. Prerequisite: Speech 231. Offered 1968-69.

411—Play Directing 3 hrs. cr.
The bases, procedures, and problems of play direction. Laboratory experience provided. Prerequisite: Speech 212 or by permission of the instructor. Offered annually.

412—StageCraft and Design 3 hrs. cr.
The technical phases of play production. Deals with design, construction, and painting of scenery, costuming, lighting, and make-up. Laboratory experience. Offered 1968-69.

422—Radio and Television Production 2 hrs. cr.
A correlation of radio and television laboratory work culminating in the direction and production of commercial programs. Research papers in various areas of communication may be presented. Offered annually.

441-442—Honors 1 or 2 hrs. cr.
Open to majors and minors who have a B average in the field of study and with permission of the head of the department.

451—Seminar 2 hrs. cr.
A study of basic rhetorical principles with an emphasis on the classics.
Pre-Professional Courses

Liberal arts education emphasizes the learning which is desirable for all students who would grow into mature persons and citizens of a democratic society. However, this is also basic preparation for the various professions and vocations. Taylor University offers pre-professional courses in several areas; some of them are affiliation programs with the state universities.

BUSINESS ADMINISTRATION COURSE

Taylor University offers the liberal arts portion of an affiliation program in business administration with Indiana University's School of Business. It leads to the Master of Business Administration degree. Students spend three years at Taylor, completing ninety-five hours of the Bachelor of Arts course. If the student maintains a scholastic standing of 2.6 or higher and meets all other entrance requirements, he will be admitted to the University for a two and one-half year program. Upon the successful completion of the first year, he will receive the Bachelor of Arts degree from Taylor University, and upon the successful completion of three additional semesters, Indiana University will grant the Master of Business Administration degree.

Another alternative is to spend only one year at Indiana University, receiving the degree from Taylor. A scholastic standing of at least 2.0 is required in this program.

PRE-ENGINEERING COURSE

Taylor University participates in affiliation programs with Purdue University and with New York University. Students should complete Taylor requirements in three years on the Taylor campus and will normally do at least two years of residence work at the affiliate university. Upon completion of requirements for a degree in engineering at the affiliate university, Taylor University will grant the Bachelor of Arts degree.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Cr. Hrs.</th>
<th>Sophomore Year</th>
<th>Cr. Hrs.</th>
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<tbody>
<tr>
<td>English 100</td>
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<td>Physics 211, 212</td>
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<td>Mathematics 131, 232</td>
<td>8</td>
<td>Mathematics 241, 342</td>
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<td>Elective</td>
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<td>Phys. Education</td>
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<tr>
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<td>3</td>
<td>Bible</td>
<td>4</td>
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<tr>
<td>Phys. Education</td>
<td>2</td>
<td>Psychology 200 (or Geography)</td>
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<tr>
<td>Physics 311, 312</td>
<td>8</td>
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<tr>
<td>Fine Arts 230</td>
<td>3</td>
</tr>
<tr>
<td>Physics (Inter-term)</td>
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</table>
Speech 100 is required by Purdue only.

Alternate junior-year courses in Physics (or Chemistry) may be deemed more appropriate for certain engineering curricula.

**PRE-NURSING COURSE**

Taylor University is prepared to offer the first year's program which will meet the general education requirements for a Bachelor of Science degree in Nursing. The student must transfer to another college at the end of the first year (usually), if he expects to complete the prescribed course in the given school's designated time for a Bachelor of Science in Nursing.

**PRE-MEDICAL COURSE**

When possible, the student should select his medical school at the beginning of the junior year in order that he may meet specific entrance requirements. It is necessary to maintain a B average to qualify for admission to medical school.

A pre-medical student may take a major in either chemistry or biology. The departmental requirements are given elsewhere in this bulletin.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Cr. Hrs.</th>
<th>Sophomore Year</th>
<th>Cr. Hrs.</th>
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<td>Chemistry 201, 202</td>
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<td>Biology 211, 212</td>
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<td>Religion 120</td>
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<td>Psychology 200</td>
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<td>German or French</td>
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<tr>
<td>Phys. Education</td>
<td>2</td>
<td>Fine Arts 230</td>
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<td>Psychology 101</td>
<td>1</td>
<td>Phys. Education</td>
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<td>History</td>
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<td>Electives</td>
<td>6-8</td>
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</table>

**PRE-LAW COURSE**

The best preparation for graduate training in the field of law is a regular four-year college course leading to the Bachelor of Arts degree. The major should be chosen in consultation with the pre-law adviser.

Graduates who have followed this course of study and who have earned above-average grades generally may enroll in any one of several nationally-recognized law schools.

**PRE-THEOLOGICAL COURSE**

This curriculum is based on standards which are suggested for seminaries by the American Association of Theological Schools.
The Curriculum

Freshman Year  Cr. Hrs.  Sophomore Year  Cr. Hrs.
English 100  4  Literature  4-5
Religion 120  4  Language  6
Language (Greek preferred)  3  Science  8
Sociology  4  Psychology 200  3
History  4  Philosophy  3
Phys. Education  2  Fine Arts 230  3
Psychology 101  1  Phys. Education  2

Junior Year  Cr. Hrs.
Phil. 350 or Rel. 461 and  5-6  Major  12
Phil. 272  3
Speech  3
Major  12
Minor  6

Senior Year  Cr. Hrs.
Major  10
Electives  8-10

Religion, philosophy, psychology, history, English, social science and sociology are recommended as major fields. Music, speech, philosophy, social science and religion are good electives.

PRE-MEDICAL TECHNOLOGY COURSE

The registry of medical technologists requires three years of college work as minimum pre-professional preparation. Upon the completion of this program at Taylor University and twelve months of medical technology training at an approved hospital, plus passing the registry examination, the Bachelor of Arts degree will be granted. The student will receive a Certificate of Medical Technology after taking the registry examination given by The American Society of Clinical Pathologists.

Chemistry and biology are satisfactory fields from which to choose a major (20 hours) and a minor (16 hours).

Freshman Year  Cr. Hrs.  Sophomore Year  Cr. Hrs.
English 100  4  Bible  4
Chemistry 201-202  8  Language  6
Language  6-8  Biology 212  4
Religion 120  4  Chemistry 301  5
Phys. Education  2  Sociology  3
Psychology 101  1  Phys. Education  2
Mathematics  3
History  4

Junior Year  Cr. Hrs.
Literature  5-6
Philosophy 350  5
Biology 371  4
Chemistry 4-5
Fine Arts 230  3
Biology 241-242  8
Psychology 200  3
Record of Degrees Conferred

May 1967

Alfred A. Whittaker Doctor of Literature New York, New York
Francis C. Thomas Doctor of Divinity Allentown, Pennsylvania
Herbert Ann S. Duemling Doctor of Literature Fort Wayne, Indiana
Samuel F. Wolgemuth Doctor of Divinity Wheaton, Illinois

BACHELOR OF ARTS

Swen Egenes Abrahamsen Ben Bill Lester
Richard Douglas Anderson Jerald Carl Lindell cum laude
Donald Allen Barsley Lanny Don Lasure
Ingrid Ann Boris Barbara Blair Laugh
Timothy Joel Battles Robert Bradford Lovell
Paul David Bauer Kathleen Louise Luedele
Lawrence Oliver Bennett cum laude John Gibson Maybrey
Raymond Darlington Benson John William McDougall
Robert Ira Blixt Joseph Emerson Miller
Ruth Eleanor Bromley Luther Charbonnier Miller
Sheldon Wayne Burkhalter Lynn E. Miller
Peter Wilbur Carlson David Paul Myers cum laude
Philip Dall Carman William Dallas MRI
Beverly Jan Cauble Carolyn Suzanne Oman
Clifford Ivey Cox Russell J. Potter
Lane R. Crosby David Clark Randall summa cum laude
Richard A. Cummins Jack Allen Rozelle
Richard Bradford Davis, Jr. Dale Leslie Rust
Roger T. Demarest Thomas James Schultz
Martin Dayle Dickey Ann Lynnette Senef
David Lucien Dilley Christie Ellen Shofer
John Richard Ebright summa cum laude Frederick Henry Shearer, Jr.
Gary Wayne Exman Samuel Arthur Shellhammer cum laude
Susan Jane Fielitz Robert Pierce Shuler
Donna Jean Fridstrom cum laude Marvin Hubert Skillman, Jr.
Kenneth B. Frook Howard Ward Smith
Bruce Wayne Gaff magna cum laude Rosalie Kay Smith
Gerald Robert Goffin cum laude Leslie Clair Squires
Richard Bruce Graham Eileen Grace Starr
Richard Wayne Gygi Charles Clayton Stevens
William Paul Hannaford James Edward Strong
Walter Ray Harvey Allan Gordon Thieszen
Michael Allen Haynes Sandra Humble Townsend
Larry W. Heintzelman Schuyler Townsend
Carol Jean Helfrick Janet Gayle Tuthill
Lynn Warren Hollenbach Joan Darlene Wagner
Ruth Ann Rock Houser Thomas Ulmont Watson
Sheryl Ann Hummel Franklin James Weaver
Claire Elaine Johnson Michael Charles Weeks
Gene David Kellner Barry William Wehrle
Paul Julius Konschak Ludwig Steven Wilhelmsen
William Arthur Krick cum laude Kenneth Graybill Wolgemuth
Kathleen Sue Kubik cum laude Roy C. Woodcock cum laude

BACHELOR OF SCIENCE IN EDUCATION

Janet Louise Aichele Edward John DeVries
Richard Munson Anderson Donald Keith Doudt
Marjorie Elaine Andes Noelle Duling
Carol Ann Batdorf cum laude Marcia Lynn Edgett
Carol Ann Bauders Robert Curtis Eller
Beverly Ann Boldt Charmaine Ruth Elliott
David Lowell Bowremerter Bonnie Jean Fisher
Stephen Mark Bowman Susan Gardner
Carol Le Buwaldo Beverly Joy Gnade summa cum laude
Carol Ann Chumney Elizabeth Ava Gould
Charlotte Ann Clark Phyllis Mae Grimm cum laude
Paul Brion Cochrane Arnold Gene Grover
Linda Butman Crook III Irene Carol Hageman magna cum laude

121
Gayle A. Honsbrough
Paul Wayne Hanson
Larry Paul Harvey
Jeanne M. Hawk cum laude
Lois Carolyn Herr
Michael Kent Hey
Rachel Lois Haisington cum laude
Allen Ray Johnston
William Minor Kelley
David Nelson Kleinschmidt
Carolyn Elizabeth Krane
Sharon Rose Laughlin
Charles Howard Leach
Rosetta Kay Liechty
Carol J. Marshall
Rebecca Sue Moore
Gwendolyn Irene Moser
Kathryn Jane Myers cum laude
Geraldine M. Nelson
Sharon Diane Osterhus
Robert Gene Overman
Nancy Ann Perkinson
David William Phillips summa cum laude
Ronald Wayne Philpot
Beth Elaine Preston cum laude
Jimmie L. Raikes
Nelson Eugene Rediger

Rachel S. Reedy
Patsy Lou Reiger
JoEllen Sue Rice
Carole Jean Richardson
Mary Lee Rolfs
John Ralph Roush
Margaret June Rowe
Betty Jean Ruckner
Elaine Kay Saunders
Marjorie Sue Schippers
Marilyn Margaret Serpe
Christie Ellen Shafer
Martha Jean Sharp
Frederick Henry Shearer, Jr.
David L. Shewalter
Marcia Ethel Slosson cum laude
Janet Alicia Smith
Sharon Hope Steiner
Sonia Sue Strahm
Linda Joan Sweet
Jayne Merrillyn Tannehill
Jane Carol Van Vessem
Cheryl Lynn Wehling
William Y. Williams
Myrle Jean Yoh
Darlyne E. Young
Sally Ann Zart magna cum laude
# Enrollment Summary

## 1967-1968

### First Semester

<table>
<thead>
<tr>
<th>Category</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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<tr>
<td>Junior</td>
<td>126</td>
<td>120</td>
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<td>Sophomore</td>
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<td>Freshman</td>
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### Second Semester

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<td>Freshman</td>
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<td>4</td>
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<td>5-Year</td>
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<td><strong>Total</strong></td>
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The Alumni Association

The Alumni Association is an organization of graduates, former students, and recipients of honorary degrees of Taylor University. Parents of alumni and spouses who are not alumni are given associate membership. Its purposes are to unite alumni in closer bonds of fellowship, to stimulate loyalty to the university and to strengthen the university by disseminating information concerning her service to the church and society.

Activities of the Association are coordinated by a Board of Directors, members of which are elected for a three-year term. Alumni also elect five members (one each year for a five-year term) to the Taylor University Board of Trustees.

The program of the Alumni Association includes organization of regional Taylor groups, the planning of Homecoming and Alumni Day, and the enlisting of support for Taylor University. This program is carried out by a full-time Director of Alumni Affairs.

ALUMNI ASSOCIATION BOARD OF DIRECTORS 1968-70

Term expires October, 1970
Oliver Steiner
Beulah Coughenour
Walter Randall
Fred Luthy

Term expires October, 1969
Jane Vanzant, secretary
Harold Beattie
Tom Sidey, first vice-president
Larry Leistner

Term expires October, 1968
Edith Driver
Lee Kinzer, president
Tim Burkholder
John McDougall
# Index

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
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<tbody>
<tr>
<td>Academic Adviser</td>
<td>51</td>
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<td>Academic Progress</td>
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<td>22</td>
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<td>117</td>
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<td>68</td>
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<td>57</td>
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<td>Chemistry, Department of</td>
<td>71</td>
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<td>Christian Education</td>
<td>108</td>
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<tr>
<td>Church Music</td>
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<tr>
<td>Classification of Students</td>
<td>53</td>
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<td>College Community Life</td>
<td>32</td>
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<td>Computer Programming</td>
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<td>31</td>
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</table>

126
Contests and Awards .......................................................... 39
Cost of Academic Year ...................................................... 41
Counseling Services ......................................................... 27
Course Numbers .............................................................. 56
Curriculum ......................................................................... 61
Degree Requirements .......................................................... 58
Degrees Conferred .............................................................. 121
Dropping Courses .............................................................. 57
Education, Department of ................................................... 73
Eligibility Regulations .......................................................... 51
Employment, Student .......................................................... 38
Economics, Department of ................................................... 68
English, Department of .......................................................... 76
Enrollment Summary ........................................................... 124
Expenses, Student ............................................................... 41
Faculty .............................................................................. 10
Financial Aid ...................................................................... 34
Food Service ...................................................................... 29
Foreword ............................................................................ 5
French, Department of ......................................................... 84
General Statistics ................................................................. 62
Geography, Department of ................................................... 78
German, Department of .......................................................... 85
Governing Bodies, Student .................................................... 33
Grade Reports .................................................................... 52
Grading System ................................................................... 54
Graduation Requirements ..................................................... 57
Grants-in-Aid ...................................................................... 37
Greek, Department of ............................................................ 79
Health Service .................................................................... 29
Historical Development ....................................................... 19
History, Department of .......................................................... 79
Honor Society, Scholastic ...................................................... 34, 55
Honors, Graduation ............................................................. 54
Honors Program ................................................................... 55
Housing .............................................................................. 27
Housing Deposit .................................................................. 49
Insurance, Student ............................................................... 42
International Student Scholarships ........................................ 36
Junior Year Abroad .............................................................. 55
Late Registration ................................................................. 51
Library ............................................................................... 22
Loan Funds ........................................................................... 37
Location .............................................................................. 24
Mathematics, Department of ................................................. 81
Methodist Student Loans ..................................................... 37
Missions and Church History ................................................ 109
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern Languages, Department of</td>
<td>83</td>
</tr>
<tr>
<td>Music, Department of</td>
<td>86</td>
</tr>
<tr>
<td>Music Education</td>
<td>94</td>
</tr>
<tr>
<td>Music Fees</td>
<td>42</td>
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<tr>
<td>National Defense Loans</td>
<td>38</td>
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<tr>
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<tr>
<td>Organizations, Student</td>
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<td>Orientation</td>
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<td>55</td>
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<td>104</td>
</tr>
<tr>
<td>Publications, Student</td>
<td>34</td>
</tr>
<tr>
<td>Records</td>
<td>52</td>
</tr>
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<td>28, 44</td>
</tr>
<tr>
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</tr>
<tr>
<td>Requirements for Degrees</td>
<td>58</td>
</tr>
<tr>
<td>Room Rates</td>
<td>41</td>
</tr>
<tr>
<td>Scholarships</td>
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</tr>
<tr>
<td>Sociology, Department of</td>
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</tr>
<tr>
<td>Spanish, Department of</td>
<td>85</td>
</tr>
<tr>
<td>Special Services</td>
<td>30</td>
</tr>
<tr>
<td>Special Study</td>
<td>62</td>
</tr>
<tr>
<td>Speech, Department of</td>
<td>112</td>
</tr>
<tr>
<td>Standards for Student Life</td>
<td>31</td>
</tr>
<tr>
<td>Standing Committees of the University</td>
<td>17</td>
</tr>
<tr>
<td>Student Aid</td>
<td>34</td>
</tr>
<tr>
<td>Student Hour Load</td>
<td>56</td>
</tr>
<tr>
<td>Student Personnel Services</td>
<td>27</td>
</tr>
<tr>
<td>Survey of the Fine Arts</td>
<td>61</td>
</tr>
<tr>
<td>Teacher Education</td>
<td>73</td>
</tr>
<tr>
<td>Transcripts of Record</td>
<td>52</td>
</tr>
<tr>
<td>Transfer Student Admission</td>
<td>48, 50</td>
</tr>
<tr>
<td>Tuition</td>
<td>41</td>
</tr>
<tr>
<td>Vocational Rehabilitation Aid</td>
<td>38</td>
</tr>
<tr>
<td>Withdrawals and Refunds</td>
<td>43</td>
</tr>
</tbody>
</table>

128