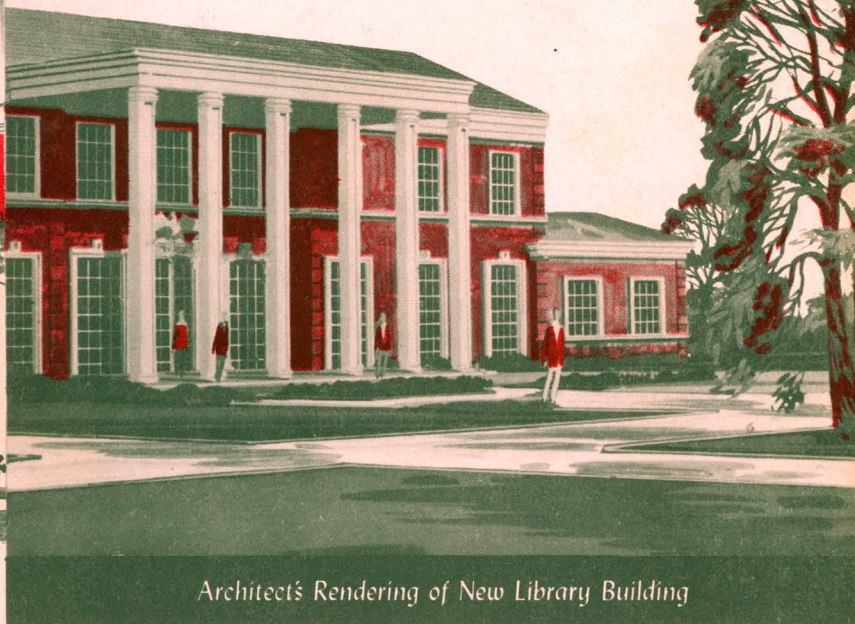
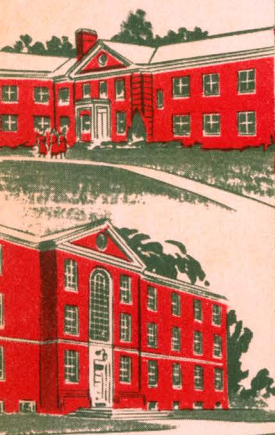


Catalog for
1961-'62

THE
WILLIAM JEWELL
College
QUARTERLY



Architect's Rendering of New Library Building



WILLIAM JEWELL COLLEGE

LIBERTY, MO., SEPTEMBER, 1961

Page 30 - Notes: (a) Unmarried sons and daughters of Baptist missionaries serving on foreign fields are given an award in the amount of the full tuition, \$650.00.
 Page 31 - For Tuition and Fees for non-resident students-\$365.00 per semester

William Jewell College Quarterly

SERIES III

SEPTEMBER, 1961

NUMBER 3

WILLIAM JEWELL COLLEGE

LIBERTY, MISSOURI FOUNDED IN 1849



THE CATALOG

Announcements for 1961-1962

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Calendar 1961-62

1961

OCTOBER						
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College Calendar 1961-62

New students may arrive on the campus Saturday afternoon, September 9, 1961. Students interested in joining a fraternity or sorority are expected to arrive on this date.

1961		
Saturday	Sept. 9	New students arrive. Dormitories will open at 12:00 noon. Supper will be served.
Monday	Sept. 11	Pre-registration conferences with faculty members by appointment.
Tuesday	Sept. 12	Fraternity and sorority rushing continues.
	1:00 P.M. to 4:30 P.M.	Registration for returning upper-classmen.
Wednesday	Sept. 13	Orientation for freshmen and transfer students.
	8:00 A.M. to 4:30 P.M.	Registration for upper-classmen continues.
Thursday	Sept. 14	Registration for upper-classmen concluded.
	8:00 A.M. to 12:00 NOON	Orientation for freshmen and transfer students.
	1:00 P.M. to 4:30 P.M.	Registration for freshmen and transfer students.
Friday	Sept. 15	Registration for freshmen and transfer students.
	8:00 A.M. to 4:30 P.M.	Late registration fee effective 4:30.
Monday	Sept. 18	Classes begin on regular schedule.
	7:45 A.M.	Late payment fee of \$3.00 for settlement of bills effective 12:00 noon.
Tuesday	Sept. 19	Formal opening Convocation.
Friday	Oct. 6	Cut-off date for registration changes.
Friday	Oct. 27	Homecoming holiday.
Saturday	Oct. 28	Homecoming.
Thursday	Nov. 9	Achievement Day.
Wednesday	Nov. 22	Thanksgiving holiday begins. Supper will be served.
	5:00 P.M.	Dormitories close at noon, Nov. 23.
Sunday	Nov. 26	Thanksgiving holiday ends. Dormitories open at 12:00 noon. Supper will be served.
Monday	Nov. 27	Class work resumed.
Wednesday	Dec. 20	Christmas holiday begins. Supper will be served.
	5:00 P.M.	Dormitories close at noon, Dec. 21.
1962		
Tuesday	Jan. 2	Christmas holiday ends. Dormitories open at 12:00 noon. Supper will be served.
Wednesday	Jan. 3	Class work resumed.
Monday	Jan. 22-26	First semester examinations.
Through Friday	Jan. 29-30	Second semester registration for all students.
Tuesday	8:00 A.M. to 4:30 P.M.	
Wednesday	Jan. 31	Second semester classes begin.
	7:45 A.M. to 4:00 P.M.	Late registration and late fee for settling accounts effective.
Friday	Feb. 16	Last day for registration changes.
Tuesday	Feb. 27	Founders' Day Convocation.
Wednesday	April 18	Easter holiday begins. Supper will be served. Dormitories close at noon April 19.
Monday	April 23	Easter holidays ends. Supper will be served. Dormitories open at 12:00 noon.
Tuesday	April 24	Class work resumed.
Thursday	May 10	Senior Class Day.
Monday	May 14-18	Senior examinations.
Through Friday		
Saturday	May 26	Alumni Day.
Sunday	May 27	Baccalaureate Sermon.
Monday	May 28	Graduation Convocation and Conferring of Degrees.
Tuesday	May 29-June 1	Second semester examinations.
Through Friday		
Wednesday	June 6	Summer session begins
Friday	July 27	Summer Commencement.

WILLIAM JEWELL: A LIBERAL ARTS COLLEGE

By WALTER POPE BINNS, *President*

William Jewell College was founded by the Baptists of Missouri in 1849 as a liberal arts college for men, but became co-educational in 1921. It is committed to liberal arts education under Christian auspices.

The function of the College is to give broad liberal education and pre-professional training. Limiting its program to under-graduate work, the College maintains the highest academic standards in preparing students for graduate studies in the universities and for intellectual and moral leadership in a democratic society.

Liberal arts education endeavors to produce cultured, educated men and women for every profession. Such education is concerned with scientific efficiency and also with value judgments.

The technique of education is to bring the eager, aspiring student into contact with the communicating personality of the highly trained and dedicated teacher. An enrollment of approximately a thousand makes possible this closer contact between faculty and students and also develops acquaintance and fellowship between the students themselves.

The College provides a program of faculty counseling which aids students to choose careers for which they have special aptitudes.

William Jewell College is a Christian college affiliated with the Baptist denomination, which means that the administration and faculty are committed to Christian faith and practice. There is no religious test for the admission of students. Student participation in religious activities is upon a voluntary basis.

Location and History

William Jewell College has been located, since its founding, in Liberty, a historic Missouri town, incorporated in 1822, the year after Missouri was admitted into the Union. Settlers came from Virginia and Kentucky. Here a generation later the wagon trains outfitted for the California gold rush. It is a cultured community, largely residential. A placid, friendly town with a population of less than 10,000, Liberty is located only fourteen miles from downtown Kansas City.

The skyscrapers of the city can be seen from the campus. Here on both sides of the Missouri River, is the Heart of America, one of the great metropolitan areas of the Middle West, one of the fastest growing and most diversified industrial centers in the nation. More than a half million people live in Kansas City, Missouri, Kansas City, Kansas, and North Kansas City, Missouri. It is one of the important railroad centers of America. Its great airports are crossroads of the world. The finest and best in entertainment come to Kansas City. The Nelson Art Gallery is one of the most famous in the United States. The Linda Hall Library in Kansas City, and the Harry S. Truman Library and Museum at nearby Independence, are important cultural resources of the community.

Liberty is reached by highways 71, 69, 10 and 33. Greyhound Bus Lines furnish frequent and adequate bus service with Kansas City.

COLLEGE HISTORY DATES FROM 1849

Soon after its organization in 1835, the Missouri Baptist General Association took the initial step for the establishment of a college for young men. In 1843 Dr. William Jewell, of Columbia, Missouri, made to the General Association the conditional offer of land valued at ten thousand dollars for the building and endowment of a college. The offer was accepted in 1848. The legislature granted a charter, which was signed by the Governor on February 27, 1849.

In accordance with the terms of this charter, subscribers to the building and endowment funds met in Boonville for the purpose of selecting a location and deciding upon a name for the institution. After an animated contest, the town of Liberty — county seat of Clay County — was selected, and the new college took the name, William Jewell College.

The College was opened to students (in the old Liberty Academy) on January 1, 1850, with Rev. J. S. Dulin as Principal and Professor of

8 LOCATION AND HISTORY

Ancient Languages, and Rev. T. F. Lockett as Professor of Mathematics. Dr. Dulin served as Principal until the close of the session of 1851-52 when, because of financial embarrassment, the College became a proprietary institution for one year.

In 1853 the trustees resumed control and called to the presidency Rev. R. S. Thomas from a professorship in the State University at Columbia. This administration continued until the summer of 1855, when new financial trouble caused the suspension of college work for the next two years.

The College reopened in the fall of 1857 under the presidency of Rev. William Thompson, LL.D., a graduate of the University of Edinburgh, a scholar of distinction and one of the most brilliant orators of his day.

During the Civil War the College was again forced to suspend classes from August 1861 to May 1863. For a part of this interim, Jewell Hall was in the hands of Union soldiers, who used its second story to house their wounded and the first floor to stable their horses. A monument erected by the class of 1931 marks the location of a battle trench on the slope of the campus west of the Library.

Other presidents since Dr. Thompson and the year each began his service are: Rev. Thomas Rambaut, 1867; Prof. William R. Rothwell as Chairman of the Faculty, 1874; Prof. James Clark as Chairman of the Faculty, 1883; Dr. John Priest Greene, 1892; Dr. David Jones Evans, 1920; Dr. H. C. Wayman, 1923; Dr. John F. Herget, 1928; Dr. H. I. Hester, interim President, 1942; Dr. Walter Pope Binns, 1943.

In 1917 the first women students were admitted, and in 1921 the College became officially coeducational.

In December, 1942, arrangements were made to set up a Naval Flight Preparatory School as a part of the war effort in World War II. The School operated from January 1, 1943, to October, 1944, and trained a total of 2983 aviation cadets.

In July, 1944, a Naval Refresher Unit was established on the campus. Enlisted men were given "refresher" courses in physics, mathematics, English, and history. A total of 728 Navy men were enrolled.

In recent years the campus has been improved, and its facilities enlarged. The removal of Old Ely, a dormitory of long and memorable history, has opened a delightful quadrangle, bounded by Jewell Hall, Greene Administration Building, Gano Chapel, and the Carnegie Library. Enlarged parking space has been provided, and new tennis

courts have been built. The Luther D. Greene Memorial Stadium, built in 1955, accommodates 4,500 spectators. Residence facilities have been enlarged by the addition of Minetry Jones Hall for women (1953), the Robert B. Semple Residence Hall for women (1957), and the James R. Eaton Residence Hall for men (1958).

The William F. Yates College Union, in full use first in 1957-58, is the center of social activity on the campus.

ACHIEVEMENT DAY

Annually since 1944 William Jewell College has set aside the second Thursday in November as Achievement Day. This day has a two-fold purpose: to honor a group of five representative alumni who have achieved distinction in various fields of endeavor; and to set up an educational forum through which members of the student body may receive inspiration and advice from alumni who are leaders in fields in which the students themselves may plan to build their careers. "Citations for Achievement" are awarded the five alumni at a formal convocation, and in the evening they are guests of honor at a banquet at the Hotel Muehlebach in Kansas City, the speaker at which has received an honorary degree at the morning convocation.

Those called back to their *Alma Mater* on November 3, 1959, were: John William Bennett, '23, St. Joseph, Mo.; Robert Clay Edson, '28, Washington, D.C.; Paul Chester Sharrah, '36, Fayetteville, Ark.; Paul Weber, Jr., '34, Springfield, Mo.; and Conn Withers, '28, Liberty, Mo.

Banquet speakers have included Robert Taft, Robert A. Millikin, Rufus von Kleinsmid, Stuart Symington, Norman Vincent Peale, and Billy Graham.

Administration

BOARD OF TRUSTEES

E. E. AMICK, *residence, 6740 Rockhill Road, Kansas City 10, Mo.; business address, 925 Grand Ave., Kansas City 6, Mo.*

Representative, Equitable Life Assurance Society of the United States; president and director, Midland Finance Corporation; director, Y.M.C.A., Helping Hand Institute, Kansas City, Mo.; treasurer, William Jewell College; Baptist.

WILLIAM P. BROWNING, JR., *residence 3108 West 67th St., Kansas City 13, Mo.; business address, Live Stock Exchange Building, Kansas City 2, Mo.*

President, William P. Browning and Son, ranch management and live stock; vice-president, Board of Trustees of William Jewell College; Baptist.

R. E. COOPER, *residence, 3708 Roanoke Road, Kansas City 11, Mo.; business address, 311 West 14th St., Kansas City 5, Mo.*

Secretary-treasurer, Cooper-Jarrett, Inc. Motor Freight Lines; Baptist.

JOE E. CULPEPPER, *residence, 630 West Meyer Boulevard, Kansas City 13, Mo.; business address, Dwight Building, Kansas City 6, Mo.*

Vice-president and director, Spencer Chemical Company, Kansas City, Mo.; Baptist.

CHARLES E. CURRY, *residence, 3800 Baltimore, Kansas City 11, Mo.; business address, 20 West Ninth Street, Kansas City 5, Mo.*

President, Mid-America Fire and Marine Insurance Co.; president, Charles F. Curry and Company; president, Charles F. Curry Real Estate Company; chairman, Executive Committee, Home Savings Association of Kansas City; director, Federal Home Loan Bank of Des Moines, Des Moines, Iowa; member, Executive Committee of Southern Baptist Convention; member, Executive Board, Missouri Baptist Convention; Baptist.

CHARLES F. CURRY, *residence, 1227 West 64th Terrace, Kansas City 13, Mo.; business address, 20 West Ninth Street, Kansas City 5, Mo.*

Chairman of the Board, Charles F. Curry and Company; president, Mid-America Investment Company; chairman of the Board of Directors, Home Savings and Loan Association, Kansas City, Mo.; vice-president, Baptist Memorial Hospital, Kansas City, Mo.; trustee, Midwestern Baptist Theological Seminary, Kansas City, Mo.; mortgage banker, builder, land developer; president, Board of Trustees of William Jewell College; Baptist.

GRANT DAVIS, *business address, 704 Medical Arts Building, Springfield, Mo.*

Partner, Grant Davis Insurance Agency, Springfield, Mo.; past president, Missouri Baptist Brotherhood; teacher, Men's Bible Class, First Baptist Church, Springfield, Mo.; Missouri member, Southern Baptist Brotherhood Commission; Baptist.

HOMER EARL DELOZIER, *residence, 1700 Bellevue, St. Louis 17, Mo.; business address, 3526 Washington Blvd., St. Louis 3, Mo.*

Minister; Executive Secretary, St. Louis Baptist Mission Board, 1955; president, St. Louis Baptist Minister's Conference, 1946, Missouri Baptist Minister's Conference, 1948; president of board of managers, Missouri Baptist Children's Home, 1949-52; trustee, Home for Aged Baptists, 1950-51; moderator, St. Louis Baptist Association, 1952-53; president, St. Louis Mission Board, 1953-54; secretary, executive committee, Missouri Baptist Hospital, 1955; Baptist.

ARTHUR L. LAND, *residence, 6311 West 91st, Route 1, Overland Park, Kansas; business address, 71st and Wyandotte, Kansas City 14, Mo.*

President, Southwest Acceptance Corporation; vice-president, Land-Sharp Chevrolet Company; president, Board of Trustees, Baptist Memorial Hospital, Kansas City, Mo.; Baptist.

W. C. LINK, JR., D.D., *residence, 232 North Lightburne Street, Liberty, Mo.*
Minister; pastor, Second Baptist Church, Liberty, Mo.; Baptist.

W. W. MARTIN, *residence, 5540 Delmar Boulevard, St. Louis 12, Mo.;*
Vice-president, Board of Managers of Missouri Baptist Hospital; Baptist.

FRED H. PILLSBURY, *residence, 680 South McKnight Road, Ladue 24, Mo.; business address, 1806 Pine St., St. Louis 3, Mo.*

Industrialist; president, Century Electric Co., St. Louis, Mo.; Baptist.

ALBERT L. REEVES, A.B., B.S.D., LL.D., *residence, 3654 Belleview, Kansas City 12, Mo.; business address, 615 U. S. Courthouse, 815 Grand, Kansas City 6, Mo.*

Attorney; former member, Missouri House of Representatives; former counsel, Missouri Insurance Department; former commissioner Supreme Court of Missouri; judge, United States District Court, retired; honorary member, Missouri Chapter, Order of the Coif, Phi Delta Phi, Lawyers Association of Kansas City; Missouri Bar Association, American Bar Association; Baptist.

WILLIAM T. SEMPLE, Ph.D., LL.D., *business address, Dixie Terminal Building, Cincinnati, Ohio.*

Educator, financier, philanthropist; trustee, Charles Phelps Taft Memorial Fund; general director, University of Cincinnati Excavations in the Troad; former president, American Association University Professors; Baptist.

J. NEIL SMITH, *residence, 6449 Overbrook Road, Kansas City 13, Mo.; business address, 20 West 9th St., Kansas City 5, Mo.*

Vice-president and director, Continental Research Corporation; director, Employers Reinsurance Corporation, Washington Water Power Co., Helping Hand Institute; Baptist.

12 ADMINISTRATION

ELLIOTT C. SPRATT, *residence, 706 South 13th St., St. Joseph, Mo.; business address, Hillyard Chemical Co., St. Joseph, Mo.*

Secretary, Hillyard Chemical Company; vice-president, The Hillyard Sales Co., Eastern; retiring president and director, Manufacturers Division of the National Terrazzo and Mosaic Association; vice-president, Industrial Division, St. Joseph Chamber of Commerce; past president, director and member of Executive Committee of Producers' Council; Board of Governors, Missouri Baptist Hospital, St. Louis; Board of Trustees, Baptist Memorial Hospital, Kansas City, Mo.; Baptist.

HARVEY M. THOMAS, Ph.D., *residence, 617 Jefferson Circle, Liberty, Mo.*
Psychological Consultant to Management. Partner: Thomas and Associates; Baptist.

REX M. WHITTON, *residence, 323 Washington, Jefferson City, Mo.; business address, State Highway Building, Jefferson City, Mo.*

Civil Engineer; Chief Engineer, Missouri State Highway Department; Baptist.

CONRAD R. WILLARD, Th.D., *residence, 6021 McGee Street, Kansas City, Mo.*
Minister; Pastor, Calvary Baptist Church, 3921 Baltimore, Kansas City, Mo.; past First Vice President, Southern Baptist Convention; Trustee, Midwestern Baptist Seminary and Baptist Memorial Hospital, Kansas City, Mo.; President, Missouri Christian Civic Foundation; Baptist.

GEORGE J. WINGER, *residence, 600 East 47th Terrace, Kansas City, Mo.; business address, Waltower Building, 823 Walnut, Kansas City 6, Mo.*

Attorney; director, Helping Hand Institute, Kansas City, Mo.; Baptist.

WILLIAM F. YATES, *business address, Exchange Bank of Richmond, Richmond, Mo.*

Banker; Chairman of the Board, president and director of Exchange Bank of Richmond, Mo.; president and director, Richmond Loan and Realty Company; director, Richmond Savings and Loan Association; treasurer and director, the Sunnyslope Cemetery Company, Richmond, Mo.; President and Director, Ray Land Co.; Baptist.

TRUSTEES EMERITUS

DR. HUBERT EATON, *Forest Lawn Memorial Park, Glendale, California.*
JOHN B. WORNALL, *824 West 61st St., Kansas City 13, Mo.*

OFFICERS OF ADMINISTRATION

WALTER POPE BINNS, A.B., Th.M., D.D., LL.D., *President*, Greene Hall, 300-302.

MINETRY L. JONES, A.B., *Vice-President*, Greene Hall, 303.

JOHN A. POND, B.B.A., M.B.A., *Vice-President in charge of Business Administration*, Greene Hall, 307.

GARLAND F. TAYLOR, B.A., M.A., Ph.D., *Dean of the College*, Greene Hall, 205-206.

JOSEPH C. CLAPP, A.B., B.D., Th.M., Th.D., *Director of Public Relations*, Greene Hall, 101.

E. W. HOLZAPFEL, A.B., M.S., *Dean of Students, Director of Guidance and Placement*, Greene Hall, 104.

CATHERINE W. BATES, A.B., M.R.E., *Dean of Women*, Greene Hall, 203-204.

F. M. DERWACTER, A.B., B.D., S.T.M., Ph.D., *Registrar*, Greene Hall, 207.

E. E. AMICK, *Treasurer*, 925 Grand Avenue, Kansas City, Mo.

ALFORD W. COFFMAN, *Assistant Treasurer*, Greene Hall, 209.

TOM BRAY, A.B., B.D., S.T.M., *Director of Religious Activities*, Marston Hall.

OPAL CARLIN, A.B., B.L.S., *Librarian*, Library, North Office.

GLENN W. HENDREN, M.D., *College Physician*, 112 N. Water St., Liberty.

ROBERT S. TROTTER, A.B., B.D., Ph.D., *Secretary of the Faculty*, Jewell Hall, 112.

Faculty

(The date after the name indicates the year of the first appointment to the faculty.)

WALTER POPE BINNS, 1943; *President of the College*.

A.B., Mercer University, 1918; Th.M., Southern Baptist Theological Seminary, 1923; D.D., Mercer University, 1929, LL.D., 1947; LL.D., Occidental College, 1951; LL.D., Tulane University, 1956.

ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics

FREDERICK MILTON DERWACHTER, 1928; *Head of Department and Professor of Greek*.

A.B., Denison University, 1912; Graduate Student, Harvard University, 1913-14; B.D., Newton Theological Institution, 1915, S.T.M., 1916; Ph.D., University of Chicago, 1928.

OLIVER C. PHILLIPS, JR., 1955; *Associate Professor of Latin*.

B.S., in Ed., University of Kansas, 1950; M.A., University of Missouri, 1954. Candidate for Ph.D., University of Chicago.

ART

WILLIAM R. JOHANSEN, 1960; *Instructor in Art*.

Candidate for B.F.A., Kansas City Art Institute, 1961.

BIOLOGY

LELAND JACOB GIER, 1941; *Head of Department and Professor of Biology*.

B.S., Kansas State Teachers College, Pittsburg, 1928, M.S., 1931; A.B., Kansas State Teachers College, Pittsburg, 1934; Ph.D., Duke University, 1940.

OLIVE ELIZABETH THOMAS, 1936; *Associate Professor of Biology*.

A.B., William Jewell College, 1929; A.M., University of Missouri, 1941. Further graduate study, University of Missouri, University of Michigan, U.C.L.A.

CHARLIE F. J. NEWLON, 1956; *Instructor of Biology*.

A.B., William Jewell College, 1956. (On leave, 1960-62.)

HAROLD L. MOMBERG, 1960; *Associate Professor of Biology*.

B.S., Central Missouri State College, 1951; M.S., University of Missouri, 1955; Ph.D., 1961.

OWEN THOMAS LIND, 1960; *Assistant Professor of Biology*.

A.B., William Jewell College, 1956; M.S., University of Michigan, 1960.

CHEMISTRY

The James Andrew Yates Department of Chemistry

FRANK GEORGE EDSON, 1929; *Head of Department and Professor of Chemistry*.

A.B., William Jewell College, 1925; A.M., University of Colorado, 1929, Ph.D., 1933.

JOSEPH P. HUSELTON, 1954; *Associate Professor of Chemistry*.
B.S., Lafayette College, 1937; M.S., University of Illinois, 1947,
Ph.D., 1950.

ECONOMICS, BUSINESS ADMINISTRATION, AND POLITICAL SCIENCE

KERMIT C. WATKINS, 1956; *Head of Department and Professor of Economics*.

A.B., William Jewell College, 1931; M.A., Colorado A. and M. College, 1932; Ph.D., University of Kansas, 1955.

EVERETT P. TRUEX, 1952; *Associate Professor of Economics*.

A.B., William Jewell College, 1942; M.A., University of Missouri, 1946. Ph.D., University of North Carolina, 1961.

WILLIAM W. ADAMS, JR., 1955; *Associate Professor of Political Science*.

B.A., University of Kansas, 1951, M.A., 1954. Candidate for Ph.D., Columbia University.

EDUCATION

THURSTON FAYETTE ISLEY, 1930; *Head of Department and Professor of Education*.

A.B., William Jewell College, 1928; M.Ed., University of Kansas, 1930. Further graduate study, University of Kansas, University of Wisconsin, University of Missouri, University of Wyoming.

LUTIE CHILES, 1950; *Professor of Education*.

A.B., William Jewell College, 1940; M.A., Northwestern University, 1947. Further graduate study, New York University, University of Hawaii.

MRS. EDNA MAE MITCHELL, 1955; *Assistant Professor of Education*.

A.B., William Jewell College, 1952; M.A., University of Kansas City, 1956. Further graduate study, University of Colorado.

JUDITH LEE KNOX, 1960; *Assistant Professor of Elementary Education*.

B.S., Southwest Missouri State College; M.R.E., Carver School of Missions and Social Work, 1953.

ROBERT F. WICKE, 1961; *Associate Professor of Education*.

B.A., University of Kansas City, 1949; M.A., 1950, Ed.D., University of Kansas, 1961.

ENGLISH

The John Phelps Fruit Department of English

HERMAN P. WILSON, 1957; *Head of Department and Professor of English*.

B.A., Carson-Newman College, 1951; M.A., University of Tennessee, 1953, Ph.D., 1956.

VIRGINIA DAVENPORT RICE, 1930; *Associate Professor of English and Dramatics*.

A.B., William Jewell College, 1928; A.M., University of Kansas, 1932. Further graduate study, University of Kansas, University of Wisconsin, Union Theological Seminary, U.C.L.A.

16 FACULTY

GEORGIA B. BOWMAN, 1947; *Director of Forensics and Professor of Journalism*.

A.B., William Jewell College, 1934; B.J., University of Missouri, 1937; A.M., State University of Iowa, 1941; Ph.D., University of Iowa, 1956.

MRS. DONNA R. FOX, 1960; *Assistant Professor of Speech and Psychology*.
B.A., University of Washington, 1948; M.A., University of Iowa, 1949. Further graduate study, Northwestern University, 1954, and University of Arkansas, 1955.

J. GORDON KINGSLEY, 1960; *Assistant Professor of English*.

B.A., Mississippi College, 1955; M.A., University of Missouri, 1956; B.D., New Orleans Baptist Theological Seminary, 1960.

RUSSELL KEELING, 1960; *Instructor in English and Speech*.

B.S., Southwest Missouri State College, 1958; M.A., Baylor University, 1959; Midwestern Baptist Theological Seminary (further study).

WILLIAM A. SPIDELL, 1961; *Assistant Professor of English*.

A.B., West Virginia Wesleyan, 1934; A.M., Syracuse University, 1936. Further graduate study, University of Chicago, University of Missouri, University of Iowa.

D. DEAN DUNHAM, JR., 1961; *Instructor in English*.

B.A., Hastings College, 1960; M.A., University of Arkansas, 1961.

MYRA JEAN LANE, 1961, *Instructor in English*.

A.B., William Jewell, 1960; Graduate study, Washington University, 1960.

HISTORY

ULMA ROACH PUGH, 1929; *Head of Department and Professor of History*.

A.B., Baylor University, 1922, A.M., 1925; Ph.D., University of Colorado, 1941.

WILLIAM W. CUTHBERTSON, 1958; *Assistant Professor of History*.

A.B., William Jewell College, 1952; B.D., Southern Baptist Theological Seminary, 1955. Further graduate study, University of Rochester. (Ph.D. Candidate)

MATHEMATICS

LEE ORAN JONES, 1942; *Head of Department and Professor of Mathematics*.

B.S., Henderson Brown College, 1922; A.M., George Peabody College, 1927. Further graduate study, George Peabody College, University of Wisconsin, University of Oregon.

ELMAN A. MORROW, 1947; *Professor of Mathematics*.

A.B., William Jewell College, 1932; A.M., University of Kansas, 1934; Ed.D., University of Wyoming, 1955.

D. VERN LAFRENZ, 1945; *Associate Professor of Mathematics.*

A.B., William Jewell College, 1929. Graduate study, University of Missouri, University of Kansas.

MODERN LANGUAGES

PAUL TRUMAN McCARTY, 1941; *Head of Department and Professor of Modern Languages.*

A.B., University of Arizona, 1930; A.M., University of Wisconsin, 1933. Graduate study, University of Munich, 1936, University of Heidelberg, 1936-37. Ph.D., University of Wisconsin, 1940.

RUTH McDANIEL, 1943; *Professor of Modern Languages.*

A.B., University of Missouri, 1926, A.M., 1928. Further graduate study, The Sorbonne, Paris, France; British-American School of Languages, Santander, Spain; National University of Mexico, Mexico City.

WILBUR J. BRUNER, 1936; *Professor of Modern Languages.*

A.B., William Jewell College, 1932; A.M., University of Kansas, 1933. Further graduate study, University of Mexico, Brown University.

MRS. JULIA A. EL SAMMAN, 1957; *Assistant Professor of French.*

B.A., Wake Forest College, 1954; M.A., Emory University, 1955. Further graduate study, University of Grenoble, France. (On leave, 1961-62.)

ELEANOR J. DAMER, 1960; *Instructor in Modern Languages.*

A.B., William Jewell College, 1957; M.A., Florida State University, 1958. Further graduate study, University of Kansas, 1961.

PHILIP RONALD ROTSCH, 1961, *Assistant Professor of French.*

A.B., William Jewell College, 1958; M.A., University of Indiana, 1959. Graduate study, University of Dijon, France; Ph.D. Candidate, University of Indiana.

MUSIC

HENRY L. CADY, 1955; *Head of Department and Professor of Music.*

A.B., Middlebury College, 1947; Westminster Choir College, 1947-48; M.A., Columbia University, 1952; Ph.D. Candidate, University of Kansas.

EDWARD LAKIN, 1950; *Professor of Music and Director of Band and Orchestra.*

B.S., Northeast Missouri State Teachers College, 1933; M.A., State University of Iowa, 1941. Further graduate study, University of Kansas.

MRS. LYDIA LOVAN, 1946; *Associate Professor of Music.*

Studied piano and organ with Lula Kinsey, Southwest Missouri State College; piano with Dr. William Kraupner, Drury Conservatory of Music; organ with Edna Scotten Billings. A.B., William Jewell College, 1954.

18 FACULTY

- MRS. LETHA O. MILLSOM, 1956; *Assistant Professor of Music*.
B.S., Kansas State Teachers College, Pittsburg, 1936; M.A., University of Kansas City, 1952.
- LOUIS R. RIEMER, 1956; *Instructor in Stringed Instruments*.
B.Mus., Kansas City Conservatory, 1953, M.Mus., 1954.
- MRS. GLORIA SLAGLE, 1957; *Instructor in Music*.
B.Mus., University of Kansas, 1955; M.Mus., Indiana University, 1956; further graduate study Northwest Missouri State College.

PHILOSOPHY

The W. D. Johnson Department of Philosophy

- ROBERT SWAIN TROTTER, 1949; *Head of Department and Professor of Philosophy*.
A.B., Mississippi College, 1944; B.D., Yale University, 1947, Ph.D., 1957.
- W. MURRAY HUNT, 1953; *Professor of Philosophy*.
A.B., William Jewell College, 1945; B.D., Andover Newton Theological School, 1948. Further graduate study, Harvard University.

PHYSICAL EDUCATION

- NORRIS A. PATTERSON, 1950; *Head of Department, Professor and Director of Physical Education, and Coach of Football*.
B.S., Missouri Valley College, 1939; A.M., University of Kansas City, 1952; Ed.D., Columbia University, 1958.
- JAMES A. NELSON, 1950; *Associate Professor and Assistant Director of Physical Education, and Coach of Basketball*.
B.S., Missouri Valley College, 1948; A.M., University of Kansas City, 1953.
- DARRELL W. GOURLEY, 1958; *Assistant Professor of Physical Education*.
B.S., Northeast Missouri State Teachers College, 1949; M.Ed., University of Missouri, 1952. Further graduate study, Indiana University.
- MRS. MARY KINMAN, 1955; *Instructor in Physical Education*.
B.S., in Ed., Northwest Missouri State College, 1951.
- MRS. JUDITH KAY MEGOWN, 1961; *Instructor in Physical Education*.
A.B., William Jewell College, 1961.

PHYSICS

The E. S. Pillsbury Department of Physics

- WALLACE A. HILTON, 1946; *Head of Department and Professor of Physics*.
A.B., William Jewell College, 1933; A.M., University of Missouri, 1939, Ed.D., 1941; M.S., University of Arkansas, 1948.
- ROGER C. CRAWFORD, 1956; *Associate Professor of Physics*.
A.B., William Jewell College, 1951; M.S., Vanderbilt University,

1954. Candidate for Ph.D., Vanderbilt University. Further graduate study, Rutgers University.

PSYCHOLOGY

JOSEPH HARRY GRIFFITHS, 1956; *Head of Department and Professor of Psychology*.

A.B., Lawrence College, 1918; M.A., Northwestern University, 1920; Ph.D., Cornell University, 1923.

MRS. IRALEE R. HARDY, 1960; *Instructor in Psychology*.

A.B., William Jewell College, 1957. Graduate study at the University of Colorado and the University of Kansas City.

RELIGION

The W. D. Johnson Department of Religion

DAVID O. MOORE, 1956; *Head of Department and Professor of Religion*.

A.B., Ouachita College, 1943; B.D., Southern Baptist Theological Seminary, 1946, Th.M., 1947, Th.D., 1949.

BARCLAY NEWMAN, 1960; *Assistant Professor of Religion*.

A.B., Union University, 1953; B.D., Southern Baptist Theological Seminary, 1956; Th.D., 1959.

ROBERT S. ALLEY, 1961; *Assistant Professor of Religion*.

B.A., University of Richmond, 1953; B.D., Southern Baptist Theological Seminary, 1956; M.A., Princeton University, 1960; Ph.D., 1961.

SOCIOLOGY

BRUCE R. THOMSON, 1959; *Head of Department and Professor of Sociology*.

A.B., William Jewell College, 1949; B.D., Southern Baptist Theological Seminary, 1952, Th.M., 1953; M.A., University of Louisville, 1955; Ph.D., Florida State University, 1959.

EARL R. WHALEY, 1955; *Associate Professor of Sociology*.

B.S., in Ed., University of Tennessee, 1949; B.D., Southern Baptist Theological Seminary, 1952, Th.M., 1953; M.A., George Peabody College for Teachers, 1954. Candidate for Ph.D., University of Kansas.

PROFESSORS EMERITUS

ROBERT EARL BOWLES, *Director of Physical Education*, 1912-1947.

JOHN EUSTACE DAVIS, *Professor of Physics*, 1907-1952.

P. CASPAR HARVEY, *Professor of English Composition*, 1920-1958.

ALLEN JEFFERSON MOON, *Professor of Latin*, 1925-1955.

C. WILLARD SMITH, *Professor of Sociology*, 1938-1953.

1961-62 STANDING COMMITTEES OF THE FACULTY
(First named on each committee is the Chairman)

ADMISSIONS — Taylor, Derwacter, Bates, Holzapfel, Phillips, Clapp

ALUMNI ACHIEVEMENT CITATIONS — Pugh, Edson, Bates, Bowman, Hilton

ATHLETICS — Holzapfel, Binns, LaFrenz, Lakin, Patterson, Clapp, Pond, Thomson, M. L. Jones

CATALOG — Clapp, Taylor, Derwacter, Pond, Holzapfel

COMMITTEE ON ENCOURAGING TEACHING AS A PROFESSION
— Hunt, Bowman, Edson, Kingsley

CHAPEL — Moore, Clapp, Bates, Bowman

CHAPEL ATTENDANCE — Cuthbertson, Thomson, Hilton, Damer, Crawford, Phillips, Knox, Chiles, O. Thomas

CURRICULUM — Taylor, Derwacter, Moore, Pugh, Trotter, Bowman, McCarty, Edson, Isley

DISCIPLINE — Binns, LaFrenz, Patterson, Taylor, Moore, Denny Lambert, Jane Ann Hunt, Holzapfel.

FACULTY REPRESENTATIVES ON BOARD OF CONTROL — Clapp, Bowman, Truex, Pond

FACULTY ADVISERS OF STUDENT COUNCIL — Pugh, Truex, Holzapfel, Trotter, Crawford, Thomson

FRATERNITIES AND SORORITIES — Hunt, Derwacter, Bates, Rice, Moore

FRESHMAN INITIATION — Nelson, Isley, Kingsley

HOMECOMING — Clapp, Thomson, Pond, Swearingen, Bates, Holzapfel

LIBRARY — Carlin, Cuthbertson, Gier, Hilton, Hunt, Thomson, Wilson, Taylor

MUSIC AND DRAMATICS — Cady, Bowman, Lakin, Lovan, Millsom, Rice, Slagle

REGISTRATION — Derwacter, Taylor, L. O. Jones, Crawford, Newman

RELIGIOUS ACTIVITIES — Bray, Moore, Bates, Thomson, Alley, Newman, Cuthbertson

SCHOLARSHIPS AND LOANS — Holzapfel, Binns, Bates, Moore, Taylor, Clapp, Pond, M. L. Jones

“WHO’S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES” — Bowman, Cady, Patterson, Moore, Edson, Cuthbertson, Holzapfel, Bates, Derwacter

ADMINISTRATIVE STAFF

- MRS. ANNA ABSHER, *House Director*, Melrose Residence Hall
- MRS. JANIE ALLISON, *Secretary in the Office of Public Relations*, Greene Hall 101
- MISS RUTH BANDY, *Manager, Campus Book Store*, Yates College Union
- MRS. FERNA FAYE BATEMAN, B.S., M.S., *Secretary to the President*, Greene Hall 301
- MRS. DELPHA BRIDGES, *House Director*, Semple Residence Hall
- MRS. PRISCILLA S. CADY, *Secretary in the Office of the Dean of Students*, Greene Hall 104
- MRS. ANN CRAWFORD, *Editorial Assistant, Office of Public Relations*, Greene Hall 101
- MRS. BLANCHE LEE DAMON, *Bookkeeper*, Greene Hall 208
- MRS. CAROL DAVIS, *Secretary to the Assistant Treasurer*, Greene Hall 209
- NEAL DAVIS, A.B., Edina, Mo., *Admissions Counsellor*, Greene Hall 102
- MRS. PATRICIA DILLON, *Secretary to the Registrar*, Greene Hall 207
- MRS. JANICE DRYDEN, *Secretary to the Vice President*, Greene Hall 303
- MRS. NORMA ELLINGSON, *Secretary in the Office of Public Relations*, Greene Hall 101
- MRS. FAYE ERVIN, *Secretary to the Dean of the College*, Greene Hall 206
- MRS. BONNIE FARRELL, *File Clerk, Office of Public Relations*, Greene Hall 101
- MRS. JANE FERRILL, A.B., *Acquisitions Librarian*, Library
- MRS. DORIS FREEMAN, *House Director*, Ely Residence Hall
- MRS. DEOLA GAIRRETT, *Assistant Registrar*, Greene Hall 207
- STANLEY I. HAYDEN, B.S., M.A., *Admissions Counsellor*, Greene Hall 100
- MRS. HOMER HUFF, *House Director*, Sigma Nu Fraternity
- MRS. DOLA HUGHES, *House Director*, Kappa Alpha Fraternity
- J. ELDON JOHNSON, A.B., *Assistant Director of Admissions*, Greene Hall 100
- MRS. BILLIE LEATHERMAN, *Purchasing Agent*, Greene Hall 306
- MRS. DOROTHY LEE, A.B., *Secretary in the office of the Dean of Women*, Greene Hall 203
- MRS. NELLIE RUTH LINCOLN, *House Director*, Eaton Residence Hall
- MRS. MABLE LOZIER, *Receptionist-Switchboard*, Greene Hall
- MRS. MARY E. MALONE, *House Director*, Phi Gamma Delta Fraternity
- CLAUDE E. MIKKELSON, A.B., M.A., *Admissions Counsellor*, Greene Hall 100
- WOODROW H. MOORE, A.B., B.D., *Admissions Counsellor*, Greene Hall 100
- MRS. MARCIE C. MORGAN, *Secretary in the Office of Admissions*, Greene Hall 100
- MRS. ALICE PERLEE MORROW, A.B., B.S. in L.S., *Cataloguer*, Library
- DEAN NAY, B.S., *Director of Food Service*, Yates College Union

22 STAFF

H. L. PERRINE, *Plant Superintendent*, Greene Hall 102

MRS. OPAL R. PETTY, *House Director*, Jones Residence Hall

MRS. DOROTHY REYNOLDS, *Secretary in the Office of Admissions*

MRS. MYRTLE SHELTON, *House Director*, Lambda Chi Alpha Fraternity

T. RODNEY SWEARINGEN, A.B., *Director of Yates College Union*

MRS. JUANITA TROTTER, A.B., *Secretary to the Dean of Students*, Greene Hall 104

ROBERT E. VAUGHN, *Assistant Director of Food Service*, Yates College Union

MRS. CAROLE YOUNG, *Cashier*, Greene Hall 208

MRS. DOROTHY YOUNG, *Secretary in the Office of Athletic Director, and Athletic Department Business Manager*

Campus

William Jewell College is located on a campus of one hundred six acres of wooded upland just within the northern and eastern corporate limits of Liberty.

CHAPEL

The John Gano Memorial Chapel was named in honor of the Reverend John Gano, who established the First Baptist Church in the city of New York and served as chaplain in the army of George Washington. The auditorium seats 1020 persons. It is equipped with an Allen electronic organ, gift of the Pillsbury Foundation, of St. Louis. It has a large stage for dramatic and musical productions.

Facing the foyer on the main floor, and also on the second floor are the studios and practice rooms of the Department of Music. Below the auditorium and reached by an outside entrance on the east is the Quality Press. On the same level, but with entrance on Mississippi street, are the practice room of the William Jewell Band and the office of the Director.

THE WILLIAM F. YATES COLLEGE UNION

The Yates College Union, center of college social life, is located west of the Chapel and north of the Library. Construction was begun in the fall of 1956 and completed for the college year 1957-58. The Union houses the Cafeteria and other food services, the Cage (snack-bar), and the College Book Store. There are rooms for rest and relaxation, entertainment, informal discussion, and social and speaking engagements. The offices of the Student Senate, the student publications, and the College Union Board are in this building.

THE LIBRARY

The Andrew Carnegie Library, south of the chapel on the west side of the walk, houses more than 77,000 volumes. In the large reading room may be found encyclopedias, dictionaries, and other reference books. The reading room receives regularly 396 selected periodicals. Many of the important magazines are bound for permanent reference.

The library receives United States government publications regularly, and these pamphlets, periodicals, and books are classified and catalogued.

Charles Haddon Spurgeon's private library of 7,000 volumes, which was purchased for the library in 1906, is kept on the shelves as a

separate collection. It is especially useful in the study of Puritan and sixteenth century literature.

Other collections in the library are the "Dr. Louis M. Mertins Collection" of signed manuscripts, first editions, and holographs; the "Ted Malone Collection of Poetry"; the "Hubmaier Collection," photostatic copies made by Dr. W. O. Lewis of the complete writings of Dr. Balthasar Hubmaier, the great Anabaptist reformer; and the "John F. Herget Limited Editions Club Collection." The archives of the Missouri Baptist Historical Society are also housed in the library.

JEWELL HALL

Jewell Hall, first occupied in 1853 and completed in 1858, an outstanding example of Classical Revival architecture, contains the offices and lecture rooms of the Departments of Language and Literature, Philosophy, Religion, History, Economics, Sociology, and Education. The interior of this building, the oldest on the campus, was completely modernized in 1948.

MARSTON HALL

Marston Science Hall, standing on the southern point of "The Old Hill," houses the Departments of Biology, Chemistry, Physics, Mathematics, and Psychology. This building was thoroughly renovated in 1953, and new scientific equipment installed. It is of fireproof construction throughout and especially designed for science work.

The College Museum, on the fourth floor of Marston Hall, is made up of several cases of relics collected by missionaries, many items of historical interest, and a large collection of specimens of natural history used in science classes.

The College Herbarium contains about 20,000 specimens of plants collected from 48 states and more than forty foreign countries.

An area of about five acres has been set aside on the north side of the campus for biology experiments and an arboretum. At present, there are about fifty species of trees, a half-mile of multiflora rose hedge and other shelter for wildlife in the area. Classes in biology and conservation have set up several permanent long-range experiments. Here the students have an opportunity to learn ecological methods and conservation practices under actual field conditions.

GREENE HALL

On the east slope of the hilltop and facing the west is the administration building. Its cornerstone was laid in 1948, and it was occupied

in the summer of 1949. The building is a memorial to President John Priest Greene, and is the gift of Mr. W. D. Johnson, for many years member of the Board of Trustees and its president for a quarter of a century. Greene Hall brings together and adequately houses all the administrative offices of the college. It also provides an assembly room for meetings of the faculty, of the trustees, of alumni and other such groups. The building has fire-proof vaults for college records.

THE PRESIDENT'S HOME

The President's Home, set in a beautiful wooded lawn, was built originally for President Greene. After the beginning of World War II it served in emergency for women's dormitory, then as classroom building, and finally as quarters for the Music Department before the removal of that department to Gano Chapel. Renovated and remodeled, the building again serves its original purpose, and President Binns is able to live on the campus in the traditional president's home.

MELROSE HALL

Melrose Hall, a residence hall for women, stands on a wooded hilltop northwest of the President's Home. It contains accommodations for eighty women, and a modern recreation room.

MINISTRY JONES HALL

On the slope east of Melrose stands a small residence hall to accommodate thirty-eight women. It is of brick construction, completely modern, with generous lounge areas and kitchenettes.

SEMPLE HALL

The Semple residence hall for women is located between Melrose Hall and Jones Hall. It accommodates 121 students. It was open for occupancy in September, 1957.

ELY HALL

On the southeast of the drive that leads from Melrose Hall back to the quadrangle, and just north of the gymnasium, is Ely Hall, a residence hall with accommodations for 136 men. The campus infirmary supervised by a resident nurse and the art center are also located here.

EATON HALL

The James R. Eaton residence hall for men, with a capacity of 124 students, is located just northwest of Ely Hall. It was open for occupancy in September, 1958.

GYMNASIUM

East across the driveway from the chapel is the Brown Gymnasium. This thoroughly modern building contains a maximum-sized basketball court with spectators' galleries, a corrective gymnasium, adequate shower and locker facilities for the entire student body, a tile-finished swimming pool, handball courts, directors' and coaches' offices, and a lecture room.

ATHLETIC FIELD

The athletic field of twenty acres is southeast of the gymnasium. It contains a quarter-mile and a 220-yard straightaway cinder track, and the football field. The field is lighted for night games. Tennis courts are provided near the gymnasium. The college has recently constructed a grass green for individual instruction in golf.

STADIUM

Built in 1955 the Luther D. Greene Stadium is located on the west side of the football field. There is a heated press-box atop the structure and below are concession stands, rest rooms and squad room for the visiting team. The stadium is 66 x 220 and on 32 rows of seats accommodates 4500 spectators. Additional stands across the field make the total seating capacity more than 7000.

HEATING PLANT

A modern central heating plant, north of the gymnasium, has been in use since 1947. Housed in this building are also the shops of the college carpenter, plumber, electrician and other men entrusted with the maintenance of college buildings, equipment, and grounds.

Admission

REQUIREMENTS FOR ADMISSION

Graduates of accredited high schools may apply for admission. In determining admissibility, the Committee on Admissions gives careful consideration to:

1. The standing of the student in his graduating class (rank in the upper half is usually considered minimum).
2. The quality of his high school work, particularly in the junior and senior years.
3. The standing of the school of which he is a graduate.
4. Cumulative test records covering the three most recent years of the candidate's school life.
5. Supporting evidence that the applicant has facility in learning and is mature and industrious enough to work on the level and at the pace required of college students. This will include recommendations from the high school principal and from at least one other informed responsible person.
6. The subject-matter of the courses taken in high school. A minimum of fifteen units exclusive of physical education must be offered. Preference will be given to students who present at least three units in English and two units of one foreign language, plus at least six units from the following: mathematics to or beyond algebra; physics, chemistry, biology, and general science; and history, government, economics, sociology, or psychology. Four units may be from non-academic subjects accepted for graduation from high school.

At the discretion of the Admissions Committee, additional tests may be administered.

Individual consideration is given to veterans and other mature applicants who may not entirely meet all of the stated requirements.

At the time of enrollment, veterans should have their Certificates of Eligibility and Entitlement.

Students transferring from other colleges must provide a statement of honorable dismissal from the college last attended, and a transcript of credits. These should not be presented by the students, but should be sent to the Dean of Students by the college issuing them in ample time to be evaluated prior to actual registration.

The College reserves the right to deny admission to any applicant whose academic history or personal qualifications are in its judgment such as to make him unsuited to college work and living.

HOW TO APPLY FOR ADMISSION

1. Make an application on forms secured from the Director of Admissions. All applications will be formally passed upon by a faculty committee on admissions, and must be accompanied by a non-refundable application fee.

2. Ask the Dean of Students to reserve a room for you in a residence hall. FOR FURTHER DEPOSITS REGARDING ADMISSION SEE PAYMENTS TO THE COLLEGE ON PAGE 32.

3. Have a transcript of your high school credits, or credits from other colleges, if you have attended some other college, together with letters of recommendation, sent directly to the Dean of Students.

4. Each new student is required to present a record of a physical examination before attending classes. The physical examination blanks will be provided by the college.

Note in the college calendar in the front of this catalog the dates for your arrival, for orientation, for registration and the beginning of class work.

ADVANCED STANDING

When students transfer from other colleges, credits will be allowed, in general, only for those courses which would have been taken if the work had been done at William Jewell College. The following regulations will apply in evaluating the work of students who attended other accredited institutions:

1. If the student presents an over-all C average on work taken elsewhere, all credits will be accepted insofar as they apply to the curriculum being pursued at William Jewell.

2. If a student does not present an over-all C average on work taken elsewhere, then only those credits on which the student has made a C or above may be accepted.

3. If a student has been dropped from another institution, but has the privilege of re-entering later, credits on which he has made a C or above may be accepted.

4. William Jewell College will not accept students who have been permanently suspended from another institution.

5. Not more than sixteen semester hours will be accepted for work completed in any one semester.

6. Not more than sixty semester hours of work will be accepted from Junior Colleges, except under unusual conditions; and then never more than sixty-two.

The Dean reserves the right to withhold advanced standing from any student until there has been demonstrated satisfactory scholastic ability in work taken at William Jewell College.

In order to receive a degree from this institution, students with credits from other colleges must complete at least the entire senior year (minimum, thirty semester hours) in residence at William Jewell College.

WILLIAM JEWELL COLLEGE AND VETERANS

William Jewell is certified to enroll students under Public Law 550, which provides for veterans who have served during the Korean emergency. Veterans planning to enter under the provisions of this act should present a certificate of eligibility.

STANDING OF WILLIAM JEWELL

William Jewell College is accredited by the North Central Association of Colleges and Secondary Schools, and is also approved by the American Association of University Women.

Financial Information

1. *Tuition* \$325.00 per semester \$650.00 for 9-months session
for all students other than ministers, unmarried sons and daughters
of ministers, and ministers' wives—for whom the tuition will be
\$177.50 per semester \$355.00 for 9-months session

Notes: (a) Unmarried sons and daughters of Baptist missionaries serving on foreign fields are given an award in the amount of the full tuition, \$600.00.

(b) Students registering for less than 12 semester hours will pay tuition at the rate of \$27.50 per semester hour; except that the tuition for ministers, unmarried sons and daughters of ministers, and ministers' wives will be \$15.75 per semester hour.

(c) All students taking more than 17 semester hours in a semester pay \$13.75 for each credit above 17, except that two hours will be allowed over 17 without extra cost, if in applied music. This allowance applies to band, orchestra, and chorus as well as to individual lessons.

2. *Fees*—Two fees are collected by the College, as follows:

- a. Student Activity fee

\$ 25.00 per semester \$ 50.00 for 9-months session

This fee includes: year book (Tatler), newspaper (The Student), picture, College Union, athletic fee, admission to plays and concert-lecture series. This fee is required of all students registered for credit.

- b. Health Services and Group Insurance fee

\$ 15.00 per semester \$ 30.00 for 12 months

This fee is required of all students registered for credit, except that it is voluntary for students taking five or fewer semester hours.

3. *Board and Room*

\$332.50 per semester \$665.00 for 9-months session

All students who live in a dormitory are required to pay the full amount for board and room. In addition, those men living in Eaton Hall will pay \$5 per semester (\$10 for the 9-months session) to cover the extra costs of air-conditioning during the months of September and May.

Note: All students living in Eaton and Ely Halls will pay a deposit of \$10 upon first registration. At the end of the session, this deposit

will be refunded minus any charges assessed for damages to property.

SUMMARY of amounts to be collected by the College:

For Tuition, Fees, Room and Board* for resident (dormitory) students —

\$697.50 per semester \$1395.00 for 9-months session

For Tuition and Fees for non-resident students —

\$340.00 per semester \$730.00 for 9-months session

EXCEPT that for ministers, unmarried sons and daughters of ministers, and ministers' wives; the charges will be

For Tuition, Fees, Room and Board* for resident (dormitory) students —

\$550.00 per semester \$1100.00 for 9-months session

For Tuition and Fees for non-resident students —

\$217.50 per semester \$435.00 for 9-months session

The College reserves the right to adjust any and all costs should economic conditions warrant.

Music Fees: In addition to tuition charges as provided above, fees for private one half-hour music lessons, for class music lessons, and for instrument rental of all instruments, are as follows:

<i>Activity</i>	<i>Per Semester</i>
Music Majors: one lesson per week	\$25.00
two lessons per week	50.00
Non-Music Majors: one lesson per week	45.00
two lessons per week	90.00
Special Students: one lesson per week	45.00
Piano practice rental: for one period daily	5.00
Organ practice rental: for one period daily	13.50
Stringed instrument rental	5.00
Wind instrument rental	3.00
Voice Class	10.00

The fee for the 9-months session is twice the semester fee.

SPECIAL FEES:

For late registration (see calendar for date effective) \$10.00

For late settlement of charges (see calendar for date effective) 3.00

*These amounts do not include the air-conditioning fee for Eaton Hall; nor the damage deposit for Eaton and Ely Halls.

For change in course after registration, each credit hour	1.00
For students taking either Education 310 — Supervised Student teaching in the Elementary School; or Education 323 — Supervised Student Teaching in High School — there is a special fee of	40.00*
Graduation fee, seniors only, payable at time of fall registration	10.00
For auditing any course, part-time students, per semester hour	10.00
For auditing any course, full-time students, per course	10.00

PAYMENTS TO THE COLLEGE

All students are required to accompany their application with a fee-deposit. No applications are processed without this payment. It is assessed as follows:

Resident Applicants: Students who expect to live in one of the residence halls should submit \$80.00 with their application for admission. \$10.00 is non-refundable because it defrays the cost of processing the applicant's request for admission. The remaining \$70.00 is refunded upon request before June 1. After that date it is refundable only, (1) if the applicant is inadmissible; (2) if the applicant is physically unable to enroll; or, (3) should the college be unable to complete a contract with the applicant (inability to grant a scholarship request or lack of space in residence halls). The \$70.00 is applicable to the student's bill when he completes his registration.

Non-Resident Applicants: Students who do not expect to live in one of the residence halls are required to submit \$30.00 with their application blanks. \$10.00 is non-refundable, because it defrays the cost of processing the applicant's request for admission. The remaining \$20.00 is refundable upon request before June 1. After that date it is refundable only, (1) if the applicant is inadmissible; (2) if the applicant is physically unable to enroll; or, (3) should the college be unable to complete a contract with the applicant (inability to grant a scholarship request).

Summer School Applicants: All summer school applicants not heretofore registered in the college must follow the same admission procedures required of regular students entering the college for the first time. A \$10.00 application fee must be submitted with the application form and the other credentials specified therein. This fee is not refundable.

*Collected by the College for payment to the supervising teacher.

A room reservation deposit of \$50.00 is required, on or before April 15, of all returning students desiring accommodations in one of the college dormitories. It is refundable *only* if the student who is assigned to the room fails to matriculate and the room is occupied at the beginning of the fall semester.

All College charges are made for one semester at a time. The full amount of one semester's charges less credit for deposits is payable at the beginning of the semester.

It is suggested that further deposits might be made prior to the beginning of the school year. These may be made by systematic monthly payments, or by lump-sum payments, and all payments will be receipted and properly credited on the financial books of the College.

Those students desiring to use the College time-payment plan, will pay upon registration one fourth of the amount due, and make a note with approved co-signer for the balance, with the understanding that this total balance will be liquidated in monthly payments by the end of each semester. The College makes a deferment charge of two per cent on the amount of the note. Application for use of deferred (time-payment) plan should be made on or before August 15 for the first semester, or January 15 for the second semester.

REFUNDS

If a student is obliged to withdraw because of protracted illness, certified to by an attending physician, the unused portion of the board paid in advance will be refunded.

Tuition will be refundable for withdrawal, for other than disciplinary reasons, on the following scale which is approved by the Veteran's Administration of the United States Government:

Two weeks or less	80%	During fifth week	20%
During third week	60%	After five weeks	None
During fourth week	40%		

The same refund schedule applies to students reducing their registration below twelve hours.

There is no refund for room rent and all rights to the room are forfeited when vacated. All fees are non-refundable.

No refund of tuition, room or board will be made for a student who is dismissed for disciplinary reasons.

TRANSCRIPTS

Transcripts of credits are not issued until all accounts due the college have been satisfactorily settled with the Treasurer's Office.

HELP IN MEETING EXPENSES

There are several sources from which worthy students may secure assistance in meeting their expenses in college. A number of scholarships are available. A revolving loan fund can be used by a limited number. Students find remunerative work on the campus and in Liberty and nearby Kansas City.

REDUCED TUITION

William Jewell College extends the courtesy of reduced tuition to properly accredited students for the ministry and missionary service and their wives; to unmarried sons and unmarried daughters of ordained ministers. Sons and daughters of foreign missionaries of the Baptist denomination receive tuition free. These students are all charged the same fees as other students.

A meeting of all ministerial and missionary students is held at the opening of the session. A special committee of faculty members and denominational leaders confers with each new student concerning his Christian experience and his call to the ministry. Each student for the ministry must present his ordination papers, or a license to preach, properly issued by the church of which he is a member. The special committee will authorize the reduction in tuition in each case where the requirements are satisfactorily met.

Each ministerial student signs a pledge at the time of registration that should he change his purpose to enter the ministry he will repay the college for the aggregate amount of reduction given him as a ministerial student.

INSURED TUITION PAYMENT PLAN

Arrangements may be made with an outside agency, the "Insured Tuition Payment Plan," to pay College expenses. Details of this plan will be mailed to parents during the summer, or may be obtained upon request to the Dean of Students.

Scholarships

William Jewell College through the generosity of its friends is able to offer a number of scholarships to worthy students of high scholastic rank who would not otherwise be able to secure a college education. Scholarships are awarded by a committee of which the Dean of Students is chairman. Applicants for scholarships (or for grants-in-aid, which are awarded on the basis of need and academic standing) should correspond with the Dean of Students, who will furnish the necessary application forms.

The following regulations govern the award of all scholarships:

1. Each student who receives a scholarship or grant-in-aid (ministerial tuition discount excepted) must be approved by the Scholarship Committee.

2. Scholarships and grants-in-aid are awarded for one year only. Students wishing to be considered for renewal of aid must reapply by April 1 of the expiring year.

3. Unless excused by the Committee for unusual reasons, the holder of a scholarship must maintain a grade point ratio of not less than three. If during any semester he fails to do so, he will lose his award unless he makes a ratio of three or higher in the next semester of residence.

4. Excessive absences from chapel, irregular habits of class attendance, and other evidences of lack of serious purpose are sufficient to cause the withdrawal of scholarship and grant-in-aid assistance. Recipients of such aid should be aware of the trust and responsibility which they accept when they receive it. They are expected to acknowledge and demonstrate their appreciation by meeting fully the opportunities which it provides.

5. Holders of scholarships and grants-in-aid are required to carry at least 15 semester hours of work each semester, unless excused by the Committee on the recommendation of the Dean of Students or of the Dean of the College.

6. Scholarship and grant-in-aid recipients are not allowed to maintain motor vehicles on the campus, unless a need is established to the satisfaction of the Scholarship Committee.

Endowed Scholarship Funds. The following funds have been placed in the hands of the Trustees for investment. The income from these is used to provide scholarships.

<i>Name</i>	<i>Principal</i>
W. B. Ballew (ministerial)	\$1,000.00
Blanchard Fund (ministerial)	2,173.75
George B. Bridges Memorial	5,000.00
Samuel J. Brown Memorial	90.00
James M. Browning	500.00
W. P. and Cora R. Browning Memorial	70,547.33
George S. Bryant	500.00
Margaret Elizabeth Bryant	500.00
Pauline Bryant	500.00
C. M. Buckner	1,000.00
C. M. Buckner Memorial	1,000.00
John L. and Elizabeth Burnham	500.00
Nannie Burns	588.13
Richard A. Bywaters	1,500.00
William W. Bywaters	500.00
Emma A. Campbell	1,000.00
U. S. Campbell	500.00
J. L. Carmichael	500.00
J. C. Carter	1,000.00
Centralia (Mo.) Baptist Church	500.00
Joe L. Clarke	15,236.04
Class of 1908	52.92
Ida Coffman (Juniors)	2,000.00
Harriet M. Cole and Edna Cole	700.00
Emmeline Willis Cromwell	103.72
William P. Crosswhite	500.00
W. A. and Martha Alice Crouch	1,000.00
Crouch Family Memorial	5,000.00
Mary B. Cunningham	38,357.64
Delmar Baptist Church (St. Louis)	6,500.00
James L. and Ruth Downing Memorial	755.10
James R. Eaton Memorial Award	25,000.00
Mary H. Elliott Memorial	1,000.00
W. F. Elliott (Ministerial)	1,000.00
C. J. Elmore	1,490.54
Benjamin and Martha Herndon Ely (Juniors, Competitive)	2,000.00
Frank Ely	500.00
R. C. Ely	500.00

Howard L. and Louise Emerson Memorial (Ministerial)	15,000.00
Donald Deppen Everett	500.00
J. Everingham	500.00
S. Fred Farrar	500.00
First Baptist Church (St. Joseph)	1,500.00
Henry W. Gilliam Memorial	1,000.00
Noah M. Givan	1,000.00
J. P. Graham	500.00
Graham Baptist Church (Skidmore, Missouri)	1,500.00
Cynthia A. Graves (Ministerial)	500.00
Mrs. J. R. Green	500.00
John D. Green (Ministerial)	500.00
Amanda E. Harbaugh	545.77
Wm. C. Harris Mem. (Ministerial)	2,412.85
John F. Herget	1,030.01
John Minor Herget Memorial	2,500.00
Cloice R. Howd Memorial	4,132.03
Humphrey	1,000.00
Elizabeth Price Johnson	1,000.00
Minetry Jones	1,500.00
Kansas City BYPU	550.00
Jennie Lee Memorial	874.64
A. R. Levering (Sophomores)	2,000.00
Maryville Baptist Church	500.00
Mayview Baptist Church	500.00
Thomas F. Melvin (Ministerial)	1,000.00
G. T. Millen	1,500.00
William Johnson Montgomery	500.00
James M. Motley award for a Junior	10,000.00
Northeastern	600.00
Captain Bower Reynolds Patrick Memorial	1,000.00
Garnett M. Peters (Clay County Boys)	5,000.00
Mary Best Peters Memorial (Clay County Boys)	5,000.00
John B. Pew Memorial Fund	537.50
Mrs. Albert L. Reeves Memorial	598.50
William James and Susie Ray Robinson	7,615.00
Roselle Estate	18,734.70
Albert Rowell Scholarship Fund	6,000.00
William M. Senter	1,000.00

Catherine, Janet, John Sillers (Senior, competitive)	1,500.00
Lola Wayland Stamper Memorial	25,000.00
Alexander Trotter	2,500.00
Martha F. Trotter	500.00
Richard E. Turner	1,000.00
Alma Welch Memorial	38.15
William Earl Widner Memorial (ministerial)	10,000.00
W. J. Williamson and Central Church of St. Louis Memorial	1,206.00
John B. Wornall	4,500.00
Wyatt Park Baptist Church (St. Joseph)	500.00

The James R. Eaton Memorial Scholarship Fund. In 1936 Dr. Hubert Eaton donated \$5,000 to establish a scholarship in memory of his father, Professor James R. Eaton, who was a distinguished member of the William Jewell faculty for forty years. In 1957 Dr. Eaton increased this fund to \$25,000 and stipulated that the annual income, which amounts to \$1,000, be used to provide a scholarship each year to a promising student of the College majoring in Chemistry selected from the sophomore or junior class of the preceding year. The income shall be used to provide for all tuition, fees, and other charges incidental to a chemistry major, and board and room. The recipient of the award is to be selected by a committee composed of the Academic Dean of the College, the Dean of Students, the Dean of Women, the Vice President in Charge of Business Administration, and the President of the College. The scholarship may be renewed if in the opinion of the committee the student merits the award.

The Farmers Insurance Group Scholarship. The Farmers Insurance Group has selected a number of independent colleges and universities to whom they award annually a certain sum of money on the basis of the length of service of their employees who are graduates of independent colleges. The sum of \$500 designated for William Jewell College for 1961-62 will be awarded to a student in the Sophomore, Junior or Senior class, who is majoring in Business Administration or one of the recognized liberal arts.

The Marston Scholarship is for graduate study at Brown University, and is available to a William Jewell graduate upon nomination by the William Jewell College faculty. The endowment for this scholarship, which yields about \$200.00 annually, is in the hands of Brown

University and was founded by E. L. Marston, son of the Rev. S. W. Marston, D.D.

The Reynolds Fund. Mr. J. B. Reynolds of Kansas City some years ago gave the College \$100,000 as the endowment of a loan and gift fund. The income from this fund is to assist worthy students preparing for the ministry and missionary service.

Ministerial Education. The college provides directly for limited loans and gifts to assist worthy students preparing for the ministry and missionary service.

The General Motors Scholarship of from \$200 to \$2000 per year is awarded each year to a student entering William Jewell College. This is a competitive scholarship, and the amount given depends upon the demonstrated need of the individual who receives the award. Details about tests and other requirements may be obtained from the Dean of Students, William Jewell College. Application should be made before May 1, for the succeeding academic year.

The David George Rowland Memorial Scholarship Fund provides \$100 per year beginning September 1960 to a promising student of the college majoring in chemistry to be selected from the junior or third class of the preceding year.

The Carrie Hieronymous Scholarship, consisting of the income from a trust fund created by Miss Carrie Hieronymous of Liberty, through her will, in 1957, is awarded to a worthy student. The amount is approximately \$200 per year.

The Ida Coffman Education Scholarship, established by bequest of the late Miss Coffman, is awarded annually to the student selected by a committee composed of the Faculty in Education and the Vice President of the College as the most promising teacher in the junior class in the Department of Education.

LOAN FUNDS

All funds provided by churches or individuals and designated for certain students will be administered according to the wishes of the donors.

Loans to students will be granted only if application is made to the office of the College Treasurer in time for investigation to be made prior to the opening of college each semester.

Endowed Loan Funds. The income from several memorial loan funds is available to worthy students within the restrictions governing each fund. These funds are as follows:

The John E. and Emma J. Campbell Memorial Fund	\$3,500.00
The E. Kemper Carter Student Loan Fund	5,000.00
The Bryant Memorial Fund	1,000.00
The Belch Memorial Student Loan Fund	11,034.97

Revolving Loan Fund. The principal of the following funds is available for loans to worthy students within the restrictions governing each fund:

The Winterowd Student Loan Fund	\$450.00
Children's Home Student Loan Fund	500.00
Englewood Baptist Church (Chicago) Student Loan Fund	125.00
Class of 1915 Student Loan Fund	400.00
Miscellaneous Student Loan Funds	1,073.22
The Allen B. Colfrey Memorial Fund	355.00

National Defense Student Loan Program.

William Jewell College is one of the institutions participating in the National Defense Student Loan Program. For information write to the Dean of Students.

"Insured Tuition Plan" — Student-Parent Loans.

"Tuition Plan" — Student-Parent Loans.

These plans provide for payments directly to the loaning agencies at a reasonable interest rate depending on the number of years selected. They also provide for insurance on the parent during the term of the loan. For further information write to the Dean of Students.

AWARDS

The Faculty Scholarship Award is presented to the graduating senior with the highest scholastic average for his or her entire college career. All academic credits must have been earned at William Jewell College.

The "Dean's Honor" of Sigma Alpha Iota for musicianship, scholastic attainment, and the contributions to the Gamma Psi Chapter at William Jewell College, is awarded by the National Fraternity.

The W. O. Lewis Award. A cash award of \$50.00 to the minister in the senior class who has made the highest scholastic average in his four years at William Jewell College is offered by Dr. Joseph A. Cooper in honor of Dr. W. O. Lewis. It is the wish of the donor that the money be used for the purchase of good books.

The Frank B. Hearne Medal in Chemistry is awarded annually for excellence in the study of chemistry. It is usually given to a senior,

but in exceptional circumstances to an underclassman. At the discretion of the Trustee and with the approval of the recipient, the income of this endowment (\$1,000) may be awarded in cash, as provided in the will of Mrs. Roberta Lee C. Hearne, widow of Frank B. Hearne, whose education was obtained at William Jewell College.

The Cecil R. Martin Athletic Award. A cash award of \$100.00 is given at commencement each year by Mr. Cecil R. Martin of St. Joseph, Missouri, to the outstanding athlete of the year.

The Marion E. Bratcher Award of \$25.00 in cash, given by Marion E. Bratcher, D.D., is presented annually at Commencement to a student of William Jewell College who shall submit the best paper on the subject: "The Practical Qualifications for the Ministry."

The Susie Ray Robinson Poetry Award. This award was endowed by William James Robinson, A.M., D.D., in memory of his wife, Susie Blanche, the youngest daughter of the late David Burcham Ray, D.D., and his wife, Marion James Ray. For particulars consult the head of the English Department.

The John E. Davis-Sigma Pi Sigma Award in Physics is given each year to the student who has made the highest grade for the year in General Physics. The name of the student receiving the award is placed each year on a plaque which hangs in Marston Science Hall. The plaque was presented to the college and the award was first made in 1947.

The Wall Street Journal Student Achievement Award, consisting of a silver medal and one year's subscription to the *Wall Street Journal*, is given to the highest ranking graduating senior in the Department of Economics and Business Administration.

The David Alan Duce Award of \$25.00, given by Dr. and Mrs. Leonard A. Duce in memory of their son David Alan, shall be presented annually to a senior majoring in philosophy who has earned the highest grade in philosophy throughout his or her course.

The James B. Sullivan Memorial is a cash award given by the Psychology Club each year to the junior majoring in psychology who exhibits the greatest promise in the field of psychology and the highest level of scholarship and campus achievement.

The Phi Alpha Theta Award is a scholarship key given annually to a senior member chosen on the basis of scholarship, general leadership, character, chapter activities, and a paper on a historical subject.

The Beta Beta Beta Undergraduate Award is recognition given each year to the student presenting the best research paper in biology. The student's name is inscribed on a plaque which hangs in the biology department.

The Phi Sigma Iota Award is given each year to the senior member chosen on the basis of scholarship, chapter activities, and leadership; a paper on a subject of general interest in the Romance Language field; and potential contribution to the field of Romance Languages. The name of the student receiving the award is placed on a plaque which is displayed in the college trophy case in Gano Chapel. The plaque was presented to the college and the award was first made in 1954.

The Pi Gamma Mu Award is a medal given annually to a major in one of the social sciences who maintains a high scholastic record in all of his work in the social science field, and shows promise of social effectiveness.

The DeWitt Clinton Allen Prize of \$50.00, in English literature, established by Mrs. Juliet Allen Howard in honor of her father, who was graduated from William Jewell College in 1855, is awarded for excellence in the study of literature.

The Josephine Jewell Memorial Award is \$50.00 for excellence in the study of the French language. The amount of this award is allocated one-half to the young man and one-half to the young woman in the first-year French class who have made the best records for the year. The award is made each year at commencement exercises.

The Harold C. Fechner History Award, created by Mr. and Mrs. Rodney V. Byard and Mr. and Mrs. Billy D. Jackson, in honor of their father and father-in-law, is a \$200.00 scholarship award to a sophomore or junior for excellence in History. The recipient, who is chosen on the basis of scholarship, campus citizenship, character, and a paper on a historical subject, must have a 3.0 average or higher in the history courses which he has taken, and in his entire academic program.

The James Marvin Motley Annual Scholarship Award is endowed by Mr. Motley, of the class of 1901. This scholarship of \$400.00 is awarded to a member of the Junior Class who, during his Freshman and Sophomore years, has excelled in scholarship and character.

The George A. Ross Mathematics Award is the income of \$250.00, distributed as First and Second Prizes to "the highest two outstanding students in mathematics in each graduating class."

Registration

Students may register at the beginning of either semester, or at the beginning of the Summer School.

For the first semester of the 1961-62 session, upperclassmen will register Tuesday, Wednesday, and Thursday, September 12, 13, and 14. Freshmen and transferring students will register Thursday and Friday, September 14 and 15.

For the second semester, registration for all students will take place Monday and Tuesday, January 29 and 30, 1962.

Registration, including settlement of all charges at the Treasurer's Office, must be completed by Friday, September 15, for the first semester; or by Wednesday, January 31, 1962, for the second.

ORIENTATION FOR FRESHMEN AND TRANSFERS

From September 12 to 15, a program of lectures, social events, and registration procedures introduces new students to William Jewell College life. Students interested in possible fraternity or sorority membership should arrive not later than Sunday afternoon, September 11. Residence halls will open Saturday noon, September 9. All dormitory residents should be on campus for a meeting at 8:30 a.m., Tuesday, September 12. General Orientation for all students new to this college begins at 8:00 a.m., Wednesday, September 13.

LATE REGISTRATION

Any student who wishes to register later than five days after the dates set forth in the catalog must obtain permission from the Dean of the College. Students enrolling for the first time may have the privilege of registering as late as two weeks after the beginning of classes by obtaining, in addition to the Dean's permission, the approval of the professors under whom they expect to study. These provisions, however, do not cancel the extra fee for late registration, or late settlement of charges.

A fee of five dollars is charged for registration after the dates indicated in the college calendar. For settlement of the whole amount of charges for the semester's expenses after the indicated dates, an additional charge of three dollars is made.

SEMESTER SYSTEM

The semester system, based on the division of the academic year into two semesters of approximately eighteen weeks each, and a summer school of eight weeks, is used. Resident study during any two semesters or four summer schools is the equivalent of one academic year.

UNIT OF CREDIT

The unit of credit is the semester hour, each unit representing one hour of recitation with two or more hours of preparation a week for a period of approximately eighteen weeks. As a rule, two hours of laboratory work count as one hour of class work.

SCHEDULE OF WORK

A normal student course program is sixteen hours a semester. Except in unusual cases, no student is allowed to take more than seventeen hours of work unless he has an average of B or above for the previous semester, and the consent of the Head of the Department in which he is a major, and of the Dean. Students who have heavy outside work schedules are strongly advised to limit the number of credit hours they carry. A heavy outside work schedule, embarked upon prior to registration, will not be accepted as a reason to modify one's study schedule after registration.

A NOTE ON COURSE PLANNING

Students are advised to read with great care the detailed statement of the academic requirements of the College in the section headed "Graduation."

Unless a different specific outline published in this catalogue is being followed, freshmen and sophomores are urged to arrange their programs in accordance with the following typical schedule. Conflicts caused by deviations from this program are not easily resolved.

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
History 115 or 221	3	History 116 or 222	3
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Language, Science or Mathematics 5	5	Language, Science or Mathematics 5	5
Physical Education 101	1	Physical Education 102	1
	<hr/> 16		<hr/> 16

Sophomore Year

Humanities Elective	3	Humanities Elective	3
Social Science Elective	3	Social Science Elective	3
Language*	3-5	Language*	3-5
Science Elective*	3-5	Science Elective*	3-5
Free Elective*	0-4	Free Elective*	0-4
	<hr/> 16-17		<hr/> 16-17

*Students are urged to avoid taking a 5-hour course in language at the same time they take their science requirements. See the "Classification of Courses," for work that may be taken to satisfy the directed electives.

COURSES FOR AUDIT

Students who have an average of C or better may be allowed to audit one course, provided they have the approval of the Dean of the College, the head of their major department, and the teacher of the course concerned. Courses audited require a class card for admission, and will be recorded on the student's permanent record. However, no grade will be recorded, or credit allowed at any subsequent time.

CHANGES IN COURSES

All changes in a course of study must be approved by the Dean, and are *not allowed after the third week* from the beginning of a semester, which is calculated from the *first day of registration*. Exceptions may be made on the recommendation of the College Physician or the Head of the Department in which the student is majoring.

No course may be *added* after the second week following the day all classes start after registration.

Unless a demonstrated error has been made in the student's advisory program, all changes in courses are assessed a charge of \$1.00 for each credit hour involved.

Any student who attends a class which is not listed on the Registrar's card and without the permission of the Dean will receive no credit for such work.

The dropping of a course without the approval of the Dean will carry an automatic penalty of an F grade in the course.

Students who desire to change their major field, once this has been formally declared, should have the concurrence of the heads of the departments concerned and the written approval of the Dean before any change is made.

CLASS SIZE

The College reserves the right to discontinue any section in any course in which the enrollment is not sufficient to justify its being held. This decision rests with the Dean of the College. Generally, sections with fewer than six registrants will not be maintained.

CLASSIFICATION OF STUDENTS

To be classified as a freshman a student must present at least 15 acceptable units of high school credit, as described in Requirements for Admission.

46 REGISTRATION

To be classified as a sophomore a student must have earned at least 24 semester hours of college credit and 48 grade points.

To be classified as a junior a student must have earned at least 60 semester hours of college credit and 120 grade points.

To be classified as a senior a student must have earned at least 90 semester hours credit and 180 grade points.

Credits and Grades

GRADING, EXAMINATIONS, AND GRADE POINTS

1. Grades are expressed by the letters A, B, C, D, F, and W. The first four letters indicate grades ranging in order from 100 percent down to 60 percent. F means failure. WP means withdrew passing, WF means withdrew failing (when a student formally withdraws from the college).

2. Each grade has a grade-point value, as follows: A, 4 grade points per credit hour; B, 3 grade points per credit hour; C, 2 grade points per credit hour; D, 1 grade point per credit hour; F, no grade points. Scholastic averages are computed upon the basis of hours attempted and the total number of grade points earned. For graduation the total number of grade points must be double the number of hours attempted (an average of C).

3. The semester grade is made up by averaging the grade of class work and the grade of final examination. No second examinations are permitted because of failures, except that a senior may be granted one re-examination as a senior privilege.

4. College students average 16 class hours of work per week. Those carrying less than 12 hours of work per week are classified as special students and their tuition is determined by the number of semester hours for which they register. Those carrying more than 17 pay an additional fee per hour. According to government regulations, college students cannot be classified for selective service deferment if they are registered for less than 14 semester hours.

QUALITY OF WORK

A student is expected to secure each semester at least twice as many grade points as the total number of hours for which he is registered.

Student whose over-all academic average is below 2.0 are considered on academic probation.

At the end of the first six weeks a report is made of all freshman students who are doing unsatisfactory work in any class or classes. At the end of the ninth week a report is made of all students doing unsatisfactory work in any class or classes. The Dean receives these reports and takes such steps as are advisable.

In order to remain in this college, a student who has registered for the first time in the first semester of the 1960-61 academic session, or later, must:

1. At the end of his second semester have a minimum grade point ratio of 1.3.
2. At the end of his fourth semester have a minimum grade point ratio of 1.65.
3. At the end of his sixth semester have a minimum grade point ratio of 1.9.

For students registered before the fall of 1960, the respective minimum ratios are 1.0 by the end of the second semester; 1.5 by the end of the fourth; and 1.8 by the end of the sixth.

HONORS

The Honor Roll for each semester will include the names of students who have carried a program of fifteen or more semester hours; who have no grade lower than C in any subject; and who have achieved a minimum grade point ratio of 3.5 (exclusive of chapel attendance credits).

A student who completes the work for the degree with as many as 3.8 grade points for each hour attempted is graduated *Summa cum Laude*, and this is cited with the degree. A student who completes his work with a ratio between 3.5 and 3.8 is graduated *Magna cum Laude*, and this is cited with the degree.

INCOMPLETE WORK

If at the close of any semester a student's grade is reported as "Incomplete," he must make up the deficiency by the end of the ninth week in the semester following the occurrence of the incomplete grade, or the incomplete becomes a grade of F, except with the approval of the Dean of the College.

WITHDRAWAL FROM COLLEGE

If a student should find it necessary for any reason to withdraw from college, he must file with the Registrar the regular withdrawal form, which he will obtain from the office of the Dean of Students. Otherwise he will receive a grade of F in all his courses.

SUMMER SCHOOL CREDIT

No credit will be allowed on work taken elsewhere during the summer unless the written permission of the Dean of the College is secured in advance.

Graduation Requirements

Each student is expected to complete the requirements for graduation in the catalog dated and effective the year he or she enters college. If a subsequent decision is made to follow a later catalog, through a bonafide change in major or for other cause, the requirements in effect at that time must be met. Any student whose record is seven years old, and who has not graduated, may expect to be required to change to the requirements set forth in later announcements. The Dean of the College should be consulted in all cases.

REQUIREMENTS FOR GRADUATION

William Jewell College confers only one degree, the Bachelor of Arts. This is awarded to students who have satisfied the entrance requirements, completed 124 semester hours of college work according to specifications given below, and earned an average of two grade points for each semester hour of work attempted.

CLASSIFICATION OF COURSES

The courses required by William Jewell College in its General Education Program are classified as follows:

- Group I.* Communications:
English Composition, French, German, Greek, Latin, Spanish.
- Group II.* Mathematics and Natural Sciences:
Mathematics, Biology, Chemistry, and Physics.
- Group III.* Social Sciences:
Economics, History, Political Science, Psychology, and Sociology.
- Group IV.* Humanities:
English Literature, Philosophy, Religion, Music.

SPECIFIC REQUIREMENTS

Every student must choose a major. Upon entering college he is assigned to a member of the faculty who acts as an advisor in planning his course of study. When he has chosen his major, which is usually done by the beginning of the sophomore year, the head of that department at once becomes his advisor and confers with him as he decides what courses are required for graduation or are advisable in view of his plans for life-work. A major varies from twenty-four to forty

semester hours, depending upon the subject chosen, taken in regular sequence.

1. Every student is required to take six semester hours of Freshman English *during his freshman year*.

2. Every student is required to take Speech 101 and 102 *during his freshman year*.

3. Physical Education 101, 102 are required, and must be taken in the freshman year.

4. Religion 111 and 112, are required. These should be taken, if possible, in the freshman year.

5. Each student is required to pass fourteen semester hours of one foreign language. An optional foreign language proficiency test may be taken, which is the equivalent of a second year final examination, and which permits students who pass it to be excused from further courses in a foreign language, or allows them to enroll in a third year language course. A proficiency test, equal in difficulty to that expected upon completion of eight semester hours of the language in college, may be required of all students presenting two units of high school language before they are permitted to continue that language. Students who present two units of high school language on admission, may satisfy the language requirement by successfully passing six semester hours of work in the same language in courses above the freshman level. The hours not thereby used in language may be used to take free electives.

Language study should be commenced in the Freshman year, and in no case later than the Sophomore. Conflicts caused by postponement later than the Sophomore year are difficult to resolve.

Students planning to enter a graduate school are advised to take French and German.

6. Each student must complete fifteen semester hours from Group II, Mathematics and Natural Sciences, selected from at least two departments.

7. Each student must complete fifteen semester hours from Group III, Social Sciences, selected from at least two separate fields.

8. Every student must complete ten semester hours from Group IV, Humanities, including the four hours of Bible History.

9. Should the student's major be in any of the Groups represented by 6, 7, 8, above, it shall be considered as fulfilling the general requirements in that group.

All other work necessary to make 124 semester hours for graduation is elective. As many of the general requirements as possible should be met in the student's freshman and sophomore years.

10. Every student must pass the Upper Class English Examination before graduation, except as indicated in the following *Note*. This examination should be taken the second semester of the second year in residence. If it is not passed at that time it may be taken again the following year, provided that in the meantime appropriate remedial work has been taken, normally without credit. If this examination is not passed the second time it is taken, the student should not continue in college with the expectation of graduating from William Jewell College. This includes transfer students, who should consult the Registrar about the time they should take this examination.

Note: Students who have successfully passed both semesters of Freshman English at this institution with grades of B or higher will not be required to take this examination, *unless reported by their professors to be submitting writing of inferior quality in the written obligations of their other college subjects.*

11. Courses for credit toward a major must be passed with a grade of C or better.

12. Every senior is required to pass a comprehensive examination in his major field.

13. By November 1, each student who expects to graduate at the regular spring or summer commencement must file an "Application for Graduation" with the Registrar.

14. The maximum amount of credit toward graduation that a student may receive in one subject-matter field is forty semester hours.

15. The College will not accept for graduation, work done by correspondence from any institution except one of high standing, having a regularly organized correspondence department, and then for no more than ten semester hours. No credit will be allowed by correspondence toward a major except by the prior consent of the head of the department and approval of the Dean. A maximum of thirty semester hours of correspondence and extension work combined will be accepted.

No student may receive credit for correspondence or extension work while enrolled at William Jewell College, nor will correspondence or extension credit be accepted by transfer from a student which he has taken while enrolled in another institution.

16. Any senior who has completed all requirements for graduation with his class except eight semester hours of credit or less may, with the permission of the Dean, do his work *in absentia*. This may be done by correspondence from a reputable institution, or in residence in a college or university of recognized standing. Such a student may participate only in the graduating exercises of the class following the completion of the work. The last year's work for graduation (minimum 30 semester hours) must be done in residence at William Jewell except as here provided.

However, a student who has completed in William Jewell College the required work for graduation may, with the approval of the Dean in advance, finish the work for the A.B. degree by one year of satisfactory work done in a professional school of recognized standing. This privilege will not be granted to a student of low scholastic ability, or to one having more than a normal year's work to complete for graduation.

General Information and Regulations

STUDENT CONDUCT

It is assumed that every student matriculating in William Jewell College agrees to conduct himself in a manner conducive to the highest sort of mental and moral development. The faculty reserves the right to dismiss any student whose habits are considered inconsistent with the ideals of the institution.

The possession or consumption of alcoholic beverages is specifically prohibited.

CLASS ATTENDANCE

Each student makes his own decision regarding class attendance, fully accepting the responsibility that is necessarily involved. It is the conviction of the College, however, that punctuality and regularity of class attendance are extremely important, and that carelessness in this matter may cast grave doubt on the seriousness of a student's purpose at college. When three successive absences, or a total of five, have occurred in a semester without proper explanation acceptable to the instructor in a class, the student is referred to the Dean of the College for appropriate action.

CHAPEL ATTENDANCE

Chapel services are held Tuesdays, Wednesdays and Thursdays each week during the school year, except during final examinations. Attendance is required. If a student has less than five absences each semester, he is allowed one grade point for chapel attendance. If he has five absences but less than ten, he receives no grade points; if he has ten absences, but less than fifteen, he is penalized by a deduction of one semester-hour of credit; if he misses fifteen chapel periods or more, but less than twenty, he loses two semester hours of credit; if he misses twenty or more chapel periods he is referred to the discipline committee for action.

REGULATIONS FOR RESIDENCE HALLS

1. In accordance with the practice of the most progressive educational institutions, all freshmen not living at home are required to live in the college residence halls.

2. All single upperclass students who do not reside with their parents, guardian, or close relatives are required to live in college residence halls, or fraternity houses (if members).

3. All students residing in college residence halls must take their meals in the College Union.
4. Students living in any of the residence halls are expected to furnish their own bed linen, blankets, towels and curtains.
5. Major problems arising in the residence halls are referred to the Deans and the Discipline Committee. If it should become necessary to dismiss a student from a residence hall on account of misconduct, his future relations to the College will be determined by the faculty.

STUDENT ACTIVITIES

The program of Student Activities is a part of the personnel program and is the responsibility of the Director of Student Activities and the College Union Board. The College Union Board is a student-faculty committee. The purpose of this Board is to administer programs which serve cultural, educational, recreational, and social interest of the student body, faculty, and alumni, and by these programs aid the development of leadership and provide opportunity for students to develop skills in human relations. To implement this aim, the Board sponsors a wide variety of programs and activities, in which are considered the interests of all students.

The center of student activity on the campus is the Yates College Union building. The College Union has a lounge, snack bar, game room, book store, committee meeting rooms, commuting student facilities. Ping-pong, radio-phonograph sessions and television are some of the every day activities. The facilities are in constant use throughout the day and evening.

CAMPUS ORGANIZATIONS

The Student Senate is the student governing body representing every student on the campus.

Student publications consist of the *William Jewell Student*, and *The Tatler* (annual).

Student publications, the Student Senate, and the College Union Board (a student-faculty committee) have offices in Yates College Union.

William Jewell College has various active student organizations whose members are chosen on the basis of interest and accomplishment. In the list below, those that are chapters of national societies appear in italics.

Social organizations are four national college fraternities: *Kappa Alpha Order*, *Lambda Chi Alpha*, *Phi Gamma Delta*, *Sigma Nu*; four

national college sororities: *Alpha Delta Pi*, *Alpha Gamma Delta*, *Beta Sigma Omicron*, and *Delta Zeta*..

Academic organizations include the following: Acons (senior honor, for men); *Alpha Lambda Delta* (freshmen women's honorary); *Alpha Psi Omega* (dramatics); student affiliate of the American Chemical Society; *Beta Beta Beta* (biology); "J" Club (athletic lettermen); *Kappa Mu Epsilon* (mathematics); La Camerata (music majors); Panaegis (senior honor, for women); PEM Club (physical education majors); *Phi Alpha Theta* (history); Phi Epsilon (scholarship); *Phi Mu Alpha Sinfonia* (music, for men); *Phi Sigma Iota* (romance languages); *Pi Gamma Delta* (forensics); *Pi Gamma Mu* (social science); Political Science Club; Psychology Club; *Sigma Alpha Iota* (music, for women); *Sigma Pi Sigma* (physics); *Sigma Tau Delta* (creative writing); Women's Athletic Association.

Religious and service groups include: *Alpha Phi Omega* (former Boy Scouts); *Alpha Zeta Pi* (men); Baptist Student Union; Ministerial Alliance; Missionary Fellowship; Young Women's Auxiliary; *Epsilon Omega Pi* (women); Roger Williams Fellowship (American Baptist Students).

STUDENT PERSONNEL SERVICES

The Student Personnel department of William Jewell offers its services to all students in educational, vocational, and personal counseling. Every student who enters the college may take aptitude tests designed to help him discover in what way he may most satisfactorily direct his efforts. On the basis of these tests and their academic records, the advisors and dean can assist students in selecting courses of study. The student can also receive assistance in determining occupational goals for which he appears to have abilities and interests.

EDUCATIONAL GUIDANCE

The Dean of Students assigns each freshman to a faculty member who acts as an advisor until the student chooses a major. At that time the head of the department becomes the advisor. The student thus secures the counsel of the head of the department until the time of graduation.

PLACEMENT SERVICES

Placement services are available to all students who desire help in finding permanent employment. Personnel officers from many companies come to the campus for the purpose of interviewing students.

Students who desire help in securing employment are urged to report to the personnel office at least four months before they desire to find full-time employment.

PART TIME EMPLOYMENT

Many students earn part of their expenses while in college by working on the campus, in the dining halls, and in the library. Part-time employment is provided also by a number of business firms in and near the city of Liberty. Students desiring this service should write to the Dean of Students, who will furnish an application blank. Early application is desirable, because such openings are limited.

HEALTH SERVICES

As a student at William Jewell College, you will want to keep healthy, vigorous, and active. Proper treatment and care—even for mild ailments—if started early will prevent more serious illness and loss of time from classes.

The infirmary is located on the ground floor of Ely Hall with the entrance on the south side of the building. This area is planned to serve a maximum of six men and six women, and includes a doctor's office, a treatment room, a small kitchen, and an apartment for a nurse. Every effort will be made to give you the best care possible in case of minor injuries or illness.

The college physician will report to the infirmary each day in order that students who need medical attention will find his services available.

The infirmary will be in charge of a registered nurse. Any student who is unable to attend classes and go to meals may at the discretion of the physician or nurse be admitted to the infirmary.

Responsibility for the care of the students with major illness or communicable diseases and for special care and nursing costs made necessary under such conditions must be assumed by the patient, and parents or guardian. The health and accident insurance included in the health program will give some financial assistance when major illnesses or accidents require hospitalization.

PREPARATION FOR SPECIAL FIELDS

William Jewell College is committed to a liberal arts education. The college recognizes the fact, however, that some students will wish to select courses with a view to preparation for some special field or profession. For these persons, some suggestions are offered in the following paragraphs.

ARTS AND SCIENCES (Graduate Study)

William Jewell College is fully accredited by the North Central Association of Colleges and Secondary Schools and approved by the Association of American Universities, so that graduates with the Bachelor of Arts Degree may with full credit continue their work in Graduate Schools. Students who expect to attend graduate schools must have a high scholastic average.

The student is advised to study the catalog of the graduate school that he expects to attend, in order that he may plan his course of study so as to meet the special requirements of the specific school. The Dean of the College, the Dean of Students, and the student's major professor should be consulted with regard to planning a program of studies leading to graduate work.

BUSINESS

Many students are interested primarily in business administration. The aim of the Department of Economics and Business Administration is to offer opportunities for both general and preprofessional training in the fields of economics and business administration. A further aim is to equip students with a well-rounded knowledge of the dynamic character of economic society and the responsibilities that are placed upon men and women in the field of business. This gives the student a wide perspective for specific training in a particular business after graduation, or for graduate study.

DENTISTRY

The general course requirement for entrance into a college of dentistry is at least two full years of work in an accredited college of liberal arts, comprising not less than 60 semester hours. The quality of the student's scholastic record must be good.

The student should consult the catalog of the school he plans to enter. However, the required courses usually include: English, 6 to 8 hours; zoology, 8 hours; physics, 8 hours; inorganic chemistry, 10 hours; and organic chemistry, 5 hours.

Other subjects should include courses intended to broaden the intellectual background of the student, an important factor in professional life. Recommended elective subjects include advanced courses in English, history, foreign language, psychology, economics, philosophy, sociology, and political science.

ENGINEERING

William Jewell College is one of a limited number of liberal arts colleges which have entered into an agreement with Columbia University to participate in a combined plan whereby the student may, by spending three years in college—in residence—and two years in the Columbia University School of Engineering, receive the A.B. degree and the B.S. degree in engineering upon the completion of his work.

William Jewell College has also entered into a "three-two" plan of engineering with the Missouri School of Mines and Metallurgy at Rolla,

whereby the student spends three years at William Jewell College—in residence—and two years at Rolla, and receives the A.B. degree from William Jewell College and an engineering degree from the Missouri School of Mines and Metallurgy.

Details of these combined plans may be learned by writing the Director of Admissions, Dept. E.S., William Jewell College, Liberty, Missouri.

A pre-engineering program is designed to prepare for the leading engineering schools. However, the student should consult the catalog of the engineering school he expects to enter, to meet its specific requirements.

Students who expect to receive an A.B. degree before entering an engineering school should major in physics, chemistry, or mathematics, their choice depending upon the type of engineering, as Electrical, Chemical, Civil, or Mechanical.

The following programs are those which should be followed by students who expect to spend three years at William Jewell College, and two years in an approved school of Engineering. Since the semester-hour load is unusually heavy, students are advised to plan their work very closely with Dr. Hilton, who is official advisor for these programs.

ENGINEERING PROGRAM OF STUDIES (Columbia University)

Freshman

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 103	5	Chemistry 104	5
Engineering Drawing 105	3	Engineering Drawing 204	3
English 115	3	English 116	3
Mathematics 111A	3	Mathematics 118	5
Mathematics 115A	2	Physical Education 102	1
Physical Education 101	1	Speech 102	2
Speech 101	2		—
	19		19

Sophomore

Foreign Language	4	Foreign Language	4
Humanities Elective	3	Mathematics 331	3
Mathematics 225	5	Mathematics 226	5
Physics 213	5	Physics 214	5
	17		17

Junior

Foreign Language	3	Foreign Language	3
Mathematics 332	3	Humanities Elective	3
Physics 323	3	Physics 316	3
Religion 111	2	Religion 112	2
*Social Science Elective	8	*Social Science Elective	7
	19		18

*Inclusion of Economics is recommended.

ENGINEERING PROGRAM OF STUDIES
(Missouri School of Mines)

Freshman

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 103	5	Chemistry 104	5
Engineering Drawing 105	3	Engineering Drawing 204	3
English 115	3	English 116	3
Mathematics 111A	3	Mathematics 118	5
Mathematics 115A	2	Physical Education 102	1
Physical Education 101	1	Speech 102	2
Speech 101	2		19
	19		

Sophomore

Foreign Language	4	Foreign Language	4
Humanities Elective	3	Mathematics 331	3
Mathematics 225	5	Mathematics 226	5
Physics 213	5	Physics 214	5
	17		17

Junior

Foreign Language	3	Foreign Language	3
Mathematics 332	3	Humanities Elective	3
Physics 318	3	Physics 316	3
Religion 111	2	Physics 212	3
*Social Science Elective	8	Religion 112	2
	19	*Social Science Elective	7
			21

*Inclusion of Economics is recommended.

SUGGESTED TWO-YEAR PRE-ENGINEERING PROGRAM

Freshman

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 103	5	Chemistry 104	5
English 115	3	English 116	3
Mathematics 111A	3	Mathematics 118	5
Mathematics 115A	2	Engineering Drawing 108	2
Engineering Drawing 105	3	Engineering Drawing 204	3
Speech 101	2		18
	18		

Sophomore

Physics 213	5	Physics 214	5
Mathematics 225	5	Mathematics 226	5
History 221	3	Speech 102	2
Economics 101	3	Mathematics 331	3
Elective	2	Economics 102	3
	18	*(Physics 212	3)
			18

*Civil Engineers should substitute Physics 212 for Economics 102.

FORESTRY

William Jewell College, in cooperation with the School of Forestry of Duke University, offers a 5-year coordinated program in forestry, 3 years at William Jewell and 2 years at Duke University, leading to the Bachelor of Arts degree at William Jewell and the Master of Forestry degree at Duke. This combines a sound education in the liberal arts with early acquaintance and development in the profession. Applicants for this Liberal Arts-Forestry program should so indicate at the time of enrollment in college. Formal application to Duke University will be made at the end of the first semester of the third year, contingent upon the student's maintaining a high scholastic standing. For details of the pre-forestry curriculum see Dr. Gier of the Department of Biology so that all course requirements may be fulfilled.

JOURNALISM

The requirements for admission to any one of several leading professional schools of journalism are, in general, as follows:

1 year freshman English	1 year literature
1 course in composition	1 year of foreign language plus a reading course in the language
1 year of science	1 course in American Government
1 course in economics (3 sem. hrs.)	(3 semester hrs.)
1 course in sociology (3 sem. hrs.)	

LAW

The recommendation of the American Bar Association is that students expecting to enter an accredited law school should pursue their undergraduate work with the following objectives in mind: 1) clear comprehension and concise expression in the use of language; 2) historical and critical understanding of human institutions and values; 3) creative power in thinking. Recommended therefore are courses in English and speech, Latin, mathematics, logic, debate, history and government, economics and accounting, sociology, biology, and psychology. There is place for considerable latitude in choice of subjects. Intensive application and a high level of attainment are important, with a grade of B or better.

By special invitation, the faculty of William Jewell College is authorized to nominate an outstanding pre-legal student each year for a full tuition scholarship in the School of Law at Washington University in St. Louis. For information, interested persons should consult the Dean of the College.

MEDICINE

Students planning to study medicine should consult the catalog of the medical school which they expect to attend, so as to have all pre-medical requirements fulfilled. The number of years of pre-medical work required before the study of medicine varies with the different medical schools. Some schools require only two years, some three, and some the bachelor's degree.

The general course requirements are as follows: chemistry, 16 to 20 semester hours; biology, 8 to 12 semester hours; physics, 8 semester hours; English, 6 semester hours. The remaining courses should be selected from the humanities or social sciences: Latin, English literature, psychology,

economics, sociology, philosophy, history. Some schools in addition require a reading knowledge of French and German.

Admission to medical school is based on the medical aptitude test, scholastic record, and recommendations from the professors. No student can expect to be admitted to a medical school who does not maintain a high scholastic record.

MINISTRY

William Jewell College offers no professional theological course. Pre-theological students may choose their own major field. Students are encouraged to select a well balanced course, as recommended by the American Association of Theological Schools.

It is suggested that a student should acquire a total of 90 semester hours or complete approximately three-fourths of his college work in the areas listed below:

BASIC FIELDS	Semesters	Hours	BASIC FIELDS	Semesters	Hours
English	6	12-16	A foreign language	4	12-16
Literature, Composition, and Speech.			At least one of the follow- ing: Latin, Greek, Hebrew, French, German.		
Philosophy	3	6- 8	Natural Sciences	2	4- 6
At least two of the follow- ing: Introduction to Phi- losophy, History of Philos- ophy, Ethics, Logic.			Physical or Biological.		
Bible or Religion	2	4- 6	Social Sciences	2	4- 6
History	3	6-12	At least two of the follow- ing: Economics, Sociology, Government or Political Science, Social Psychology, Education.		
Psychology	1	2- 3			

Curriculum

Courses numbered 100 to 199 are intended primarily for Freshmen, 200 to 299 for Sophomores, 300 to 499 for Juniors and Seniors.

The College reserves the privilege of adding courses, or of omitting courses the demand for which is not sufficient to justify their being given.

Credit for courses is given in semester hours.

ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics

GREEK

PROFESSOR DERWACHTER, 110 Jewell Hall

Major: Twenty-four semester hours.

111, 112. **ELEMENTARY GREEK.** Inflection and syntax, word formation, and vocabulary building. Reading simple passages from Greek literature. Credit, 4 hours each semester.

First and second semesters. M., T., W., Th. at 1:15. Jewell Hall.

At the option of the Department, an additional hour per week, without credit, may be required in review, drill, and exercises.

211. **SELECTIONS FROM GREEK LITERATURE.**

Credit, 3 hours. Prerequisite, 112.

First semester. M., W., Th. at 2:10. Jewell Hall.

227. **PLATO: APOLOGY, CRITO AND PHAEDO.** Selections from Socrates' defense and from the account of his trial, condemnation and death.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., Th. at 2:10. Jewell Hall.

321, 322. **NEW TESTAMENT GREEK.** The development of Hellenistic or Koine Greek as it appears in vocabulary, inflection, syntax and style of the New Testament writers.

Credit, 4 hours each semester. Prerequisite, 227.

First and second semesters. T., W., Th., F. at 10:25. Jewell Hall.

328. **HELLENISTIC GREEK.** Selections from the Septuagint, Josephus, Philo, Apostolic Fathers, Epictetus, vernacular papyri, etc., as background for the Greek of the New Testament.

Credit, 2 hours. Prerequisite, 227.

First semester. Hours to be arranged. Jewell Hall.

329. **THE SEPTUAGINT.** A semester's reading from the Old Testament in Greek as background for the Greek New Testament.

Credit, 2 hours. Prerequisite, 227.

Second semester. Hours to be arranged. Jewell Hall.

LATIN

PROFESSOR PHILLIPS, 111 Jewell Hall

Major: Twenty-four hours, including 101, 102; 205 and 206, and 311.

101, 102. **BEGINNING LATIN.** This course is open for credit to those who have less than two units of Latin for college entrance. The first

semester will be devoted to beginning Latin. The second will be devoted to further grammatical study and readings. Not open to seniors without permission.

Credit, 4 hours each semester.

First and second semesters. M., T., W., Th. at 1:15. 101 Jewell Hall.

At the option of the Department, an additional hour per week, without credit, may be required in review, drill, and exercises.

205, 206. SELECTIONS FROM LATIN LITERATURE.

Credit, 3 hours each semester. Prerequisite, 102 or by consent.

First and second semesters. M., W., F. at 8:40. 101 Jewell Hall.

307. VIRGIL'S AENEID. Translation of books I, II, III, IV, and VI of the Aeneid.

Credit, 3 hours. Prerequisite, 206, or three entrance units of high school Latin.

Either semester. M., W., F. at 10:25. 101 Jewell Hall.

310. ROMAN PHILOSOPHY. Translation and critical study of the philosophical writings of Cicero and others.

Credit, 3 hours. Prerequisite, 206, or three entrance units of high school Latin.

Either semester. M., W., F. at 10:25. 101 Jewell Hall.

311. ADVANCED LATIN COMPOSITION. Translation of English into Latin as a means of approaching a thorough understanding of Latin syntax.

Credit, 2 hours. Prerequisite, 206, or three entrance units of high school Latin.

Either semester. Hours to be arranged. 111 Jewell Hall.

391, 392. READINGS IN LATIN AUTHORS. Advanced translation in authors of Latin literature not covered in other courses. Emphasis is upon independent study, with class recitation.

Credit, 2 hours. Prerequisite, 307 or 310, or consent of instructor.

First and second semesters. Hours to be arranged. 111 Jewell Hall.

ART

MR. JOHANSEN

101, 102. DRAWING. Training in the fundamentals of drawing techniques of the different drawing media.

Credit, 3 hours each semester. T., W., Th. 1:15-3:15. Ely Hall (Ground Floor).

103, 104. DESIGN. A study of the fundamentals of composition: form, line and color.

Credit, 3 hours each semester. T., W., Th. 3:15-5:15. Ely Hall (Ground Floor).

105. DESIGN. Advanced study in various art media, such as water color, oil, sculpture, and crafts.

Credit, 3 hours either semester. T., W., Th. 3:15-5:15. Ely Hall (Ground Floor).

BIOLOGY

PROFESSOR GIER, ASSOCIATE PROFESSOR THOMAS,
ASSOCIATE PROFESSOR MOMBERG, ASSISTANT PROFESSOR LIND
MARSTON HALL

Major: Thirty-six hours. It is recommended that a major include courses 107, 108, 201, 202, 308, 401 or 402, 403 or 405, 404 and 407.

Pre-med. major: Thirty hours of biology with chemistry through organic and one year of physics.

Biology 107-108, or equivalent, is prerequisite to all other courses in biology.

107, 108. GENERAL BIOLOGY. An introduction to the fundamental scientific and biological principles and materials as related to everyday life and thought.

Credit, 3 hours each semester.

Both semesters, continuous. Lecture, T., Th. at 8:40, 10:25 or 11:20. Laboratory, M. 1:15-3:00; 3:05-4:55; T. 1:15-3:00, 3:05-4:55; Th. 1:15-3:00, 3:05-4:55. 310, 301 Marston Hall.

PROFESSOR GIER, ASSOCIATE PROFESSOR MOMBERG, MR. LIND.

201, 202. GENERAL BOTANY. An introduction to plant biology.

Credit, 3 hours each semester.

Both semesters, continuous. Lecture, M., W., F., at 1:15. Laboratory, M. at 3:05-5:00. 301 and 310 Marston Hall.

PROFESSOR GIER.

221. GENERAL BACTERIOLOGY. Fundamental principles of bacteriology. Credit, 5 hours. Prerequisite, Chemistry.

First semester. M., W., F. at 7:45. Laboratory, T., Th. 7:45-9:30. 304 and 306 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

224. PUBLIC HEALTH LABORATORY METHODS. Routine and special tests are repeated sufficiently to enable the student to acquire considerable accuracy in methods and results.

Credit, 2 hours.

Second semester, by arrangement. 304 and 306 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

226. INVERTEBRATE ZOOLOGY. A course affording an opportunity to become acquainted with the types of invertebrate animals.

Credit, 5 hours.

Second semester. M., W., F. at 7:45. Laboratory, T., Th. 7:45-9:30. 304 and 305 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

239. HUMAN ANATOMY AND PHYSIOLOGY. A study of the structure and the functions of the human body.

Credit, 4 hours.

First semester. M., W., F. 10:25-12:10. Laboratory, T. or Th. 304-305 Marston Hall.

MR. LIND.

241. HUMAN PHYSIOLOGY. A study of the chemistry and physics of the human body.

Credit, 5 hours. Prerequisite, Chemistry.

First semester. M., W., F. at 8:40. Laboratory. T., Th. 1:15. 304-305 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

242. COMPARATIVE ANATOMY. A comparative study of the systems and organs of vertebrate animals.

Credit, 5 hours.

Second semester. M., W., F. at 8:40. Laboratory, T., Th. 1:15. 304-305 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

308. INTRODUCTION TO ECOLOGY. Study of units of organization and their origin, with applications to crop production and conservation work.

Credit, 4 hours.

Second semester. By arrangement.

MR. LIND.

324. EMBRYOLOGY. A study of the embryological development of vertebrates.

Credit, 4 hours. Prerequisite, consent of instructor.

Second semester, by arrangement.

ASSOCIATE PROFESSOR MOMBERG.

327. MICROANATOMY. Collection and preparation of materials for microscope study with an introduction to tissues of plants and animals.

Credit, 4 hours.

First semester. M., W., F. at 10:25.

ASSOCIATE PROFESSOR MOMBERG.

336. GENETICS. A study of the laws and theories of heredity with emphasis on human inheritance.

Credit, 2 hours.

Second semester, by arrangement. 304 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

401. (formerly 337) PLANT TAXONOMY. A study of the local flora.

Credit, 3 hours either semester.

Given by arrangement.

PROFESSOR GIER.

402. (formerly 338) ANIMAL TAXONOMY. A study of local fauna.

Credit, 3 hours either semester.

Given by arrangement.

MR. LIND.

403. (formerly 342) HISTORY AND LITERATURE OF BIOLOGY.

Credit, 1 hour.

First semester. Wed. 4:00. 308 Marston. Alternate years. Not offered 1961-62.

STAFF.

404. (formerly 341) BIOMETRY. Application of statistical methods to agriculture, biological research, and medicine.

Credit, 1 hour.

Second semester. Wed. 4:00. 308 Marston.

STAFF.

405. RECENT ADVANCES IN BIOLOGY. A seminar.

Credit, 1 hour. Alternate years. Offered 1961-62.

First semester. Wed. 4:00. 308 Marston.

STAFF.

407. PROBLEMS IN BIOLOGY. Opportunity for the student to do advanced work on some phase of biology.

Credit, 1 to 3 hours per semester.

Each semester. By arrangement.

STAFF.

SUGGESTED PROGRAM FOR BIOLOGY MAJOR

FIRST SEMESTER	<i>Freshman</i>	SECOND SEMESTER	
Biology 107	3	Biology 108	3
English 115	3	English 116	3
Foreign Language	4	Foreign Language	4
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
	15		15
<i>Sophomore</i>			
Biology 201	3	Biology 202	3
Chemistry 103	5	Chemistry 104	5
Foreign Language	3	Foreign Language	3
Mathematics 111	3	History Elective	3
Mathematics 115	2	Elective	2
	16		16
<i>Junior</i>			
Biology Elective	5	Biology Elective	5
Chemistry or Physics Elective	5	Chemistry or Physics Elective	5
Psychology 211	3	Psychology 212	3
Social Science Elective	3	Biology 308	4
	16		17
<i>Senior</i>			
Biology 403 or 405	1	Biology 404	1
Biology 401 or 402	3	Biology 407	3
Biology Elective	4	Social Science	3
Humanities Elective	4	Humanities Elective	2
Free Elective	3	Free Elective	6
	15		15

GEOLOGY

303. GEOLOGY. An introductory course dealing with both the physical and historical aspects.

Credit, 3 hours. Prerequisite, one year of laboratory science.

First semester. M., W., F. at 11:20.

PROFESSOR GIER.

CHEMISTRY

The James Andrew Yates Department of Chemistry
 PROFESSOR EDSON, ASSOCIATE PROFESSOR HUSELTON
 MARSTON HALL

Major: Chemistry 103, 104, 201, 204, 301, 302, 401, 402.

Pre-med. major: Chemistry 103, 104, 201, 204, 301, 302.

101. GENERAL CHEMISTRY. A descriptive treatment of chemistry for those students majoring in the humanities or social sciences. The material is presented in a general way so as to give the student an appreciative knowledge of the chemistry of daily life. *This course will not be accepted as a prerequisite for further courses in chemistry.*

Credit, 5 hours.

First semester. Lectures, M., T., W., F. at 11:20. 107 Marston Hall. Laboratory, Th. 10:25-12:15. B-10 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

103, 104. GENERAL INORGANIC CHEMISTRY. For those students who are majoring in chemistry or who intend to use chemistry in some vocational field. A study of the chemical elements and compounds, and the laws and principles which are fundamental to the advanced courses in chemistry. The course is presented on a level which makes a previous course in high school chemistry highly desirable. An introduction to Qualitative Analysis will be included in Chemistry 104.

Credit, 5 hours each semester. Mathematics 111 and 115 must accompany Chemistry 103 for chemistry majors.

First and second semesters. Lectures, M., W., F. at 11:20. B10 Marston Hall. Laboratory, T., Th. at 2:10. B12 Marston Hall.

PROFESSOR EDSON.

201. QUALITATIVE ANALYSIS. The class work will be devoted to a study of the laws and principles underlying the basis of analytical chemistry. Special emphasis will be placed on the law of mass action, chemical equilibrium, oxidation and reduction, and the solubility product principle. One hour each week will be devoted to problems. The laboratory work will be devoted to the qualitative determination of cations and anions and will include some alloys. It is semi-micro work.

Credit, 4 hours. Prerequisite, Chemistry 104 and Mathematics 111 and 115.

First semester. Lectures, T., Th. at 7:45, F. at 2:10. Laboratory, M., W. at 2:10. 107 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

204. QUANTITATIVE ANALYSIS. This course covers the general principles of gravimetric and volumetric analysis. It is taught with the application of the principles of physical chemistry to the theory of quantitative analysis. One of the two class periods is devoted to working problems using *Calculations of Analytical Chemistry*, Hamilton and Simpson.

Credit, 6 hours. Prerequisite, Chemistry 201.

Second semester. Lectures, M., W., F. at 7:45. Laboratories, M., W., F. at 2:10. 107 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

301, 302. ORGANIC CHEMISTRY. A discussion of the important classes of organic compounds in the aliphatic and aromatic series. The laboratory work includes the preparation of typical organic compounds with their reactions.

Credit, 5 hours each semester.

First and second semesters. Lectures, T., W., Th. at 1:15. 107 Marston Hall. Laboratory T., Th. at 2:10. 110 Marston Hall.

PROFESSOR EDSON.

309. ADVANCED INORGANIC CHEMISTRY. Special topics in the field of inorganic chemistry will be presented.

Credit, 2 hours.

First semester. T., Th. at 10:25.

PROFESSOR EDSON.

401. PHYSICAL CHEMISTRY. A study of the principles of physical chemistry with related experiments. Gas laws, kinetic theory of gases, liquids, solids, thermodynamics, solutions, electrochemistry, surface chemistry, and atomic structure are among the topics studied.

Credit, 4 hours. Prerequisites, Chemistry 204 and Calculus. The chemistry prerequisite for students majoring in physics who wish to take the course in Physical Chemistry is Chemistry 104.

First semester. Lectures, M., W., F. at 10:25. Laboratory, to be arranged. 107 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

402. PHYSICAL CHEMISTRY. A continuation of the lectures of course 401.

Credit, 4 hours.

Second semester. Lectures, M., W., F. at 10:25. Laboratory, T. 2:10. 107 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

406. INSTRUMENTAL METHODS OF ANALYSIS. The student will be introduced to various types of instruments for analytical work. The course will include microscopy, colorimetry, spectrophotometry, fluorometry, nephelometry, polarimetry, gasometry, and some micro-analytical work.

Credit, 2 to 3 hours. Prerequisites, 204 and 401.

Second semester. Hours to be arranged. The laboratory time will consist of 9 to 12 hours per week. 107 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

407. QUALITATIVE ORGANIC ANALYSIS. A study of the characteristic chemical reactions of compounds containing elements commonly present in organic compounds and the determination of their classification and identity from qualitative reactions.

Credit, 3 hours. Prerequisites, 204 and 302.

First semester. Hours to be arranged. The laboratory time will consist of 9 to 12 hours per week. 107 Marston Hall.

PROFESSOR EDSON.

409. ADVANCED INORGANIC CHEMISTRY. Offered on demand.

Credit, 2 hours.

First semester. Hours to be arranged.

410a, 410b. INTRODUCTION TO CHEMICAL LITERATURE AND RESEARCH. Only those students who show promise of doing graduate work in chemistry will be admitted to this course. The student will select some problem upon which he will spend at least 300 hours in the laboratory. Before starting the laboratory work the student will examine the literature to see what work has been done previously. No credit will be given until a complete report has been submitted concerning the work done and the results obtained. This report will be in the standard form of writing reports.

Credit, 1 to 3 hours each semester.

First and second semesters. Hours to be arranged. 107 Marston Hall.

PROFESSOR EDSON, ASSOCIATE PROFESSOR HUSELTON.

ECONOMICS AND BUSINESS ADMINISTRATION

Economics and Business Administration are closely related fields, and students looking forward to a business career will normally take a substantial amount of work in both fields.

ECONOMICS

PROFESSOR WATKINS, 309 Jewell Hall

ASSOCIATE PROFESSOR TRUEX, 310 Jewell Hall

Major: Twenty-four semester hours including 101 and 102, which is in general prerequisite to all other courses in the department. Bus. Ad. 211 and 216 may be used as part of the major.

101. ECONOMICS I. General description of the institutions and operation of the system of production and distribution in the United States. The national income and determinants of the level of production and employment.

Credit, 3 hours.

First semester. M., W., F. at 7:45 and 8:40. 303 Jewell Hall.

PROFESSOR WATKINS.

102. ECONOMICS II. Introduction to the pricing system, prices of factors and products, international trade, aid to underdeveloped areas, other economic systems. Economics 101 is *not* prerequisite to this course.

Credit, 3 hours.

Second semester. M., W., F. at 7:45 and 1:15. 303 Jewell Hall.

PROFESSOR WATKINS.

301. LABOR PROBLEMS AND PERSONNEL ADMINISTRATION. A study of relationships in the modern technological society from the points of view of labor, management and the public. After a brief survey of labor history, major attention is given to such problems as wages, hours, working conditions, social security, unionism, and labor legislation. Some attention is given to methods for securing industrial peace. Alternate years. Offered 1961-62.

Credit, 3 hours. Prerequisite, 101, or consent of the instructor.

First semester. M., W., F. at 11:20. 104 Jewell Hall.

PROFESSOR WATKINS.

302. MONEY AND BANKING. A study of the origin, function, and systems of money and banking, with special emphasis on the Federal Reserve System. Special reference is made to current conditions and problems with a view to monetary and banking reform. Alternate years. Not offered 1961-62.

Credit, 3 hours. Prerequisite, 101 and 102.

Second semester. M., W., F. at 8:40. 303 Jewell Hall.

PROFESSOR WATKINS.

311. MARKETING. The principles and methods of marketing are studied in their relation to representative commodities, distribution channels, marketing functions and institutions, and consumer demand.

Credit, 3 hours. Prerequisite, 101.

First semester. M., W., F. at 10:25. 305 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

314. BUSINESS CYCLES. The phenomena of prosperity and depression. Attention is given to the factors that underlie the processes of change within the business system. Special stress is placed upon the interpretation of current conditions and the numerous devices designed to minimize business fluctuations. Alternate years. Not offered 1961-62.

Credit, 3 hours. Prerequisite, 101 and 102.

First semester. M., W., F. at 12:15. 203 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

318. TAXATION AND PUBLIC FINANCE. The economics of governmental expenditure. Special emphasis is placed on the shifting and incidence of taxes, and special consideration is given to the various types of taxes. Other problems include governmental borrowing and the public debt. Alternate years. Not offered 1961-62.

Credit, 3 hours. Prerequisite, 101.

First semester. M., W., F. at 8:40. 303 Jewell Hall.

PROFESSOR WATKINS.

342. COMPARATIVE ECONOMIC SYSTEMS. An analysis is made of the chief criticisms of the capitalistic economic system. This is followed by a survey and comparison of socialism, communism, and fascism, with special emphasis upon their economic problems and the theories upon which each is dependent. The economic systems of the United States, Russia, England, Germany, and Italy are compared. Alternate years. Offered 1961-62.

Credit, 3 hours. Prerequisite, 101.

Second semester. M., W., F. at 11:20. 303 Jewell Hall.

PROFESSOR WATKINS.

400. INTERMEDIATE ECONOMIC THEORY. A course for senior economics majors. Designed to supplement Economics 102 and to provide a more solid background in economic analysis. Further consideration is given to price, competition, monopolistic competition, monopoly, and distribution (which includes wages, interest, rent, and profits), and to national income and its fluctuations.

Credit, 3 hours. For Seniors. Prerequisite, 101 and 102.
First semester. M., W., F. at 1:15.

PROFESSOR WATKINS.

451, 452. RESEARCH SEMINAR. A few outstanding seniors will be permitted to do independent research in the field of economics.

Personal conference method and regularly scheduled meetings of the group.

Credit, 1-3 hours. Prerequisite, consent of instructor.

Each semester. Hours to be arranged. 303 Jewell Hall.

PROFESSOR WATKINS.

SUGGESTED PROGRAM OF STUDY FOR ECONOMICS MAJOR

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
Business Administration 211	3	Business Administration 212	3
English 115	3	English 116	3
Foreign Language	4	Foreign Language	4
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
<hr/>		<hr/>	
15		15	

Sophomore Year

Economics 101	3	Economics 102	3
Foreign Language	3	Foreign Language	3
Mathematics or Science Elective*	5	Mathematics or Science Elective	5
Philosophy 201	3	Philosophy 202	3
Philosophy 203	2	Philosophy 204	2
<hr/>		<hr/>	
16		16	

Junior Year

Economics 311	3	Business Administration 216	3
Economics 318	3	Economics 202	3
Mathematics or Science Elective	3-5	Mathematics or Science Elective	3-5
Electives	6-9	Philosophy 231	2
<hr/>		Electives	5-6
15-16		<hr/>	
		16-18	

Senior Year

Business Administrative 312	3	Economics 342	3
Economics 201	3	Economics 400	3
Economics 314	3	English 316	3
English 315	3	Political Science 316	2
Political Science 315	2	Electives	4-6
Electives	2-3	<hr/>	
16-17		15-17	

*Students expecting to continue with graduate work in Economics are advised to enroll in Mathematics through calculus.

BUSINESS ADMINISTRATION

Major: Twenty-four semester hours, including Economics 101 and 102, and Business Administration 211 and 212.

211. ACCOUNTING I. A beginning course designed to give students an understanding of the field of business and to provide a tool for the analysis of business phenomena. The basis of double-entry recording, the use of common accounting records and preparation of financial reports, emphasizing the analytical functions of accounting.

Credit, 3 hours.

First semester. M., W., F. at 8:40. B-8 Marston Hall.

ASSOCIATE PROFESSOR TRUEX.

212. ACCOUNTING II. The application of principles of accounting to the operation of manufacturing concerns and to corporations. Analysis and interpretation of accounting reports, the budget system of control, and application of principles of internal check and audit.

Credit, 3 hours.

Second semester. M., W., F. at 8:40. B-8 Marston Hall.

ASSOCIATE PROFESSOR TRUEX.

216. STATISTICAL METHODS. Techniques and procedures for collecting, presenting, and interpreting quantitative data from business and the social sciences. Frequency distribution analysis, correlation, and an introduction to sampling theory are also covered.

Credit, 3 hours.

Second semester. M., W., F. at 12:15. Laboratory period on alternate weeks (to be arranged). B-8 Marston Hall.

ASSOCIATE PROFESSOR TRUEX.

231. BUSINESS LAW I. An introduction to the history of law and court procedure. A study of cases and problems illustrating the law of contracts and agency.

Credit, 2 hours.

First semester. T., Th. at 11:20. 205 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

232. BUSINESS LAW II. A study of the legal principles pertaining to property, sales, negotiable instruments, and business organizations.

Credit, 2 hours.

Second semester. T., Th. at 11:20. 205 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

312. CORPORATION FINANCE. A study of the formation, combination, merger, receivership, reorganization, and dissolution of corporations; including capitalization, surplus, dividends, and reserve policies. Not Offered 1961-62.

Credit, 3 hours. Prerequisite, Economics 101.

First semester. M., W., F. at 8:40. 303 Jewell Hall.

PROFESSOR WATKINS.

316. INVESTMENTS. An analysis of securities and industries. Special attention will be given to security markets, the timing of purchases and

sales, investment programs, and sources of investment information. Alternate years. Offered 1961-62.

Credit, 3 hours.

Second semester. M., W., F. at 7:45. 303 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

321. BUSINESS ORGANIZATION AND MANAGEMENT. An intensive study of the various forms of business organization with particular attention being given to administrative problems and the formulation of managerial policies. Representative industries and firms are selected for individual research.

Credit, 3 hours.

Second semester. M., W., F. at 7:45. 305 Jewell Hall.

PROFESSOR WATKINS.

322. COST ACCOUNTING. A study of the application of accounting principles to the analysis and control of operating costs of business enterprise. Evaluation of alternative systems including job order, process, and standard costs. Budgetary, managerial, and economic advantages of cost control. Alternate years. Offered 1961-62.

Credit, 3 hours. Prerequisite, Bus. Adm. 211 and 212.

First semester. T., Th. at 7:45. 201 Jewell Hall.

ASSOCIATE PROFESSOR TRUEX.

SUGGESTED PROGRAM OF STUDY FOR BUSINESS ADMINISTRATION MAJOR

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
Economics 101	3	Economics 102	3
English 115	3	English 116	3
Mathematics or Science Elective ..	5	Mathematics or Science Elective ..	5
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
	<u>16</u>		<u>16</u>

Sophomore Year

Business Administration 211	3	Business Administration 212	3
Business Administration 231	2	Business Administration 216	3
Foreign Language	4	Business Administration 232	2
History 115 or 221	3	Foreign Language	4
Political Science 101	3	History 116 or 222	3
	<u>15</u>		<u>15</u>

Junior Year

Business Administration 322	3	Business Administration 321	3
Economics 311	3	Economics 202	3
Foreign Language	3	Foreign Language	3
Philosophy 201	3	Mathematics or Science Electives ..	5
Psychology 211	3	Philosophy 231	2
	<u>15</u>		<u>16</u>

Senior Year	
Business Administration 312	3
Economics 314	3
Humanities Elective	2
Political Science 315	2
Sociology 211	3
Economics 201	3
	<hr/>
	16
Business Administration 316	3
Economics 342	3
Political Science 316	2
Electives	7
	<hr/>
	15

EDUCATION

PROFESSOR ISLEY, PROFESSOR CHILES, JEWELL HALL
 ASSOCIATE PROFESSOR WICKE, ASSISTANT PROFESSORS KNOX AND MITCHELL,
 MARSTON HALL

Major in Secondary Education. William Jewell does not offer a formal major in Secondary Education. It urges students who plan to teach in the public school system (Secondary grades) to major in the academic field of their choice, and to take the professional education courses required by the particular state certification office as electives. The professional requirements of the several states are so varied that only those of Missouri are reproduced here. Professor Thurston Isley, Head of the Department of Education, should be consulted in all cases.

The major requirements are fully met when one is graduated from William Jewell College.

Professional Requirements, State of Missouri: a minimum of 20 semester hours in professional education courses, as follows:

1. The Pupil (Educational Psychology, Adolescent Psychology, Growth and Development, etc.) 4-5 hours
2. The School (History or Philosophy of Education, High School Administration, Curriculum, etc.) 4-5 hours
3. Methods and Techniques 4-5 hours
4. Student Teaching in Secondary Schools 5 hours

These may be satisfied by the following courses:

Psychology 212	3 hours	Psychology 330	3 hours
(Note: psychology 211 is prerequisite to both.)			
Education 322	3 hours	Education 316	2 hours
Education 315	2 hours	Education 423 or 424	5 hours

Consult Mr. Isley for additional 2 hours

ADMISSION AND RETENTION REQUIREMENTS FOR STUDENTS IN TEACHER TRAINING PROGRAMS

For Secondary Education: Students who wish to take courses designed to meet the certification requirements for any state must have a grade point ratio of 2.5 or more in all work taken in their major field through the Junior year, and must maintain a grade point ratio of 2.5 or more in all courses in Education to remain in the Teacher Training Program of William Jewell College. Students who do not meet these requirements will not be allowed to register in the necessary courses, and those who fail

to maintain the required grade will not be recommended to the State Certification Officer by the institution.

Major in Elementary Education: Psychology 212,* 329,* Education 201, 202, 205 or 306, 317, 322, 327, 411 or 412. Students who earn a major in Elementary Education are expected at the same time to meet requirements for teacher certification. See requirements for certification below.

By the end of the Sophomore year, Elementary Education majors must have earned a grade point ratio of 2.5 or higher in subject matter courses and methods courses in order to continue in this field of study.

*Psychology 211 is prerequisite to this course.

MISSOURI ELEMENTARY CERTIFICATE REQUIREMENTS AT THE 120-HOUR DEGREE LEVEL

LANGUAGE ARTS	Semester Hours
Composition, Rhetoric, & Grammar	5
Children's Literature	2
Other English or Speech credit	3
SOCIAL STUDIES	
American History	5
U. S. or State Government	2
Geography	2
Other Social Studies credit	3
MATHEMATICS	
Arithmetic for Teachers	2
Other Math	2
SCIENCE	
Science (To include credit in physical and biological science)	8
ART AND MUSIC	
Art for Elementary Schools	2
Music for Elementary Schools	2
Other Art and/or Music credit	4
HEALTH AND PHYSICAL EDUCATION	
Health or Hygiene	2
Physical Education for Elementary Schools or Elementary Play and Games	2
EDUCATION	
The Pupil (Educational Psychology, Child Psychology, Child Growth and Development, etc.)	4-5
The School (History or Philosophy of Education, Foundations of Education, Organization & Management, etc.)	4-5
Methods (Including the teaching of Reading or Language Arts)	4-5
Student Teaching	5

(20 hours minimum requirement in Education)

201. GENERAL TECHNIQUES OF ELEMENTARY TEACHING. Study of the problems, techniques, and materials of instruction in the elementary school. Credit, 3 hours.

First semester. M., W., F. at 10:25. 201 Jewell Hall.

PROFESSOR CHILES.

202. **ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT.** A study of the organization of our public school system, and of classroom management as it applies to the elementary school. Emphasis on community and parent-teacher-pupil relationships.

Credit, 3 hours.

Second semester. M., W., F. at 10:25. 201 Jewell Hall.

PROFESSOR CHILES.

203. **MUSIC FOR PRIMARY GRADES.** A study of the objectives, materials, subject matter and methods of teaching music in primary grades. Emphasis on development of creative expression and good music training.

Credit, 2 hours.

First semester. T., Th. at 8:40. 104 Jewell Hall.

PROFESSOR CHILES.

204. **MUSIC FOR INTERMEDIATE GRADES.** A study of the objectives, materials, subject matter, and methods of teaching music in intermediate grades. Emphasis on appreciation of and participation in good music.

Credit, 2 hours. Prerequisite 203 or consent of instructor.

Second semester. T., Th. at 8:40. 104 Jewell Hall.

PROFESSOR CHILES.

205. **KINDERGARTEN METHODS.** This course is directed toward the special problem of the kindergarten teacher including child growth and development, organization of the kindergarten, planning the curriculum and program, teaching methods and materials and building good home-school relationships.

Credit, 3 hours. Prerequisite, 201.

First semester. M., W., F. at 8:40. 201 Jewell Hall.

ASSISTANT PROFESSOR KNOX.

207. **ART FOR PRIMARY GRADES.** Problems and procedures of teaching and supervision of art in primary grades with particular attention to creative abilities and crafts.

Credit, 2 hours.

First semester. T., Th. at 10:25. B-8 Marston Hall.

ASSISTANT PROFESSOR MITCHELL.

208. **ART FOR THE INTERMEDIATE GRADES.** The student experiments with a wide variety of art media appropriate for the intermediate age. The characteristics of child art are studied as well as the relationship of art to the curriculum and the development of the child.

Credit, 2 hours.

Second semester. T., Th. 10:25. B-8 Marston Hall.

ASSISTANT PROFESSOR MITCHELL.

211. **CHILDREN'S LITERATURE.** It is the purpose of this course to acquaint the student with the best literature for elementary school children. Development of standards and criteria for selecting materials with reference to interest, needs, and abilities of children at different age levels.

Credit, 3 hours.

First semester. M., W., F. at 11:20. 201 Jewell Hall.

PROFESSOR CHILES.

226. **PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS.** This course is concerned with the selection, organization and direction of physical activities appropriate for elementary school students. Consideration is given to corrective exercises, development drills, and to games which are planned for the pleasure of the participants. Open to teachers, or prospective teachers, of elementary schools, or to those interested in the physical education problems of youth.

Credit, 2 hours.

Second semester. M., W., F. at 1:15.

INSTRUCTOR KINMAN.

301. **TEACHING OF ARITHMETIC IN THE PRIMARY GRADES.** A study of the basic principles and mathematical concepts related to arithmetic in the primary school. Emphasis is placed on methods of making arithmetic meaningful to primary children.

Credit, 2 hours.

First semester. T., Th. at 8:40. 201 Jewell Hall.

ASSISTANT PROFESSOR MITCHELL.

302. **TEACHING OF ARITHMETIC IN THE INTERMEDIATE GRADES.** A study of the developmental sequence of arithmetic in the elementary school with concentration on meaningful teaching of fundamental processes in the intermediate grades. The history of numbers and a study of number systems is included. Attention is given to classroom organization providing for individual differences in learning.

Credit, 2 hours.

Second semester. T., Th. at 8:40. 201 Jewell Hall.

ASSISTANT PROFESSOR MITCHELL.

304. **GEOGRAPHY FOR TEACHERS.** Principles of geography through a study of climatic regions of the world, their soils, plant and animal life, and relief features. Attention is given to geography in the elementary curriculum, map study, visual aids, resource materials and effective teaching methods.

Credit, 3 hours.

Second semester. M., W., F. at 10:25. 202 Jewell Hall.

ASSISTANT PROFESSOR MITCHELL.

306. **TEACHING OF READING.** A study of principles, materials, and teaching procedures in primary and intermediate grades; survey of current practices and curricula.

Credit, 3 hours. Prerequisite, 201.

Second semester. M., W., F. at 8:40. 201 Jewell Hall.

PROFESSOR CHILES.

308. **SOCIAL STUDIES IN THE ELEMENTARY GRADES.** A study of the organization, sequence, and scope of the social studies in the elementary school. Unit planning, effective use of group processes, survey of community resources, use of audio-visual materials, evaluation of other instructional materials and procedures.

Credit, 2 hours.

Second semester. T., Th. at 10:25. 201 Jewell Hall.

ASSISTANT PROFESSOR KNOX.

315. **TECHNIQUE OF TEACHING IN HIGH SCHOOLS.** An intensive study of the principles underlying the teaching process, an evaluation of the common and newer teaching procedures, and consideration of the general factors in teaching, such as reviews and assignments.

Credit, 2 hours. Prerequisite, Psychology 212.

First semester. M., W. at 8:40. 202 Jewell Hall.

PROFESSOR ISLEY.

316. **HIGH SCHOOL ADMINISTRATION.** This course seeks to discover and apply the fundamental psychological principles upon which the organization and administration of the high school should be based.

Credit, 2 hours. Prerequisite, 315.

Second semester. M., W. at 8:40. 202 Jewell Hall.

ASSOCIATE PROFESSOR WICKE.

317. **EDUCATIONAL TESTS AND MEASUREMENTS.** A study of the formation, standardization, and application of educational tests with special reference to the use of these tests in public school systems. Actual practice is provided for training the student in the use of simple statistical procedure.

Credit, 2 hours. Prerequisite, Psychology 212.

First semester. T., Th. at 8:40. 202 Jewell Hall. Second semester: to be arranged.

ASSOCIATE PROFESSOR WICKE.

321 or 322. **HISTORY AND PHILOSOPHY OF EDUCATION.** A study of the development of western education from the Greeks through the present time. Education is viewed in broad perspective showing the major changes in the life and thought of society, and how these have been reflected in education theories and practice. An effort is made to high-light those trends and figures which gave education its distinctive character, and which have had the greatest influence on our time.

Credit, 3 hours.

Either semester.

First semester. M., W., F. at 11:20. 202 Jewell Hall.

Second semester. M., W., F. at 11:20. 202 Jewell Hall.

ASSISTANT PROFESSOR MITCHELL.

327. **PRINCIPLES AND METHODS OF GUIDANCE.** It is the purpose of this course to give the student an understanding of the concepts and techniques essential in the guidance processes in the elementary and secondary schools. Such topics are treated as: organization and administration of the guidance program, the responsibility of the classroom teacher, child study through tests and other techniques, counseling involving personal, educational, and vocational guidance.

Credit, 2 hours. Prerequisite, Psychology 211 and 212.

First semester. T., Th. at 11:20. 201 Jewell Hall.

ASSISTANT PROFESSOR MITCHELL.

338. **TEACHING THE SOCIAL STUDIES IN THE SECONDARY SCHOOL.** A study of the development and present status of Social Studies programs; aims and methods; testing and evaluation; special problem areas; professional aids to teachers; and observation and participation in actual classroom experiences. Open to those preparing to teach social science.

Credit, 2 hours. Prerequisite, 315.

Second semester. Hours to be arranged. Jewell Hall.

ASSOCIATE PROFESSOR WHALEY.

340. **TEACHING SCIENCE IN THE SECONDARY SCHOOL.** It is the purpose of this course to acquaint the student with methods for general science, biology, chemistry, and physics in the classroom and laboratory; objectives and organization of subject matter; evaluating of the pupil's progress; selection and buying of supplies and equipment; and planning of laboratories.

Credit, 2 hours. Prerequisite, 315.

Second semester. Hours to be arranged. 308 Marston.

PROFESSOR GIER.

342. **TEACHING ENGLISH IN THE SECONDARY SCHOOL.** A practical course in methods of teaching the various phases of secondary English. Some observation of teaching will be included. Open only to those preparing to teach English.

Credit, 2 hours.

Second semester. T., Th. 7:45. Jewell Hall.

344. **TEACHING FOREIGN LANGUAGE IN THE SECONDARY SCHOOL.** This course gives consideration to those problems which are of particular concern in the teaching of foreign languages in the secondary school. Included in the course are: functions and values of language study; organization of materials; methods of teaching; illustrative materials. Open only to those preparing to teach foreign languages.

Credit, 2 hours. Prerequisite, 315.

Second semester. T., Th. Hours to be arranged. Jewell Hall.

PROFESSOR McDANIEL.

345. **TEACHING MATHEMATICS IN THE SECONDARY SCHOOL.** This course is open to those who are preparing to teach high school mathematics. The different methods of presenting the subject matter of mathematics courses taught in high school, the motivation of students, evaluation of results, evaluation and selection of texts and materials, will be discussed. There will be drill in certain fundamentals of mathematics. References will be made to topics of modern mathematics.

Credit, 2 hours. Prerequisite, Education 315.

First semester. T., Th. Hours to be arranged.

PROFESSOR JONES.

348. **TEACHING OF SPEECH.** Designed for students who plan to teach speech, the course includes a survey of the literature of speech, a unit in curriculum planning, study of methods of supervising extracurricular speech activities, and practical work with freshman speech classes.

Credit, 2 hours. Offered in alternate years. Not offered in 1961-62.

Second semester. Hours to be arranged.

PROFESSOR BOWMAN.

352. AUDIO-VISUAL EDUCATION. This course is designed to acquaint the teacher with the various types of audio-visual aids and their use in supplementing other learning experiences. Students are provided an opportunity to plan for the use and operation of those aids that require skill in manipulation.

Credit, 2 hours. Prerequisite, 315 or 201.

Second semester. T., Th. at 8:40. 202 Jewell Hall.

PROFESSOR ISLEY.

380. TEACHING MUSIC IN THE HIGH SCHOOL. A study of materials and methods in both Instrumental and Vocal fields. Organization, and special techniques involved in teaching of Music.

Credit, 2 hours. Prerequisite, 315.

Second semester. T., Th. at 2:10.

INSTRUCTOR SLAGLE.

393. METHODS IN PHYSICAL EDUCATION. Identical with P.E. 393. See catalog for description.

Credit, 3 hours. Juniors and seniors only.

First semester. M., W., Th., F. at 12:15. Brown Gymnasium.

PROFESSOR PATTERSON.

411 or 412. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Following observation of teaching in a given grade, the student under the direction of the supervisor, assumes responsibility for teaching a class in elementary grades. Students preparing to teach in primary grades should plan to take the course during the first semester. Those planning to teach in intermediate grades should plan for the second semester. Formal application must be made in the second semester of the student's junior year to Professor Chiles, subject to the approval of the Committee on Student Teaching. Students should plan to take this course as one of the last courses toward the completion of the Elementary Education Major.

Credit, 5 hours.

First or Second semester. M., T., W., Th., F. each afternoon.

ASSISTANT PROFESSOR KNOX.

423 or 424. SUPERVISED STUDENT TEACHING IN THE HIGH SCHOOL. After preliminary observation the student under the direction of the supervisor, assumes the responsibility for the teaching of high school classes. The work will be planned for the student for the subjects and hours which suit best. Activities will include attending teachers' meetings, P.T.A. meetings, and group meetings at the college. Formal application must be made in the second semester of the student's junior year to Professor Isley, subject to the approval of the Committee on Student Teaching.

Credit, 5 hours.

First or second semester. By arrangement.

PROFESSOR ISLEY, ASSOCIATE PROFESSOR WICKE.

ENGLISH AND SPEECH

The John Phelps Fruit Department of English

PROFESSORS WILSON AND BOWMAN, Jewell Hall

ASSOCIATE PROFESSOR RICE, Jewell Hall

ASSISTANT PROFESSORS KINGSLEY, AND SPIDELL, Jewell Hall

ASSISTANT PROFESSOR FOX, Marston Hall

INSTRUCTORS KEELING, DUNHAM, AND LANE, Jewell Hall

Major in English: Twenty-four semester hours, excluding Composition (115, 116) and courses in public speaking and dramatics. The following courses are required: English 215, 216, 315, 316, 401, and 402. English majors are required to take History 115, 116 and are urged to take either History 221 or 222. Students intending to do graduate work in English should have as strong a background as possible in history, philosophy, and at least one foreign language. Graduate schools require a reading knowledge of German and French for the doctorate in English. Some require also a reading knowledge of Latin.

Major in Speech: Twenty-four semester hours, including Speech 101, 102, 201, 239, 240, 331, 336, 337; and 325 or Education 348. The course in World Drama (English 305-306) or in Shakespeare (English 415) may be offered for credit toward a major in Speech.

English Requirement for all Students: All students must take six hours of Composition (115, 116) during the freshman year. English 115-116 are prerequisite to all advanced courses in English.

Upper-class English Examination: In order that no student shall receive a degree from the college without a reasonable command of written English, the department will examine every student toward the end of his sophomore year and prescribe such remedial work as may seem necessary.

ENGLISH

100. WRITING LABORATORY. The techniques of expository writing, giving special attention to the individual student on a laboratory basis. Required of all students who fail the Upper-Class English Examination.

No credit.

First and second semesters. T., 1:15; Th., 2:10.

115, 116. COMPOSITION. Intensive reading from various types of literature with emphasis on ideas and composition. Review of fundamentals of grammar and usage. An introduction to the further study of literature with critical evaluation of selected works. Required of all students.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 7:45, 8:40, 10:25, 11:20, 12:15, 1:15, 2:10, and 3:05.

FRESHMAN STAFF.

211, 212. JOURNALISM — REPORTING AND EDITING. The techniques of newspaper writing, with emphasis on general reporting, editing, make-up, and layout. A study of the American press as a factor in modern mass

communication. Laboratory work on the college newspaper throughout the year.

Credit, 2 hours each semester.

First and second semesters. M., W. at 11:20. Laboratory periods for work on *The Student* to be arranged.

PROFESSOR BOWMAN.

215, 216. SURVEY OF ENGLISH LITERATURE. The development and trends of English literature from the beginnings through the Victorian Age. Some attention to the developing tendencies of the Modern Age. Required of all English majors and recommended to satisfy the humanities requirement for all students.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 10:25.

ASSISTANT PROFESSOR SPIDELL.

225, 226. SURVEY OF WORLD LITERATURE. A study of the masterpieces of world literature from the ancient Greek world to the present time. Designed particularly to satisfy the humanities requirement for those students who are not English majors. English majors must receive permission from the Head of the English Department before enrolling in this course.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 11:20.

PROFESSOR WILSON.

303, 304. CONTEMPORARY LITERATURE. A study of the major British and American poets and prose writers from 1900 to the present. Alternate years. Not offered 1961-62.

Credit, 3 hours each semester.

First and second semesters.

305, 306. SURVEY OF WORLD DRAMA. Development and principles of world drama from the Greek period to the contemporary age. Alternate years. Offered 1961-62.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 11:20.

ASSISTANT PROFESSOR KINGSLEY.

315, 316. SURVEY OF AMERICAN LITERATURE. The development and trends of American Literature from the Colonial period to the present. Required of all English majors and recommended to satisfy the humanities requirement for all students.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 1:15.

ASSISTANT PROFESSOR SPIDELL.

329. THE ENGLISH NOVEL FROM DEFOE TO THOMAS HARDY. A critical analysis of selected novels in order to observe the developments of this literary form. Alternate years. Not offered 1961-62.

Credit, 3 hours.

First semester.

330. **THE AMERICAN NOVEL.** A critical analysis of the major American novelists prior to 1900. Alternate years. Not offered 1961-62.

Credit, 3 hours.

Second semester.

335. **ENGLISH LITERATURE OF THE ROMANTIC PERIOD.** A detailed study of the origins, patterns, and temper of the Romantic Movement. Emphasis on major writers with some attention to minor writers of the period. Not offered 1961-62.

Credit, 3 hours.

First semester.

336. **ENGLISH LITERATURE OF THE VICTORIAN PERIOD.** A critical study of the major Victorian writers, exclusive of Robert Browning, as seen in relationship to the temper of their times. Some attention to minor writers of the period. Not offered 1961-62.

Credit, 3 hours.

Second semester.

PROFESSOR WILSON.

400. **HONORS IN ENGLISH.** A seminar course for specially qualified seniors who wish to read intensively in a particular period or aspect of English or American literature.

Credit, 3 hours.

Second semester. Hours to be arranged.

401. **HISTORY OF THE ENGLISH LANGUAGE.** The development of Modern English as a written and spoken language, emphasizing the influence of Old English and Middle English. Required of all English majors.

Credit, 3 hours.

First semester. M., W., F. at 2:10.

PROFESSOR WILSON.

402. **ADVANCED COMPOSITION.** The techniques and practices of composition on an advanced level. Required of all English majors.

Credit, 3 hours.

Second semester. M., W., F. at 2:10.

404. **MODERN ENGLISH USAGE.** A grammatical analysis of current usage, primarily American, designed for those who plan to teach. Open to upperclassmen who wish to improve their command of English grammar and syntax. Does not satisfy the humanities requirement for graduation.

Credit, 2 hours.

Second semester. T., Th. at 11:20.

PROFESSOR WILSON.

415. **SHAKESPEARE.** A careful study of the life of Shakespeare and a critical analysis of selected representative plays.

Credit, 3 hours.

First semester. M., W., F. at 8:40.

ASSISTANT PROFESSOR KINGSLEY.

416. **MILTON.** A study of the life and works of Milton with emphasis on the relationship of his prose and poetry to the religious and political problems of his time.

Credit, 3 hours.

Second semester. M., W., F. at 8:40.

ASSISTANT PROFESSOR KINGSLEY.

425. CHAUCER. A study of the life and writings of Chaucer with emphasis on *The Canterbury Tales* and related writings. The importance of Chaucer's work in the history of the English Language and its literature.

Credit, 3 hours.

First semester. T., Th. at 1:15, for one and one half hours.

PROFESSOR WILSON.

426. BROWNING. The development and scope of Browning's poetic art and philosophy as seen through a critical study of selected representative works.

Credit, 3 hours.

Second semester. T., Th. at 1:15, for one and one half hours.

PROFESSOR WILSON.

SPEECH AND DRAMA

101. FUNDAMENTALS OF SPEECH. A study of the vocal mechanism, voice improvement, pronunciation, bodily activity in speech, and expository speaking. Recordings will be made of each student's voice in order to aid him in speech improvement. This course and 102 fulfill the graduation requirement in Speech.

Credit, 2 hours.

First semester. T., Th. Hourly, from 8:40 through 1:15; and M., W. at 1:15. Expedited section, M., W., F. at 2:10 (Speech 101A.)

SPEECH STAFF.

101A. FUNDAMENTALS OF SPEECH. Designed for advanced students, this course accomplishes the basic work of Speech 101-102 in one semester. Admission by selection of the Speech Staff only. This course fulfills the graduation requirement in Speech.

Credit, 3 hours.

First semester. M., W., F. at 2:10.

INSTRUCTOR KEELING.

102. FUNDAMENTALS OF SPEECH. Speech organization, including the preparation and delivery of different types of speeches. Study of the psychological aspects of speaking, to guide the student in adapting his speech to the audience. This course and 101 fulfill the graduation requirement in Speech. Prerequisite: 101, or its equivalent.

Credit, 2 hours.

Second semester. T., Th. Hourly, 8:40 through 1:15.

SPEECH STAFF.

201. ARGUMENTATION AND DEBATE. The fundamentals of argumentative speech: analysis, outlining, evidence, and use of reasoning. This course is recommended for debaters, pre-law, ministerial, and missionary students.

Credit, 3 hours.

First semester. T., W., Th. at 2:10.

PROFESSOR BOWMAN.

202. **PERSUASIVE SPEECH.** Study and practice in the construction and delivery of persuasive speeches, with special attention to the needs of ministerial and missionary students. Training for participation in oratory and extemporaneous speaking.

Credit, 2 hours.

Second semester. T., Th. at 2:10.

PROFESSOR BOWMAN.

239. **ACTING.** The problems of the amateur actor. Special attention will be given to voice training, pantomime, and characterization.

Credit, 2 hours.

First semester. M., W. at 3:05.

ASSOCIATE PROFESSOR RICE.

240. **PLAY PRODUCTION.** The problems of a play director. Besides the selection and interpretation of plays and the casting and training of actors, the course will take up problems of scenery, lighting, costume, and make-up.

Credit, 2 hours.

Second semester. M., W. at 3:05.

ASSOCIATE PROFESSOR RICE.

325. **BRITISH AND AMERICAN PUBLIC ADDRESS.** Historical and critical study of significant British and American speakers, with analysis of structure, content, and influence of their works. Alternate years. Offered 1961-62.

Credit, 3 hours. Not open to freshmen.

Second semester. M., W., F. at 10:25.

PROFESSOR BOWMAN.

331. **ORAL INTERPRETATION OF LITERATURE.** Reading as a creative process. Individual guidance and practice designed to help the student to perfect his skill in oral reading so as to convey to others his understanding of what he reads.

Credit, 2 hours. Not open to freshmen.

First semester. T., Th. at 2:10.

ASSOCIATE PROFESSOR RICE.

334. **ADVANCED INTERPRETATION.** The study of program material and planning; the study of the platform art in the presentation of monologue, story, and play forms. Each student will have the opportunity to plan and present several programs during the semester, including an interpretation of a cutting from a novel or play.

Credit, 2 hours. Not open to freshmen. Prerequisite, Speech 331.

Second semester. T., Th. at 2:10.

ASSOCIATE PROFESSOR RICE.

336. **PHONETICS AND VOICE TRAINING.** The articulation and enunciation of the English language, and a study of the anatomy and physiology of the ear and vocal mechanism. Required of Speech majors. Alternate years. Offered 1961-62.

Credit, 2 hours.

First semester. T., Th. at 3:05.

ASSOCIATE PROFESSOR RICE.

337. **SPEECH CORRECTION.** A study of the more common physiological psychogenic speech disorders, and the methods used in correcting them.

Credit, 3 hours.

First semester. M., W., F. at 11:20.

ASSISTANT PROFESSOR FOX.

340. **CLINICAL PRACTICE.** An introduction to clinical methods and practice in assisting persons with minor speech defects.

Credit, 1 to 3 hours.

Both semesters. Time to be arranged.

ASSISTANT PROFESSOR FOX.

401. **CREDIT IN FORENSICS.** For the combining of quality and quantity of work done in forensics, students may be awarded scholastic credit. For attaining the degree of Proficiency in Pi Kappa Delta, the student shall receive 1 hour; for the degree of Honor, 1 hour; for the degree of Special Distinction, 2 hours of credit. The total amount of credit shall not exceed 4 hours. This provision does not preclude the taking of speech courses for additional credit. The forensic squad meets regularly, October to April. M., Th. at 3:00. 302 Jewell Hall.

PROFESSOR BOWMAN.

410. **SPEECH FOR TEACHERS.** The course is designed to increase the speech proficiency of the teacher and guide her in assisting pupils with simple speech defects. Units include expository speaking and report-making; oral reading; elements of speech correction. *Offered during the summer session only.*

Credit, 3 hours.

HISTORY

PROFESSOR PUGH, 210 JEWELL HALL

ASSISTANT PROFESSOR CUTHBERTSON, 111 JEWELL HALL

Major: Twenty-four semester hours.

History 115 and 116, are prerequisite to all courses for those majoring in history, and should be taken in the freshman or sophomore year. Juniors and seniors will not be admitted to these courses except by permission of the instructor.

115, 116. **MEDIEVAL AND MODERN EUROPEAN HISTORY.** A survey of European civilization from the fall of the Roman Empire to the end of the Napoleonic Era.

Credit, 3 hours. For freshmen and sophomores.

First and second semesters. M., W., F. at 7:45, 8:40, and 11:20. 203 Jewell Hall.

PROFESSOR PUGH.

221. **EARLY AMERICAN.** The development of the national life from the discovery of America to the Civil War. Particular emphasis is placed upon the political, social, and economic forces and institutions which have had an important part in determining the character of the national life.

Credit, 3 hours.

First semester. M., W., F. at 8:40, 10:25, and 1:15. Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

222. RECENT AMERICAN. A survey of the course of United States history from the close of the Civil War to the present time. The course emphasizes social, political, economic, and cultural developments in the life of America during this period. Special emphasis is placed upon problems which are more directly related to the present.

Credit, 3 hours.

Second semester. M., W., F. at 8:40, 10:25, and 1:15. Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

331, 332. EUROPE FROM 1815 TO THE PRESENT. A survey of European civilization from the close of the Napoleonic Era to the present. Emphasis will be given to the long range causes for the First World War, the reconstruction following the war, the background of the Second World War and postwar developments. Class meetings twice weekly, plus assigned extra readings and exercises.

Credit, 3 hours.

First and second semesters. T., Th. at 10:25. 203 Jewell Hall.

PROFESSOR PUGH.

333. MODERN RUSSIA. A study of the social, political, economic, and cultural development of Russia under the Czars with a more detailed study of the Revolution of 1917 and resultant changes.

Credit, 2 hours.

First semester. T., Th. at 8:40. 203 Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

334. LATIN AMERICA. Studies in Latin American history and cultures. A historical survey of Latin American countries with particular emphasis upon recent developments in our economic and diplomatic relations with them.

Credit, 2 hours.

First semester. T., Th. at 1:15. 203 Jewell Hall.

PROFESSOR PUGH.

335. MODERN ENGLAND. A study of the rise of English institutions and culture with emphasis on attempts to solve present day problems.

Credit, 2 hours.

Second semester. T., Th. at 8:40. 203 Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

336. THE FAR EAST. A survey course dealing with the development of the far eastern countries and territories, including China, Japan, India, the Philippines, the Dutch East Indies; with emphasis on present day developments and problems.

Credit, 2 hours.

Second semester. T., Th. at 1:15. 203 Jewell Hall.

PROFESSOR PUGH.

337, 338. AMERICAN DIPLOMACY. A study of America's role in international relations. Diplomatic events are studied chiefly as they reflect the evolution of a foreign policy.

Credit, 2 hours.

First and second semesters. T., Th. at 11:20. 101 Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

339. THE ANCIENT WORLD I. History and Civilization of the ancient Near East and Greece down to the death of Alexander the Great.

Credit, 2 hours.

First semester. T., Th. at 11:20. 101 Jewell Hall.

ASSOCIATE PROFESSOR PHILLIPS.

340. THE ANCIENT WORLD II. History and Civilization of the Hellenistic world after Alexander and of Rome to the fall of the Western Empire.

Credit, 2 hours.

Second semester. T., Th. at 11:20. 101 Jewell Hall.

ASSOCIATE PROFESSOR PHILLIPS.

441, 442. RESEARCH SEMINAR. Primarily for history and political science students who expect to do graduate work. An effort will be made to acquaint them with important bibliographical guides in the field and to develop the methods and techniques required for independent research papers to be determined by the interest of the student. Results of the research to be produced in thesis form. Students will be selected by the department head and approved by the curriculum committee.

Credit, 2 hours.

First and second semesters. Hours to be arranged.

PROFESSOR PUGH.

MATHEMATICS

PROFESSOR L. O. JONES, PROFESSOR MORROW,

ASSOCIATE PROFESSOR LAFRENZ

MARSTON HALL

Major: A student who presents four units of high school mathematics together with superior grades in all high school subjects may qualify for a major by taking Freshman Calculus (181 and 182) and eighteen hours of courses numbered above 300. Others will take Algebra 111 and Trigonometry 115, or equivalent; Analytical Geometry 118; Calculus 225 and 226; and 12 semester hours of courses numbered above 300.

101, 102. FOUNDATIONS OF MATHEMATICAL THOUGHT. The development of a vocabulary of mathematical terms and concepts is the first objective. The history of numbers and number systems. The contributions of number work to the culture of various countries at different periods in history. Thinking in terms of quantities. Symbols used in mathematics. Reasoning with the aid of mathematical symbols. The unique character and value of each of several branches of mathematics. Computational procedures on different levels.

Credit, 6 hours.

First and second semesters. M., W., F. at 1:15.

PROFESSOR JONES.

111. COLLEGE ALGEBRA. A rapid review of the fundamentals of algebra, a thorough treatment of functional dependence, exponents and radicals, quadratics, progressions, binomial theorem, and other topics.

Credit, 3 hours. Prerequisite, two units of high school mathematics, or consent of the professor.

First semester. M., W., F. at 11:20. 118 Marston Hall.

Second semester. M., W., F. at 11:20. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENTZ.

111A. COLLEGE ALGEBRA. A study of quadratics, binomial theorem, progressions, determinants, inequalities, partial fractions, mathematical induction, etc. This course is planned for those who intend to major in mathematics, physics, chemistry and those who take the pre-engineering course.

Credit, 3 hours. Prerequisites, $1\frac{1}{2}$ units of high school algebra, and one unit of high school geometry.

First semester. M., W., F. at 7:45 and 8:40. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENTZ, PROFESSOR JONES.

115. PLANE TRIGONOMETRY. Among topics included are: objects of trigonometry, functions of acute angles, logarithms, use of tables, solution of right triangles, reduction formulas, line value, radian measure, graphical representation, function of a single angle, identities, polar triangles, complex numbers.

Credit, 2 hours. Co-requisite 111, or equivalent.

First semester. T., Th. at 11:20. 118 Marston Hall.

Second semester. T., Th. at 11:20. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENTZ.

115A. TRIGONOMETRY. A rapid review of the fundamentals of plane trigonometry followed by a fuller treatment of: the law of sines, the law of cosines, the law of tangents, complex numbers, and spherical trigonometry.

Credit, 2 hours. Prerequisite, high school trigonometry, or equivalent.

First semester. T., Th. at 8:40 and 7:45. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENTZ, PROFESSOR MORROW.

118. PLANE AND SOLID ANALYTICAL GEOMETRY. Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, properties of conic sections, transformation of co-ordinates, polar co-ordinates, higher plane curves, elements of curve fittings, cylindrical and spherical co-ordinates, equations of planes, lines, and surfaces.

Credit, 5 hours. Prerequisite, 111 and 115, or equivalent.

Second semester. M., T., W., Th., F. at 7:45 and 8:40. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENTZ.

181, 182. ANALYTICAL GEOMETRY AND CALCULUS. This course includes all the topics usually included in analytical geometry that are considered

necessary for the study of advanced courses in mathematics. Also, all topics of a course in elementary calculus — the sophomore mathematics. It is the purpose that students who complete these courses shall be as well equipped to use mathematics as those who have had the first two years of the conventional mathematics.

Prerequisite: Four years of high school mathematics; Success on a test in Algebra and Trigonometry; *or* the consent of the Professor and Dean.

Credit, 10 hours.

First and second semesters. M., T., W., Th., F. at 8:40.

PROFESSOR JONES.

225. THE CALCULUS. This course seeks to introduce the fundamental concepts of calculus. Consideration is given to the following topics: the principle of limits, differentiation of algebraic forms, successive differentiation, differentials, integration of elementary functions, constant of integration, definite integral and applications.

Credit, 5 hours. Prerequisite, 118.

First semester. M., T., W., Th., F. at 10:25. 214 Marston Hall.

PROFESSOR MORROW.

226. THE CALCULUS. This is a continuation of course 225. Topics: differentiation of transcendental functions, parametric equations, curvatures, theory of mean values, integration of standard forms, reduction formulas, series, hyperbolic functions with applications.

Credit, 5 hours. Prerequisite, 225.

Second semester. M., T., W., Th., F. at 10:25. 214 Marston Hall.

PROFESSOR MORROW.

332. ANALYTICAL MECHANICS (Statics). This course will include fundamental laws, concepts, and definitions, resultants of force systems (parallel and non-parallel, concurrent and non-current, in planes and in space), equilibrium of force systems, couples, trusses, cranes, cables, friction, centroids, moments of inertia.

Credit, 3 hours. Co-requisite, 226.

Second semester. M., W., F. at 8:40. 214 Marston Hall.

PROFESSOR MORROW.

333. ANALYTICAL MECHANICS (Dynamics). A continuation of Mathematics 332. Topics: motion of particles, velocity and acceleration (linear and angular), force, mass, moments, translation, rotation, plane motion, relative motion, work, energy, impulse, momentum.

Credit, 3 hours. Prerequisite, 332.

First semester. M., W., F. at 8:40. 214 Marston Hall.

PROFESSOR MORROW.

335. DIFFERENTIAL EQUATIONS. A few of the topics are: differential equations of the first order and first degree, and first order of higher degrees, singular solutions, linear equations, with constant and variable coefficients, exact differential equations, integration in series.

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 7:45. 214 Marston Hall.

PROFESSOR JONES.

336. **THEORY OF EQUATIONS.** An introductory course. Among the topics included in this course are: elementary properties of equations, complex numbers, the fundamental theorem, elementary transformation of equations, locations of roots of equations, solutions of binomial equations, reciprocal equations, determinants.

Credit, 3 hours. Prerequisite, 226.

Second semester. M., W., F. at 7:45. 214 Marston Hall.

PROFESSOR JONES.

438. **ABSTRACT ALGEBRA.** A study of the development of algebra from its beginning to the present. Attention will be given to number theory, number systems, symbolism, and applications as they have affected the nature of algebra. Introduction to the fundamentals of topology and symbolic logic as used in mathematics.

Credit, 3 hours. Prerequisite, 226.

Second semester. M., W., F. at 11:20 or by arrangement. 214 Marston Hall.

PROFESSOR JONES.

441. **SELECTED TOPICS FROM HIGHER MATHEMATICS.** This course is an extension of the study of Calculus, intended to follow Mathematics 226. Consideration will be given to: Limits and Continuity, Definite Integrals, Multiple Integrals, Infinite Series, Partial Differentiation, Line Integrals, Applications, and other topics selected to meet the needs of the students.

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 10:25. 214 Marston Hall.

PROFESSOR JONES.

442. **SELECTED TOPICS FROM HIGHER MATHEMATICS.** A course in Advanced Calculus. Among the topics considered are: Fourier Series, Taylor's Series, Green's Theorem, Lagrange Multipliers, Gamma and Beta Functions, etc.

Credit, 3 hours. Prerequisite, 441.

Second semester. M., W., F. at 10:25. Marston Hall.

PROFESSOR JONES.

451. **SPECIAL PROBLEMS.** This course is planned for a student who is majoring in mathematics, and has a special interest in particular topics not covered by a course included in his or her program. The work will be done largely by appointment. The student will be expected to report to a group on the work done. Tests will be both oral and written.

Credit, 1 hour. Prerequisite, Mathematics 226 plus six hours of mathematics which have course numbers above 300.

First or second semester. Hours to be arranged. 214 Marston Hall.

PROFESSOR JONES.

ASTRONOMY

131, 132. **DESCRIPTIVE ASTRONOMY.** A study of astronomical terms, heavenly bodies, instruments used in astronomical observations. There will be a brief historical treatment of astronomy and its contributions to other sciences. Observations will be made as often as weather conditions permit,

until the need and interest are met. Allowable toward science-mathematics block requirement if other college mathematics is also taken.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 10:25. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENZ.

ENGINEERING DRAWING

105. **ENGINEERING DRAWING.** Use of instruments, lettering, geometric curves, inking, tracing, orthographic and isometric projections. Technical sketching, preparation of working drawings, detailing of machines, assembly drawings, auxiliary and oblique views.

Credit, 3 hours.

First semester. M., W., F. at 1:15. 117 Marston Hall.

PROFESSOR MORROW.

108. **ENGINEERING PROBLEMS.** (Slide Rule.) This course is designed to give the student a background for his engineering studies, to acquaint him with the various fields of engineering and to aid him in adopting efficient methods of study. (Post's Versalog Rule required.)

Credit, 2 hours. Prerequisite, trigonometry.

Second semester. M., W. at 1:15. 117 Marston Hall.

PROFESSOR MORROW.

204. **DESCRIPTIVE GEOMETRY.** Graphical solution of geometric problems in three dimensions. Problems relate to the orthographic projection of the point, line, plane, and solid. Intersection and development of surfaces and practical application of the principles involved. Emphasis is placed on developing the student's ability to visualize.

Credit, 3 hours. Prerequisite, 105.

Second semester. M., W., F. at 2:10. 117 Marston Hall.

PROFESSOR MORROW.

206. **SPECIAL DRAFTING PROBLEMS.** Pictorial representation, engineering maps, patent drawings, charts. Students select one-half of problems.

Credit, 2 hours. Prerequisite, 205.

Second semester. T., Th. at 2:10, or by arrangement. 117 Marston Hall.

SUGGESTED PROGRAM OF STUDY FOR MATHEMATICS MAJOR

FIRST SEMESTER		<i>Freshman Year</i>	SECOND SEMESTER	
English 115	3	English 116	3	
Mathematics 111 or 111A	3	Mathematics 118	5	
Mathematics 115 or 115A	2	Physical Education 102	1	
Physical Education 101	1	Science Elective	5	
Science Elective	5	Speech 102	2	
Speech 101	2	Total	16	
Total	16			
		<i>Sophomore Year</i>		
French 111	4	French 112	4	
Mathematics 225	5	Mathematics 226	5	
Science Elective	5	Science Elective	6	
Total	14	Total	15	

<i>Junior Year</i>			
French 211	3	French 212	3
Mathematics 335	3	Mathematics 336	3
Philosophy 201	3	Philosophy 202	3
Religion 111	2	Religion 112	2
Electives	5	Mathematics 331	3
Total	16	Total	14
<i>Senior Year</i>			
Economics 101	3	Economics 102	3
Mathematics 441	3	Mathematics 442	3
Mathematics 332	3	Philosophy 231	2
Psychology 211	3	Psychology 214	3
Sociology 211	3	Elective	5
Total	15	Total	16

MODERN LANGUAGES

PROFESSORS McCARTY AND McDANIEL, ASSISTANT PROFESSOR
 ROTSCH, INSTRUCTOR DAMER, Jewell Hall
 PROFESSOR BRUNER, Marston Hall

A language laboratory is an integrated part of modern language instruction at William Jewell College. First year students are required to attend the laboratory two hours a week, second year students, one hour. Progress is evaluated by means of regular laboratory quizzes.

FRENCH

Major: Twenty-four semester hours, excluding French 111.

111, 112. **ELEMENTARY FRENCH.** The essentials of grammar, pronunciation, practice in diction, composition, conversation, and reading.

Credit, 4 hours each semester.

First and second semesters. M. through F., hourly from 8:40 through 12:15; with laboratory hour M. at 7:45, 12:15, 2:10, or 3:05.

ASSISTANT PROFESSOR ROTSCH, INSTRUCTOR DAMER.

211, 212. **INTERMEDIATE FRENCH.** Review of grammar; translation from representative French writers. Practice in conversation. Attention is given to French culture, and to the importance of French in literature and art.

Credit, 3 hours each semester. Prerequisite, 112, or two years of high school French.

First and second semesters, M., W., F. at 8:40, 10:25, and 11:20; with laboratory hour Friday at 12:15, 1:15, 2:10, or 3:05.

PROFESSOR McCARTY, ASSISTANT PROFESSOR ROTSCH, INSTRUCTOR DAMER.

301, 302. **FRENCH COMPOSITION AND CONVERSATION.** An advanced course designed to further the ability of the student to express himself orally in French, and to perfect his mastery of the written idiom.

Not offered 1961-62.

Credit, 2 hours each semester. First and second semesters.

311. SURVEY OF FRENCH LITERATURE TO THE EIGHTEENTH CENTURY. An integrating course designed to give a general view of the development of French literature from the beginning to the eighteenth century. An anthology will be used as a basis of the course, supplemented by additional readings in the principal authors studied.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

First semester. M., T., W., Th. at 1:15.

ASSISTANT PROFESSOR ROTSCH.

312. SURVEY OF FRENCH LITERATURE FROM THE EIGHTEENTH CENTURY TO THE PRESENT. A continuation of 311 with a general view of the development of French literature during this period.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

Second semester. M., T., W., Th. at 1:15

ASSISTANT PROFESSOR ROTSCH.

317, 318. THE MODERN FRENCH NOVEL. This course is conducted as a seminar, and involves wide reading on the part of the student from such authors as Balzac, Stendhal, Flaubert, Proust, Gide, Malraux, Sartre, and Camus. Both oral and written reports on the reading will be required. Enrollment by consent of instructor. Not offered 1961-62.

Credit, 2 hours each semester.

GERMAN

Major: Twenty-four semester hours, excluding German 111.

111, 112. ELEMENTARY GERMAN. Essentials of grammar, pronunciation, conversation, reading, and folk-songs.

Credit, 4 hours each semester.

First and second semesters. M., T., W., Th., F. at 1:15, plus an additional hour in the laboratory to be assigned, W., 7:45, 8:40, 12:15, or 3:05

PROFESSOR McCARTY.

211, 212. INTERMEDIATE GERMAN. Study of idiomatic German through intensive reading. Introduction to German literature and culture through selections from poetry, drama, and prose-fiction.

Credit, 3 hours each semester. Prerequisite, 112, or two years of high school German.

First and second semesters. M., W., F. at 2:10, plus an additional hour in the laboratory T. at 2:10.

PROFESSOR McCARTY.

311. INTRODUCTION TO GERMAN CLASSICS. A study of the major works of Lessing, Goethe, and Schiller. *Alternates with 313.* Not offered 1961-62.

Credit, 4 hours.

First semester.

PROFESSOR McCARTY.

312. INTRODUCTION TO GERMAN MASTERPIECES. A continuation of 311 with emphasis on the works of Kleist, Grillparzer, and Hebbel. *Alternates with 314.* Not offered 1961-62.

Credit, 4 hours.
 Second semester
 PROFESSOR McCARTY.

313. SURVEY OF GERMAN LITERATURE. A study and analysis of representative selections in German literature from its beginning through the fifteenth century. *Alternates with 311.* Offered 1961-62.

Credit, 4 hours.
 First semester. M., T., W., Th. at 10:25.
 PROFESSOR McCARTY.

314. SURVEY OF GERMAN LITERATURE. A continuation of 313 with emphasis on subject-matter and selections from 1600 to the present. *Alternates with 312.* Offered 1961-62.

Credit, 4 hours.
 Second semester. M., T., W., Th. at 10:25.
 PROFESSOR McCARTY.

SPANISH

Major: Twenty-four semester hours, excluding Spanish 111.

111, 112. ELEMENTARY SPANISH. The essentials of grammar, pronunciation, practice in diction, composition, conversation, and reading.

Credit, 4 hours each semester: M., T., W., Th., F., hourly, 7:45 through 11:20; and at 1:15. Additional laboratory hour Th. at 7:45, 11:20, 2:10, or 3:05.

PROFESSORS BRUNER AND McDANIEL, INSTRUCTOR DAMER.

211, 212. INTERMEDIATE SPANISH. Review of grammar with further practice in composition and conversation. Extensive reading from contemporary Spanish and Latin-American authors.

Credit, 3 hours each semester. Prerequisite, 112, or its equivalent.

First and second semesters. M., W., F.: at 8:40, 10:25, and 1:15. Plus laboratory period T., at 7:45, 12:15, or 3:05.

PROFESSORS BRUNER AND McDANIEL.

311. INTRODUCTION TO SPANISH-AMERICAN LITERATURE. This course and 312 alternate with course 313 and 314. Representative Latin-American authors from the Colonial period to 1900 are studied together with the history and cultural background of the Latin-American peoples. Offered 1961-62.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

First semester. M., T., W., Th. at 11:20.

PROFESSOR McDANIEL.

312. CONTEMPORARY SPANISH-AMERICAN LITERATURE. In connection with reading from recent Latin-American authors, current social, political, educational, and economic problems of Latin-America are studied and discussed. Offered 1961-62.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

Second semester. M., T., W., Th. at 11:20.

PROFESSOR McDANIEL.

313. A SURVEY OF SPANISH LITERATURE TO 1800. Emphasis is placed on the study of the epic forms, the Celestina, and the literature of the Golden Age. Not offered 1961-62.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

First semester.

PROFESSOR McDANIEL.

314. SURVEY OF MODERN SPANISH LITERATURE. Rapid reading from authors of the nineteenth and twentieth centuries. Collateral reading and reports. Not offered 1961-62.

Credit, 4 hours. Prerequisite, 212, or its equivalent.

Second semester.

PROFESSOR McDANIEL.

SUGGESTED PROGRAM OF STUDY FOR A MAJOR IN A MODERN FOREIGN LANGUAGE

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
History 115	3	History 116	3
A Modern Foreign Language 111	4	A Modern Foreign Language 112	4
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Phys. Ed. 101	1	Phys. Ed. 102	1
<hr/>		<hr/>	
15		15	

Sophomore Year

English 215	3	English 216	3
A Modern Foreign Language 111	4	A Modern Foreign Language 112	4
A Modern Foreign Language 211	3	A Modern Foreign Language 212	3
Psychology 211	3	Math. 111	3
Biology 107	3	Biology 108	3
<hr/>		<hr/>	
16		16	

Junior Year

A Modern Foreign Language 211	3	A Modern Foreign Language 212	3
A Modern Foreign Language 311	4	A Modern Foreign Language 312	4
Botany 201 (or Science elective) ..	3	Botany 202 (or Science elective) ..	3
Amer. Hist. 221	3	Amer. Hist. 222	3
Electives	3	Electives	3
<hr/>		<hr/>	
16		16	

Senior Year

A Modern Foreign Language		A Modern Foreign Language	
313 or 317	4	314 or 318	4
Philosophy (e.g., 203)	2	Philosophy (e.g., 204)	2
Humanities Elec.	3	Science Elective	3
Electives*	6	Electives	6
<hr/>		<hr/>	
15		15	

*English 401 or 415 recommended.

MUSIC

PROFESSOR CADY, PROFESSOR LAKIN, ASSOCIATE PROFESSOR LOVAN,
ASSISTANT PROFESSOR MILLSOM, INSTRUCTORS SLAGLE, AND RIEMER
GANO CHAPEL

Major in Music (with an emphasis in voice or an instrument): Thirty-eight semester hours, including eight hours in the chosen area of applied music; eighteen hours of theory; six hours of History of Music; two hours of Band, Orchestra or Chorus; and Piano 131, 132, or equivalent, if the area of applied music is not piano, or Voice 141, 142, if the area of applied music is not voice.

Majors in this category will be required to participate in either a choral or an instrumental ensemble each semester, with or without credit.

With Music Education Option: Forty semester hours, including eighteen hours of theory, six hours of Music History, two hours of conducting, eight hours of applied music leading toward a senior recital, four hours of voice and/or piano if the applied music is not in these fields, and two hours of strings (109, 110).

Majors in this category are required to participate in one choral and one instrumental ensemble with or without credit, each semester until the senior year. In the senior year, participation in one ensemble only is required.

In addition to the above, the following courses are required by the State of Missouri for certification and are recommended for adequate preparation:

For the secondary certificate—Psychology 212; Education 315, 316, 322, 323, and 423(4); two hours of Band or Orchestra and two hours of chorus.

For the elementary certificate—Psychology 212; Education 203 or 204, 201, 202, 411(2), 322; two hours of Band or Orchestra and two hours of chorus.

In order to be assured that prospective student teachers are adequately prepared to accompany and direct from the piano as well as to assist a group to sight-read without the aid of an instrument, proficiency examinations in these areas will be required. The examinations will be given at the end of the junior year by no less than two members of the faculty. Prepared piano and vocal works are not the concern here. The examination is to determine whether or not the candidate is competent to teach a class in vocal music, accompany a choral group or solo, and to use the piano as a teaching instrument.

1. Vocal Sight-reading Proficiency Test:
 - a) sight-read all parts of a four part composition, transposing an octave where vocally necessary.
 - b) sight-read an accompanied song in which the accompaniment does not double the voice.
2. Piano Sight-reading Proficiency Test:
 - a) sight-read choral accompaniments of moderate difficulty.

- b) sight-read a four part open score without the accompaniment score.
- c) sight-read an accompaniment to a solo song with a vocalist.

With Sacred Music Option: Forty semester hours including ten hours of piano, organ, and voice; eighteen hours of Theory; two hours of hymnology; two hours of Church music; two hours of Conducting; six hours of History of Music; and participation in one choral group each semester, with or without credit.

THEORY

Piano Proficiency Test must be passed in order to take Theory I. Students should plan to take this examination prior to taking Theory I but may postpone the test until sometime during the first semester, if they indicate sufficient facility in piano technique. The test will consist of: (A) Sight-reading a Bach Choral. (B) Demonstrating facility at the piano by playing a simple composition known to the student and of his choice. Anyone who cannot pass this examination and desires to major in the music department should plan a year of intensive study of piano.

101, 102. THEORY I. Elementary theory: a) Fundamentals of music, b) Ear Training and Sight Singing, c) Keyboard Harmony.

101a, 102a. Scales, Notation and Harmony. M., W. 2 hours.

101b, 102b. Ear Training and Sight Singing. T., Th. 1 hour.

101c, 102c. Keyboard Harmony. F. 1 hour.

A student should be prepared to take 101, 102 as a complete course. No section will be offered separately, except where extreme individual need occurs.

Prerequisite: Piano Proficiency Test or concurrent enrollment in a piano course.

Credit, four hours each semester.

First and second semesters. M., T., W., Th., F. at 8:40.

PROFESSOR LAKIN.

201, 202. THEORY II. Secondary seventh chords, dominant and secondary ninth chords, modulation, transition. Further ear training, sight singing and keyboard harmony.

Credit, 3 hours each semester. Prerequisite, 102.

First and second semesters. M., W., F. at 10:25.

PROFESSOR LAKIN.

301. COUNTERPOINT.

Credit, 2 hours. Prerequisite, 202.

First semester. T., Th. at 10:25.

INSTRUCTOR SLAGLE.

302. FORM AND ANALYSIS.

Credit, 2 hours. Prerequisite, 301.

Second semester. T., Th. at 10:25.

INSTRUCTOR SLAGLE.

HISTORY AND APPRECIATION

121, 122. MUSIC APPRECIATION. A course designed for those who have no formal background in the study of musical art. The elements of music, music's place in life, the shorter and larger forms, program music, biographical and historical elements contributing to its development as an art. For non-music majors.

Credit, 3 hours each semester.

First and second semesters continuously. M., W., F. at 1:15.

INSTRUCTOR SLAGLE.

315, 316. HISTORY OF MUSIC. A survey of music from prehistoric man to the present day.

Credit, 3 hours each semester.

First and second semesters continuously. M., W., F. at 11:20.

PROFESSOR CADY.

SACRED MUSIC

317. CHURCH MUSIC. Organization and direction. The organization of the multiple choir system, maintenance of the choir, rehearsals, auditions, repertoire for the small church choir, vocal methods for adults and children, materials for the children's choir and general worship techniques.

Credit, 2 hours.

First semester. T., Th. at 1:15.

ASSISTANT PROFESSOR MILLSOM.

318. HYMNOLOGY. A study of hymns and hymn writers; the place of the hymn in the worship service; analysis of the elements constituting good hymns; a critical study of published hymnals.

Credit, 2 hours.

Second semester. T., Th. at 1:15.

ASSISTANT PROFESSOR MILLSOM.

CONDUCTING

319. CONDUCTING — CHORAL AND INSTRUMENTAL. The fundamentals of rhythmic movement, vocal dynamics, instrumental dynamics, choral tone, use of the baton, reading of scores, and creative interpretation.

Credit, 2 hours. Prerequisite, 101 and 102 or permission of the instructor.

First semester. T., Th. at 2:10.

PROFESSOR CADY.

INSTRUMENTAL

107, 108, 207, 208, 307, 308, 407, 408. BAND. Open to all regularly enrolled members of the college, subject to audition.

Credit, 1 hour each semester.

First and second semesters. M., W., F. at 2:10.

PROFESSOR LAKIN.

109, 110. STRING INSTRUMENTS. (Class instruction) The study of violin, viola, cello and bass. Teaching techniques for string instruments.

Credit, 1 hour each semester.

First and second semesters. Th. at 2:10.

INSTRUCTOR RIEMER.

113, 114, 213, 214, 313, 314, 413, 414. ORCHESTRA. Any college student is eligible. Selection is by audition.

Credit, 1 hour.

First and second semesters. M. 4:05-5:30, and String sections only on Th. 3:05.

PROFESSOR LAKIN, INSTRUCTOR RIEMER.

Note: The Thursday rehearsal is for Strings only. Wind and Percussion players to be selected from membership of the Band and will receive credit in the Band. Band members may substitute the Monday Orchestra rehearsal for the Monday Band rehearsal.

336. BRASS AND PERCUSSION INSTRUMENTS. (Class instruction) The study of trumpet, trombone, baritone, French horn, bass, etc. Teaching techniques for brass and percussion instruments.

Credit, 2 hours.

Second semester. T., Th. at 11:20.

PROFESSOR LAKIN.

384. WOOD-WIND INSTRUMENTS. (Class instruction) The study of clarinet, flute, oboe, bassoon, and saxophone. Fundamentals of technique, maintenance and simple repairs. Examination and evaluation of teaching methods. Teaching techniques for wood-wind instruments.

Credit, 2 hours.

Second semester. T., Th. at 11:20.

PROFESSOR LAKIN.

CHORAL AND VOCAL

105, 106. MUSIC FUNDAMENTALS. (Limited to six students) A study of the rudiments of music, sight singing, fundamentals of vocal production, and fundamentals of conducting designed to meet the needs of those who are preparing for ministerial work.

Credit, 2 hours each semester.

M., W. at 12:15. T., Th. at 11:20.

See Special Fees.

ASSISTANT PROFESSOR MILLSOM.

111, 112, 211, 212, 311, 312, 411, 412. THE WILLIAM JEWELL CHORUS. Membership in the Chorus is required of certain music majors and is open to all regularly enrolled members of the college, subject to audition. This organization will prepare sacred and secular music to be performed on campus throughout the year. Participation in the Chapel services as a robed choir will be required of all members.

Credit, 1 hour each semester.

First and second semesters. T., Th. 4:00-5:15.

PROFESSOR CADY.

303, 304. THE A CAPPELLA CHOIR. An organization of limited membership selected for tone production and musicianship. This organization will represent the college in public engagements. Its repertoire will include sacred and secular works. Members will be selected by audition. Those auditioning should plan to remain in the group for the entire school year.

No credit.

M., F. at 3:05. Sectional rehearsals to be arranged.

PROFESSOR CADY.

APPLIED MUSIC

Applied Music means private lessons in piano, organ, voice, strings, brass, or wood-wind instruments. Each course of study is arranged to meet the individual needs of the student. One half-hour lesson per week plus one hour of practice per day earns one semester hour of credit. All students are required to participate in a studio recital each semester. Music Majors are required to present a recital in their chosen area of applied music in their senior year.

The hours for private lessons are arranged with Professor Cady (voice), Professor Lakin (strings, wood-winds, and brass), and Mrs. Lovan (organ and piano).

PIANO (beginner). 125, 126, 225, 226.

ASSOCIATE PROFESSOR LOVAN, INSTRUCTOR SLAGLE.

PIANO (advanced). 131, 132, 231, 232, 331, 332, 431, 432.

ASSOCIATE PROFESSOR LOVAN, INSTRUCTOR SLAGLE.

ORGAN. 161, 162, 261, 262, 361, 362, 461, 462.

ASSOCIATE PROFESSOR LOVAN.

VOICE. 141, 142, 241, 242, 341, 342, 441, 442.

PROFESSOR CADY, ASSISTANT PROFESSOR MILLSOM.

STRINGS. 127, 128, 227, 228, 327, 328, 427, 428.

INSTRUCTOR REIMER.

WOOD-WINDS. 123, 124, 223, 224, 323, 324, 423, 424.

PROFESSOR LAKIN.

BRASS. 137, 138, 237, 238, 337, 338, 437, 438.

PROFESSOR LAKIN.

MUSIC EDUCATION

380. TEACHING OF MUSIC IN THE HIGH SCHOOL. For details, see 380 under Education.

PHILOSOPHY

The W. D. Johnson Department of Philosophy

PROFESSOR TROTTER AND PROFESSOR HUNT, 112 Jewell Hall

Major: Twenty-six semester hours including courses 201, 202, 231, 301, 302, 303, and 304.

201. INTRODUCTION TO PHILOSOPHY. An introductory study of the chief problems, methods, and values of philosophy. Attention is given to the principles of building a constructive philosophy of life.

Credit, 3 hours.

First semester. M., W., F. at 7:45, 8:40, 10:25 and 11:20. 102 Jewell Hall.

PROFESSORS TROTTER AND HUNT.

202. **ETHICS.** A study of the major views of the good life as set forth by the traditional schools of philosophy and by Christianity, of particular areas of human conduct (family, state, economic order, etc.), and of the metaphysical foundations of ethics.

Credit, 3 hours.

Second semester. M., W., F. at 7:45, 8:40, 10:25, and 11:20. 102 Jewell Hall.

PROFESSORS TROTTER AND HUNT.

203. **HISTORY OF WESTERN THOUGHT: ANCIENT AND MEDIEVAL.** A survey of the major patterns of thinking about the physical universe, human existence, religious reality, political and social life, and the arts which are expressed in the cultural life of the Greeks, the Hebrews, the Romans, the early Christians, and the Medievalists. Readings will be assigned in some of the great classics of western intellectual history.

Alternates with Philosophy 243. Offered 1961-62.

Credit, 2 hours.

First semester. T., Th. at 7:45. 102 Jewell Hall.

PROFESSOR TROTTER.

204. **HISTORY OF WESTERN THOUGHT: MODERN.** A study of the contributions of the Renaissance, the Reformation, the Enlightenment, the Romantic movement, and modern science to the making of the modern mind. Readings will be assigned in the great classics in modern thought.

Alternates with Philosophy 244. Offered 1961-62.

Credit, 2 hours.

Second semester. T., Th. at 7:45. 102 Jewell Hall.

PROFESSOR TROTTER.

207. **PHILOSOPHY OF RELIGION.** A philosophical examination of the development of belief and disbelief, the relation of faith and reason, the meaning of revelation, the existence and nature of God. Attention will be centered both on an understanding of the concept of God in the Christian tradition and on developing the student's own religious understanding.

Alternates with Philosophy 233. Offered 1961-62.

Credit, 2 hours.

First semester. T., Th. at 8:40. 102 Jewell Hall.

PROFESSOR HUNT.

208. **PHILOSOPHY OF RELIGION.** A continuation of the philosophical examination of the religious life, especially as it is expressed in such problems as the problem of evil, prayer, salvation, and immortality. Special attention will be given to enabling the student to formulate critically and systematically his own views.

Alternates with Philosophy 234. Offered 1961-62.

Credit, 2 hours.

Second semester. T., Th. at 8:40. 102 Jewell Hall.

PROFESSOR HUNT.

231. **LOGIC.** A study of the valid principles of critical thinking. The course constitutes an introduction to formal logic and modern scientific thinking.

Credit, 2 hours.

Both semesters. T., Th. at 10:25. 102 Jewell Hall.

PROFESSOR HUNT.

233. POLITICAL PHILOSOPHY. A study of political ideas with a view to understanding the basic principles of the democratic state, especially as these principles conflict with other political ideologies, such as Fascism and Communism.

Alternates with Philosophy 207. Not offered 1961-62.

Credit, 2 hours.

First semester. T., Th. at 8:40. 102 Jewell Hall.

PROFESSOR HUNT.

234. POLITICAL PHILOSOPHY. A continuation of the study of political ideas, with emphasis on such problems as economic justice, war, and world order.

Alternates with Philosophy 208. Not offered 1961-62.

Credit, 2 hours.

Second semester. T., Th. at 8:40. 102 Jewell Hall.

PROFESSOR HUNT.

243. EARLY AND MEDIEVAL CHRISTIAN THOUGHT. A study of the way in which early and medieval Christian thinkers sought to interpret their Christian faith. Particular attention will be devoted to the relationship between philosophy and Christian theology and to the idea of a Christian philosophy. Readings will be assigned in the works of outstanding Christian thinkers. Alternates with Philosophy 203. Not offered 1961-62.

Credit, 2 hours.

First semester. T., Th. at 7:45. 102 Jewell Hall.

PROFESSOR TROTTER.

244. MODERN CHRISTIAN THOUGHT. A survey of the major interpretations of the Christian faith from the Protestant Reformation to the present time. Readings will be assigned in Christian classics, such as those by Luther, Calvin, Wesley, Edwards, Schleiermacher, Ritschl, Kierkegaard, and Barth. Alternates with Philosophy 204. Not offered 1961-62.

Credit, 2 hours.

Second semester. T., Th. at 7:45. 102 Jewell Hall.

PROFESSOR TROTTER.

301. HISTORY OF PHILOSOPHY: ANCIENT AND MEDIEVAL.

Credit, 3 hours.

First semester. Hours to be arranged.

PROFESSOR HUNT.

302. HISTORY OF PHILOSOPHY: DESCARTES TO KANT.

Credit, 3 hours.

Second semester. Hours to be arranged.

PROFESSOR HUNT.

303. HISTORY OF PHILOSOPHY: THE NINETEENTH CENTURY.

Credit, 3 hours.

First semester. Hours to be arranged.

PROFESSOR TROTTER.

304. HISTORY OF PHILOSOPHY: THE TWENTIETH CENTURY.

Credit, 3 hours.

Second semester. Hours to be arranged.

PROFESSOR TROTTER.

Tutorial Courses

Special reading courses can be arranged for advanced students who meet the approval of the department. The courses consist of the study of major philosophers through the reading of their works. The following courses are offered: Plato (371), Kant (372), Aristotle (373), the British Empiricists (374), Medieval Philosophy (375), Protestant Thought (376), Existentialism (377).

Credit, 2 hours.

Both semesters. Hours arranged on a conference basis.

PROFESSORS HUNT AND TROTTER.

PHYSICAL EDUCATION

PROFESSOR PATTERSON, ASSOCIATE PROFESSOR NELSON

ASSISTANT PROFESSOR GOURLEY, INSTRUCTORS KINMAN AND MEGOWN

BROWN GYMNASIUM

Major: Twenty-four semester hours, for both men and women. Must include the following courses: 115, 116, 325, 332, 392, 393, and Physiology and Anatomy. All those who plan to teach Physical Education must meet state certification requirements to teach in an additional field.

INTERCOLLEGIATE ATHLETICS.

William Jewell College is a member of the Missouri College Athletic Association. Intercollegiate sports consist of football, basketball, track, baseball, tennis, golf, wrestling, and cross country.

The administration and faculty of William Jewell College recognize that intercollegiate athletics is of real value to the participants and has a place in a sound educational program. There are certain principles and safeguards to which the college is definitely committed.

1. Scholarships, work aid, and other financial aids are given to athletes upon the same basis as aids to other students.

2. All scholarships and aids must be approved by the Scholarship Committee, of which the Dean of Students is Chairman.

3. No special consideration is given to athletes in college classes. They must meet the same academic standards as other students.

4. There are no "snap" courses in the curriculum to accommodate athletes.

5. The athletic budget is made and controlled by the college administration in the same manner as the budgets of other departments.

INTRAMURAL PROGRAM.

The Physical Education Department in its class work lays the foundation for the intramural program through developing an interest and skill

in a diversified sports program. The intramural program affords an opportunity for all students to compete in these sports and others in which they may have developed an interest. Intercollegiate athletics remains the highest goal for those who have achieved sufficient skill in intramural athletics.

PHYSICAL EXAMINATION.

All students entering William Jewell College are required to take a physical examination. No student is permitted to participate in strenuous activities, either in class or on athletic squads under supervision of the college, without such prior physical examination.

101, 102. GENERAL ACTIVITIES FOR FRESHMEN. Each class meets two hours per week and includes instruction in skills, knowledge of rules and strategy, purchasing and care of equipment, history of activity, and competitive experience under game conditions. All students must swim 25 yards.

Credit, 1 hour each semester.

STAFF.

201, 202, 203, 204, 205, 206, 207, 208. ELECTIVES IN GENERAL ACTIVITIES. These activities are particularly for students who wish to continue beyond the two hours of activities required for graduation. Each class meets two hours per week.

Credit, 1 hour each semester.

STAFF.

ACTIVITIES OPEN TO MAJORS AND NON-MAJORS IN PHYSICAL EDUCATION

Badminton and Golf (men and women).

Tennis and Volleyball (men and women).

Boxing and Wrestling (men only).

Elementary Swimming (men and women) for non-swimmers.

Team Sports (women only).

Handball and Body Building (men only).

Intermediate Swimming (men and women).

Elementary Rhythmic Activities (men and women).

Soccer and Speedball (men only).

Square dance (men and women).

Trampoline and Tumbling (men and women).

Synchronized Swimming.

115. HYGIENE AND SANITATION. A consideration of the fundamental laws of health and the health relations of the individual to the community.

Credit, 2 hours.

Each semester. T., Th. at 11:20. Marston Hall.

ASSISTANT PROFESSOR GOURLEY.

116. FIRST AID. A comprehensive introduction to First Aid treatment and techniques. Members of class may be certified as First Aid Instructors by the American Red Cross.

Credit, 2 hours.

Second semester. T., Th. at 8:40. Brown Gymnasium.

ASSOCIATE PROFESSOR NELSON.

215. INTRODUCTION TO PHYSICAL EDUCATION. A general orientation course for students planning to major in physical education.

Credit, 2 hours.

First semester. T., Th. at 8:40. Brown Gymnasium.

PROFESSOR PATTERSON.

219. OFFICIATING INTER-SCHOOL ATHLETIC ACTIVITIES. Interpretation of the rules and a study of the mechanics of officiating seasonal sports.

Credit, 2 hours. Alternate years. Not offered 1961-62.

First semester. T., Th. at 10:25. Brown Gymnasium.

ASSISTANT PROFESSOR GOURLEY.

226. PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS. This course is concerned with the selection, organization and direction of physical activities appropriate for elementary school students. Consideration is given to corrective exercises, development drills, and to games which are planned for the pleasure of the participants. Open to teachers, or prospective teachers, of elementary schools, or to those interested in the physical education problems of youth.

Credit, 2 hours.

Second semester. M., W., F. at 1:15.

INSTRUCTOR KINMAN.

261. LIFE SAVING AND WATER SAFETY (men and women). Advanced work in all swimming strokes as well as instruction for certification in American National Red Cross Life Saving and Water Safety.

Prerequisite—see instructor for swimming requirements.

Credit, 1 hour.

First semester. T., Th. at 11:20. Brown Gymnasium.

INSTRUCTOR KINMAN.

262. AMERICAN NATIONAL RED CROSS WATER SAFETY INSTRUCTOR COURSE. Training course for Water Safety Instructors; parts I and II will be taught. Part I is concerned largely with the personal skill ability of the students. Part II is directed toward methods of teaching skills.

Prerequisite—holder of current Red Cross senior life saving certificate, or instructors whose appointments have lapsed.

Credit, 1 hour.

Second semester. T., Th. at 11:20. Brown Gymnasium.

INSTRUCTOR KINMAN.

264. INTERMEDIATE RHYTHMIC ACTIVITIES. A continuation of Elementary Rhythmic Activities, this course is primarily for physical education major students. Prerequisite: Elementary Rhythmic Activities.

Credit, 1 hour.

Second semester. T., Th. at 2:10.

INSTRUCTOR KINMAN.

325. SCHOOL HEALTH EDUCATION. The selection of materials, methods of instruction, and coordination of health teaching with the work of other teachers. Juniors and Seniors only. Prerequisite — Hygiene and Sanitation.

Credit, 3 hours.

First semester. M., W., F. at 10:25.

INSTRUCTOR KINMAN.

332. ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION. A study of the policies in the organization and administration of the physical education program, classification of students, staff, teaching load, time schedule, financing, care of the physical education plant, records, and inter-school relations. This course is required of students taking a major in physical education.

Credit, 3 hours. Juniors and Seniors only.

Second semester. M., W., F. at 1:15. Brown Gymnasium.

PROFESSOR PATTERSON.

381. METHODS IN COACHING FOOTBALL AND BASKETBALL. A study of the philosophy and techniques of coaching football and basketball in high school. The treatment and taping of athletic injuries will be included. Class members participate in certain phases of varsity practice.

Credit, 4 hours. Juniors and Seniors only.

First semester. M., T., W., Th., F. at 7:45.

PROFESSORS PATTERSON, NELSON, AND GOURLEY.

382. METHODS IN COACHING TRACK. A study of the philosophy and techniques of coaching track in high school.

Credit, 2 hours.

Second semester. T., Th. at 1:15.

ASSISTANT PROFESSOR GOURLEY.

384. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. A survey of knowledge tests, skill tests, fitness tests, and other evaluative instruments used by physical education teachers in a wide variety of activities.

Credit, 2 hours. Juniors and Seniors only.

Second semester. T., Th. at 8:40.

ASSISTANT PROFESSOR GOURLEY.

392. KINESIOLOGY. A study of the science of bodily movements. Prerequisite, Biology 239.

Credit, 3 hours. Juniors and Seniors only.

Second semester. M., W., F. at 12:15. Brown Gymnasium.

PROFESSOR PATTERSON.

393. METHODS IN PHYSICAL EDUCATION. A study of the techniques, methods, and materials used in the teaching of physical education in high school and junior high school.

Credit, 3 hours. Juniors and Seniors only.

First semester. M., W., Th., F. at 12:15.

INSTRUCTOR KINMAN.

A SUGGESTED PROGRAM FOR A MAJOR IN
PHYSICAL EDUCATION*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
Biology 107	3	Biology 108	3
English 115	3	English 116	3
History 115	3	History 116	3
Physical Education 101	1	Physical Education 102	1
Physical Education 215	2	Physical Education 115	2
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
	<u>16</u>		<u>16</u>

Sophomore Year

Minor Elective	4	Foreign Language	4
Foreign Language	4	Physical Education 202	1
Physical Education 201	1	Physical Education 392	3
Biology 239	4	Psychology 212	3
Psychology 211	3	Elective	4
Humanities Elective	2	Physical Education 116	2
	<u>16</u>		<u>17</u>

Junior Year

Foreign Language	3	Foreign Language	3
Physical Education 325	3	Minor	6
Science	3	Humanities Elective	3
Minor	4	Psychology 330	3
Humanities Elective	3		<u>15</u>
	<u>15</u>		

Senior Year

Minor Elective	6	Education 316	3
Education 315	3	Education 322	3
Electives	3	Education 424	5
Physical Education 393	3	Electives	2
	<u>15</u>	Physical Education 332	3
			<u>16</u>

PHYSICS

The E. S. Pillsbury Department of Physics

PROFESSOR HILTON, 207 MARSTON HALL

ASSOCIATE PROFESSOR CRAWFORD, 205 MARSTON HALL

Major: Thirty semester hours, including fifteen hours of Junior-Senior courses.*Major for Secondary School Teachers:* Twenty-four semester hours including Physics 323, 316.*Physics major for the 3-2 plan of ENGINEERING with Columbia University, New York:* Physics 213, 214, 316, 323; Mathematics 311, 312.

Physics major for the 3-2 plan of ENGINEERING with the Missouri School of Mines and Metallurgy, A Division of the University of Missouri, Rolla, Missouri: Physics 212, 213, 214, 315, 316; Mathematics 311, 312.

Mathematics 331 and 332 (Statics and Dynamics) may be counted toward a major in physics.

For those students who expect to enter an engineering school upon graduation, the pre-engineering curriculum plus a major in physics, mathematics, or chemistry (depending upon the type of engineering, as electrical, mechanical, chemical) is recommended.

Courses 213 and 214 require calculus as a co-requisite, and may constitute a beginning course for physics majors and pre-engineering students. Pre-medical students are admitted to courses 111 and 112.

Courses 103 and 104 are primarily for non-science majors who want an introductory course in the fundamentals and applications of physics. It is recommended that 103 be taken first.

Courses 111 and 112 are primarily for pre-medical students and science majors (physics, chemistry, biology, and mathematics) who want an introductory course in the fundamentals and applications of physics. It is recommended that 111 be taken first.

103. FOUNDATIONS OF PHYSICS. Basic principles of mechanics, gravitation and kinetic theory. Text: *Physics*, Orear.

Credit, 3 hours.

First semester. T., Th. at 11:20 or M., W. at 11:20. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. at 2:10-4:00; Marston Hall.

ASSOCIATE PROFESSOR CRAWFORD.

104. FOUNDATIONS OF PHYSICS. Basic principles of electricity, magnetism, light, optics, wave motion, and modern physics. Text: *Fundamental Physics*, Orear.

Credit, 3 hours.

Second semester. T., Th. at 11:20 or M., W. at 11:20. One laboratory period per week, T. at 1:15-3:00; or W. 2:10-4:00. Marston Hall.

ASSOCIATE PROFESSOR CRAWFORD.

111. COLLEGE PHYSICS. The general principles of mechanics, properties of matter, heat, and sound, together with a discussion of some of the practical applications. Problem and laboratory work are emphasized. Text: *College Physics*, Weber, White, Manning.

Credit, 4 hours. For freshmen.

First semester. M., W., F. at 10:25. One laboratory period each week, T. at 1:15-3:00; 3:05-5:00; or W. 2:10-4:00. Marston Hall.

PROFESSOR HILTON.

112. COLLEGE PHYSICS. The general principles of magnetism, electricity, light, and modern physics, together with a discussion of some of their practical applications. Text. *College Physics*, Weber, White, Manning.

Credit, 4 hours.

Second semester. M., W., F. at 10:25. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. at 2:10-4:00. Marston Hall.

212. **ENGINEERING SURVEYS.** A beginning course in the use and adjustment of the usual surveying instruments, calculations, and land boundaries. Text: *Engineering Surveys*, Rubey, Lomme, and Todd. (Not offered 1961-62).

Credit, 3 hours. Prerequisite, Physics 112 or Mathematics 115.

Second semester. Lecture, and laboratory, M., W., F. 2:10-5:00.

PROFESSOR HILTON.

213. **GENERAL PHYSICS.** Calculus must be taken prior to or concurrently with this course. Course includes mechanics, sound, and heat. Text: *Modern University Physics*, Sears, Zemansky, Wehr, and Richards.

Credit, 5 hours. Co-requisite, calculus.

First semester. Lectures M., T., W., F. at 8:40. One laboratory period a week, W. 2:10-4:00. Marston Hall.

PROFESSOR HILTON.

214. **GENERAL PHYSICS.** Includes electricity, magnetism, electronics, light and modern physics. Text: *Modern University Physics*, Sears, Zemansky, Wehr, and Richards.

Credit, 5 hours. Co-requisite, calculus.

Second semester. Lecture, M., T., W., F. at 8:40. One laboratory period a week, W. 2:10-4:00. Marston Hall.

PROFESSOR HILTON.

216. **ELECTRONICS.** An introductory course including electron circuits, using diodes, triodes, pentodes, beam power amplifier, rectifiers, and trigger circuits, and transistors. Text: *Fundamentals of Electronics*, Mitchell.

Credit, 3 hours. Co-requisite, calculus.

Second semester. Lecture, T., Th. and 3 hour laboratory to be arranged. One laboratory period per week, W. 2:00-4:00 or Th. 2:00-4:00.

ASSOCIATE PROFESSOR CRAWFORD.

316. **ATOMIC AND NUCLEAR PHYSICS.** A course in modern physics. Includes electron theory, discharge through gases, photoelectric effect, X-rays, atomic spectra, and other topics of importance to modern physics and chemistry. Text: *Atomic and Nuclear Physics*, Semat.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226 or 182.

Second semester. Lecture, M., W., F. at 1:15. Marston Hall.

PROFESSOR HILTON.

318. **HEAT AND THERMODYNAMICS.** Course includes study of temperature, thermodynamic systems, work, first and second laws of thermodynamics, heat, ideal gases, reversibility, Kelvin temperature, entropy, and certain applications. For students of physics, chemistry, and engineering. Text: *Heat and Thermodynamics*, Zemansky, Third Edition. Not offered 1961-62.

Credit, 3 hours. Prerequisite, Physics 214, Mathematics 226 or 182.

First semester. Lecture M., W., F. at 1:15. Marston Hall.

ASSOCIATE PROFESSOR CRAWFORD.

323. LIGHT AND OPTICS. An advanced course in light. Course includes a study of lenses, reflectors, prisms, spectrometers, ruled gratings, spectra, interferometers, diffraction, polarization, and electromagnetic theory of light. Text: *Optics*, Jenkins and White.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226 or 182.

First semester. Lecture, M., W., F. at 1:15. Marston Hall.

PROFESSOR HILTON.

324. ELECTRICAL MEASUREMENTS. Measurements with ammeters and voltmeters, ballistic galvanometers, wheatstone bridges, impedance bridges, potentiometer, standard cells. Other topics include magnetic circuits, induced EMF, measurement of magnetic flux, magnetic tests of iron and steel, alternating current, and measurement of resistance, inductance, and capacitance. Text: *Electrical Measurements*, Smith, Fourth Edition.

Credit, 1 hour. Prerequisite, Physics 214 and Math. 226 or 182.

First semester. Three hours laboratory per week. Th. 2:10-5:00. Marston Hall.

ASSOCIATE PROFESSOR CRAWFORD.

333. LIGHT AND OPTICS LABORATORY. To follow or accompany Physics 323.

Credit, 1 or 2 hours.

First semester. Three hours laboratory per week for each credit hour. M., Th. 2:10-5:00. Marston Hall.

PROFESSOR HILTON.

336. ATOMIC PHYSICS LABORATORY. To follow or accompany Physics 316.

Credit, 1 or 2 hours.

Second semester. Three hours laboratory per week for each credit hour. M., Th. 2:10-5:00. Marston Hall.

PROFESSOR HILTON.

337. ELECTRO-ACOUSTICAL MEASUREMENTS. To follow or accompany Physics 324.

Credit, 2 hours.

Second semester. Three hours laboratory per week, M. 1:00-6:00. Marston Hall.

PROFESSOR HILTON.

351, 352. SPECIAL PROBLEMS. A detailed study of some specific problem of experiment in physics, history of physics, reading from current literature of physics.

Credit, 1 hour each semester.

First or second semester. Marston Hall.

PROFESSOR HILTON AND ASSOCIATE PROFESSOR CRAWFORD.

415. ELECTRICITY AND MAGNETISM. Electrostatics, magnetism, resistance, capacitance, inductance, electromagnetic induction, electric circuits. Text: *Physics of Electricity and Magnetism*, Scott.

Credit, 3 hours. Prerequisites, Physics 214 and Math. 226 or 182.

First semester. Lecture, M., W., F. at 8:40. Marston Hall.

ASSOCIATE PROFESSOR CRAWFORD.

443, 444. **PHYSICAL MECHANICS.** An intermediate course in classical mechanics. The course will include a critical discussion of Newton's laws of motion. The points of departure for quantum mechanics and for relativistic mechanics will be indicated. Other topics will include conservative forces, the forced harmonic oscillator, complex number application to the solution of linear differential equations, Fourier Series applications, vector algebra, elements of vector analysis, integration and differentiation of vectors, motion under a central force, coupled harmonic oscillators, rotating coordinate systems, Lagrange's equations, and introduction to tensors.

Prerequisite, Physics 214 and Mathematics 226 or 182.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 10:25.

ASSOCIATE PROFESSOR CRAWFORD.

446. **SELECTED TOPICS IN MODERN PHYSICS.** The course will include an introduction to quantum mechanics, and other topics in modern physics.

Second semester. T., Th. at 8:40.

Credit, 2 semester hours.

ASSOCIATE PROFESSOR CRAWFORD.

A SUGGESTED PROGRAM OF STUDY FOR A PHYSICS MAJOR *Freshman*

FIRST SEMESTER		SECOND SEMESTER	
Physics 111	4	Physics 112	4
Mathematics 111, 115	5	Mathematics 118	5
or Mathematics 181		or Mathematics 182	
Chemistry 103	5	Chemistry 104	5
English 115	3	English 116	3
	17		17

Religion 111, 112; Speech 101, 102; and Physical Education 101, 102, which are required for graduation, may be taken during the freshman year in place of Chemistry 103, 104.

Sophomore

German or French	4	German or French	4
Mathematics 225	5	Mathematics 226	5
or Mathematics 335		or Mathematics 336	
Physics 213	5	Physics 214	5
Humanities Elective	3	Physics 216	3
	17		17

Junior

German or French	3	German or French	3
Mathematics 441	3	Mathematics 442	3
Physics 323	3	Physics 316	3
Physics 333	1	Physics 333	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Physical Education 101	1	Physical Education 102	1
Social Science Elective	3	Social Science Elective	3
	18		18

<i>Senior</i>			
Physics 415	3	Physics 446	2
Physics 443	3	Physics 444	3
Physics 351	1	Physics 324	1
Social Science Elective	3	Social Science Elective	6
Humanities	3	Chemistry 402	4
Chemistry 401	4		16
	17		

Other recommended courses are: Physics 318, Physics 337, Mathematics 438.

POLITICAL SCIENCE

ASSOCIATE PROFESSOR ADAMS

Major: Twenty-four semester hours.

The following courses may be taken for Political Science credit: Philosophy 233 and 234; History 337 and 338; Economics 318; Sociology 319; for a maximum total of 10 hours.

Political Science 101 and 102 are prerequisite to all further study for Political Science majors.

101. **PRINCIPLES OF GOVERNMENT.** An introductory course to the field of Political Science. The student is introduced to the terminology and methods of the study of government, and a survey of the principal forms of government is presented. Some attention is devoted to international affairs and the "Isms." This course is also intended for those who plan no further study in Political Science.

Credit, 3 hours.

First semester. M., W., F. at 7:45 and 8:40.

ASSOCIATE PROFESSOR ADAMS.

102. **AMERICAN NATIONAL GOVERNMENT.** Formation, development, and structure of the American federal system; structure and function of the executive, legislative, and judicial branches; status and responsibility of the citizen; the political process; expansion of federal authority; distinctive features of the American experiment in federal government.

Credit, 3 hours.

Second semester. M., W., F. at 7:45 and 8:40.

ASSOCIATE PROFESSOR ADAMS.

200. **STATE AND LOCAL GOVERNMENT.** Increasing role of cooperation among the states and with the federal and local governments; participation of the citizenry in meeting special problems at the state and local level as government functions expand; comparison of various forms of state and local governments, with some attention to that of Missouri.

Credit, 2 hours. Freshmen admitted by consent of instructor only.

Second semester. T., Th. at 8:40.

ASSOCIATE PROFESSOR ADAMS.

231. **CONSTITUTIONAL LAW.** Evolution of constitutional government in the United States; development of civil rights and the due process, com-

merce, contract, and other important clauses through judicial interpretation; study of the leading cases. Offered 1961-62.

Credit, 3 hours. Prerequisite, 101 or (preferably) 102. Freshmen not admitted.

First semester. M., W., F. at 1:15.

ASSOCIATE PROFESSOR ADAMS.

232. AMERICAN PARTIES AND POLITICS. Political parties and pressure groups in the United States; the role of sectionalism and public opinion; party history; organization of parties; campaigns and elections. Not offered 1961-62.

Credit, 3 hours. Freshmen not admitted.

First semester. M., W., F. at 11:20.

ASSOCIATE PROFESSOR ADAMS.

301. PUBLIC ADMINISTRATION. Problems of administration of government in a democracy; emphasis upon policies, organization, and functions of administration; problems of personnel management, and the nature of services rendered by government to the people. Offered 1961-62.

Credit, 3 hours. For Juniors and Seniors.

First semester. M., W., F. at 11:20.

PROFESSOR WATKINS.

315, 316. AMERICAN POLITICAL THOUGHT. The colonial period; political arguments leading to the American Revolution; political thought reflected in the writing of the Constitution; Hamiltonianism, Jeffersonianism, Jacksonian democracy, the slavery question; influence of religion, sectionalism, and the frontier on American political thought. Reconstruction; the Solid South; influence of "Big Business"; rugged individualism; the New Freedom; post-war disillusionment; the New Deal; the Fair Deal; the Eisenhower administration. Offered 1961-62.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 11:20.

ASSOCIATE PROFESSOR ADAMS.

321. COMPARATIVE GOVERNMENT. Organization and operation of the principal Western European governments. Some consideration of other areas; special attention to ideologies. Offered 1962-63.

Credit, 3 hours. Prerequisite, 101 (preferably) or 102. Freshmen not admitted.

First semester. M., W., F. at 11:20.

ASSOCIATE PROFESSOR ADAMS.

322. INTERNATIONAL POLITICS. Fundamentals of international relations; nature of power politics, dynamics of state existence; role of geography, nationalism, techniques and instruments of power politics. Emphasis is placed upon the great regions in world politics and the search for peace. Not offered 1961-62.

Credit, 3 hours. Freshmen not admitted.

Second semester. M., W., F. at 11:20.

ASSOCIATE PROFESSOR ADAMS.

331. **SOVIET CIVILIZATION.** An intensive study of the basic factors which constitute the Soviet system: political, economic, and social organization; the operation of totalitarianism; ideology; some attention to foreign policy and literature. Not offered 1961-62.

Credit, 2 hours. Freshmen not admitted.

First semester. T., Th. at 11:20.

ASSOCIATE PROFESSOR ADAMS.

PSYCHOLOGY

PROFESSOR GRIFFITHS

ASSISTANT PROFESSOR FOX

ASSOCIATE PROFESSOR WICKE

(of the Education Department)

MRS. HARDY

MARSTON HALL

Major: Thirty semester hours of which courses 211, 321, and 322 are required. Six semester hours above the elementary level may count towards a major from the fields of Biology, Economics, Philosophy, Sociology.

211. **GENERAL PSYCHOLOGY.** A general introduction to psychology as a study of human behavior and personality. Open to freshmen.

Credit, 3 hours.

First semester. M., W., F. at 7:45, 8:40, and 11:20. B-10 Marston Hall.

PROFESSOR GRIFFITHS, ASSISTANT PROFESSOR FOX, ASSOCIATE PROFESSOR WICKE.

212. **EDUCATIONAL PSYCHOLOGY.** Application of psychological facts and principles to learning and teaching. Chief topics of study are learning capacity, types of learning, methods and conditions of learning, motivation, transfer of training, followed by methods of testing and evaluation of achievement.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 8:40, and 11:20. B-10 Marston Hall.

PROFESSOR GRIFFITHS, AND ASSOCIATE PROFESSOR WICKE.

214. **MENTAL HYGIENE.** A survey of problems of emotional maladjustments, including minor mental disorders, with discussion of corrective programs, therapeutic measures and resources.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 8:40. B-10 Marston Hall.

ASSISTANT PROFESSOR FOX.

303. **ABNORMAL PSYCHOLOGY.** A descriptive and explanatory study of major mental disorders including the common psychosomatic disturbances. Evaluation of current therapeutic procedures.

Credit, 3 hours. Prerequisite, 211 and at least Sophomore rank.

First semester. M., W., F. at 10:25. 107 Marston Hall.

PROFESSOR GRIFFITHS.

304. **SOCIAL PSYCHOLOGY.** A study of the behavior and personality as socially determined. Comparison of cultures and sub-groups in relation to manners, customs, beliefs, attitudes, and aspirations.

Credit, 3 hours. Prerequisite, 211 and Soc. 211.

Second Semester. By arrangement. 107 Marston Hall.

PROFESSOR GRIFFITHS.

305. **PERSONALITY.** A study of present-day approaches to the development, structure and measurement of personality and the concept of types.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 11:20. Marston Hall.

PROFESSOR GRIFFITHS.

306. **PERSONNEL PSYCHOLOGY.** A study of the applications of psychology in the field of personnel management. Special topics of study are types of personnel organization, functions of a personnel department, methods of selection and placement, job analysis, specification and evaluation, testing procedures, ratings methods, and problems of employee morale.

Credit, 3 hours. Prerequisite, 211.

First semester. M., W., F. at 11:20. B-8 Marston Hall.

PROFESSOR GRIFFITHS.

312. **PHYSIOLOGICAL PSYCHOLOGY.** A study of the biological aspects and bases of human behavior; the neural and glandular structures and functions, sensory equipment, and their significance for a psychological understanding of behavior.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 10:25. B-8 Marston Hall.

321. **EXPERIMENTAL PSYCHOLOGY.** An introduction to the experimental techniques and design. Laboratory and lectures. Required of majors.

Credit, 5 hours. Prerequisite, 211.

Second semester. T., W., Th. at 3:15. B-8 Marston Hall. Lab.

Mrs. HARDY.

322. **HISTORY AND SYSTEMS OF PSYCHOLOGY.** The rise and growth of modern psychology and its contemporary enterprises. Required of majors.

Credit, 3 hours. Prerequisite, 211 and 321.

First semester. T., Th. at 11:20 and 1 hour to be arranged. B-8 Marston Hall.

PROFESSOR GRIFFITHS.

329. **DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD.** A study of the child from infancy to early adolescence with emphasis on emotional and social development, personality traits, and their influence on later life.

Credit, 3 hours. Prerequisite, 211.

First semester. M., W., F. at 8:40. 201 Jewell Hall.

ASSISTANT PROFESSOR FOX.

330. **DEVELOPMENTAL PSYCHOLOGY: ADOLESCENCE AND MATURITY.** Continuance of 329 with emphasis on the physical, mental, social and emotional changes and the implications of these changes for those who plan to work with youth.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 10:25. 201 Jewell Hall.

ASSISTANT PROFESSOR FOX.

401, 402. READINGS IN PSYCHOLOGY. Readings and reports on an advanced level of selected topics.

Credit, 2 hours either semester. Primarily for majors. To be arranged.

PROFESSOR GRIFFITHS.

421. SEMINAR. Special projects for Senior majors.

Credit, 2 hours.

First semester. Time to be arranged.

PROFESSOR GRIFFITHS.

RELIGION

The W. D. Johnson Department of Religion

PROFESSOR MOORE, 306 Jewell Hall

ASSISTANT PROFESSOR NEWMAN

ASSISTANT PROFESSOR ALLEY

209 Jewel Hall

Major: Twenty-four semester hours including courses 221, 222, 332, 352, 451, 453. Religion 111 and 112 shall not count toward a major. The student should plan his entire program with the major professor, including the required language and areas of concentration. This major is intended to benefit the student who plans to study further in an accredited theological seminary, and the student who finds such further study impractical.

111. BIBLE HISTORY. This course gives the student a working knowledge of Bible History. In the first semester attention is given to background materials and to Old Testament history.

Credit, 2 hours. Required for graduation.

First semester. T., Th. at 7:45, 8:40, 10:25, 11:20, 1:15; W., F. 11:20; M., W. 1:15. 203 and 204 Jewell Hall.

PROFESSOR MOORE, ASSISTANT PROFESSORS NEWMAN AND ALLEY.

112. BIBLE HISTORY. The Interbiblical period and the New Testament.

Credit, 2 hours. Required for graduation.

Second semester. T., Th at 7:45, 8:40, 10:25, 11:20, 1:15; W., F. 11:20. 203 and 204 Jewell Hall.

PROFESSOR MOORE, ASSISTANT PROFESSORS NEWMAN AND ALLEY.

143. CHURCH ADMINISTRATION. The minister's task as educational leader, pastor, administrator, preacher, and community leader will be discussed. Text: *Pastoral Leadership*, Andrew W. Blackwood; library references.

Credit, 2 hours.

First semester. T., Th at 8:40. 204 Jewell Hall.

PROFESSOR MOORE.

221. LIFE AND TEACHINGS OF JESUS. A study of the principal events in the life of Jesus. Some attention is given also to the teachings of Jesus. Texts: Library references.

Credit, 3 hours. Freshmen are admitted to this course.

First semester. M., W., F. at 10:25. 204 Jewell Hall.

ASSISTANT PROFESSOR NEWMAN.

222. LIFE AND LETTERS OF PAUL. Paul and his writings are studied in the context of the developing Christian community. Texts: The Bible; library references; a syllabus for study.

Credit, 3 hours. Freshmen are admitted to this course.

Second semester. M., W., F. at 7:45. Jewell Hall 204.

PROFESSOR MOORE.

224. THE GENERAL EPISTLES, HEBREWS, AND REVELATION. A study of the teachings of these books. Attention will be given also to the development of the Christian Church in these later New Testament books. Text: The Bible; library references.

Credit, 3 hours.

Second semester. M., W., F. at 7:45. 204 Jewell Hall.

ASSISTANT PROFESSOR NEWMAN.

252. CHRISTIAN MISSIONS. A rapid survey of the course of Christian Missions from the first century to the present. An examination of the basis for Christian Missions to non-Christian lands will be made. Text: *The Philosophy of the Christian World Mission*, Soper; library references.

Credit, 2 hours.

Second semester. M., W. at 8:40. 204 Jewell Hall.

ASSISTANT PROFESSOR NEWMAN.

331. HISTORY OF THE CHURCH. A survey of Christian history through the Reformation. Text: *History of Christianity to 451 A.D.*, Kidd; *History of the Church in the Middle Ages*, Cannon.

Credit, 3 hours.

First semester. M., W., F. at 10:25. 204 Jewell Hall.

ASSISTANT PROFESSOR ALLEY.

332. HISTORY OF AMERICAN CHRISTIANITY. A survey of Christianity in America with attention to denominational development. Text: *History of Religion in the U. S.*, Olmstead; library references.

Credit, 3 hours.

First semester. M., W., F. at 11:20. 204 Jewell Hall.

PROFESSOR MOORE.

333. HISTORY OF THE BAPTISTS. Particular attention is given to the rise of Baptists in America. European background is also surveyed. Text: *A History of the Baptists*, Torbet.

Credit, 2 hours.

Second semester. W., F. at 11:20. 204 Jewell Hall.

ASSISTANT PROFESSOR ALLEY.

334. HISTORY OF THE CHURCH. A survey of the Reformation and Modern Periods in Christianity. Emphasis is on sources and readings. A continuation of 331.

Credit, 3 hours.

Second semester. M., W., F. at 11:25. 204 Jewell Hall.

ASSISTANT PROFESSOR ALLEY.

532. PROPHETIC RELIGION. The Hebrew writing prophets through the 5th century B.C. with special attention to the development of ethical monotheism. Bible and library references. Text: *The Prophet of Israel*, Kuhl.

Credit, 3 hours.

First semester. M., W., F. at 7:45. 204 Jewell Hall.

ASSISTANT PROFESSOR ALLEY.

354. WISDOM AND POETIC LITERATURE OF THE OLD TESTAMENT. A survey of how this literature developed with emphasis upon its interpretation and meaning.

Credit, 2 hours.

Second semester. M., W. at 8:40. 203 Jewell Hall.

ASSISTANT PROFESSOR ALLEY.

451. THE RELIGIONS OF MANKIND. A survey of the major religions of the world, past and present. Text: *The World's Religions*, Braden; *The Scriptures of Mankind*, Braden; library references.

Credit, 3 hours.

First semester. M., W., F. at 8:40. 204 Jewell Hall.

ASSISTANT PROFESSOR NEWMAN.

453. BASIC CHRISTIAN DOCTRINES. A study of the doctrines of the Bible with attention given to such subjects as revelation, inspiration, sin, sanctification ecclesiology and atonement. Text: *Essentials in Christian Faith*, Harrington.

Credit, 3 hours.

Second semester. M., W., F. at 11:20. 204 Jewell Hall.

PROFESSOR MOORE.

455. SEMINAR IN NEW TESTAMENT PROBLEMS OF INTERPRETATION. Reading, research, and seminar discussion covering some phase of present day New Testament investigation. Seniors only.

Credit, 3 hours.

Second semester. T., Th., F. at 8:40. 204 Jewell Hall.

ASSISTANT PROFESSOR NEWMAN.

SOCIOLOGY

PROFESSOR THOMSON AND ASSOCIATE PROFESSOR WHALEY, Jewell Hall
Major: Twenty-four semester hours, including courses 211, 319, and 412.

211. INTRODUCTION TO SOCIOLOGY. This introductory survey of the science of sociology includes a study of the scope, methodology, and terminology of sociology. Culture, personality, group behavior, social institutions, and social change are among the topics discussed. Freshmen are admitted.

Credit, 3 hours.

First semester, second semester. M., W., F. at 7:45 and 11:20.

STAFF.

214. **SOCIAL PROBLEMS.** An analysis of selected major social problems of contemporary American society. The focus of attention is on the people and the problems which arise in the dynamic processes of culture. Personal and social disorganization, problems of the economic order; and situations related to social change are among topics considered.

Credit, 2 hours. Prerequisite, 211.

First semester. T., Th. at 8:40.

PROFESSOR THOMSON.

218. **SOCIAL WORK.** A survey of the nature and philosophy of social work, its historical background, the general theory of social work, and its application to individual and community problems. This course is designed to acquaint the student with the social-work profession and its function in modern society.

Credit, 2 hours. T., Th. at 7:45.

Second semester.

PROFESSOR THOMSON.

300. **THE COMMUNITY.** The structure and function of rural and urban communities in a contemporary society is the subject of this course. This includes the social problems of slums, ghettos, tenements, and isolation of a social or geographical nature. Principles and practices of community reorganization and redevelopment are scientifically evaluated.

Credit, 3 hours. M., W., F. at 10:25.

Second semester.

ASSOCIATE PROFESSOR WHALEY.

313. **POPULATION AND HUMAN ECOLOGY.** This course will consist of the analysis and interpretation of population distribution, composition, and growth. Special attention will be given to the importance of population problems and policies in relation to current national and international economic, political, and social conditions.

Credit, 2 hours. Prerequisite, 211.

First semester. T., Th., at 11:20.

PROFESSOR THOMSON.

317. **CHILD WELFARE.** This course explores the origins and need for welfare services in America. Agencies serving child welfare; means of safeguarding family life; juvenile delinquency; foster home care, adoption, illegitimacy, handicapped children; and the United Nations program for under-privileged children are discussed. Not offered 1961-62.

Credit, 2 hours.

Second semester.

ASSOCIATE PROFESSOR WHALEY.

319. **METHODS OF SOCIAL RESEARCH.** The application of research techniques to the social sciences. This will include the theory of social research, research design, techniques of collecting and processing data, analysing data, and research reporting. Laboratory work required.

Credit, 3 hours. Prerequisite 12 hours in social science, including 211 or the consent of the instructor.

First semester. M., W., F. at 11:20.

PROFESSOR THOMSON.

322. **CRIMINOLOGY.** A study of the nature, causes, and consequences of crime; variations in criminal and delinquent behavior by social class, ethnic groups, and geographical areas; an evaluation of various methods of treatment and prevention of crime.

Credit, 3 hours.

Second semester. M., W., F. at 8:40. 104 Jewell Hall.

ASSOCIATE PROFESSOR WHALEY.

326. **THE FAMILY.** A study of family structure and functions; the changing role of the family in history; significant social characteristics of American family life; the family as a unit of interacting personalities; family organization, family disorganization and reorganization.

Credit, 3 hours. M., W., F. at 10:25.

Second semester.

PROFESSOR THOMSON.

332. **CULTURAL ANTHROPOLOGY.** A systematic introduction to cultural anthropology. Special attention is given to simple or primitive societies, with applications of results to contemporary complex societies. The nature and process of cultural development are studied in connection with the language, institutions and stateways of peoples.

Credit, 3 hours. M., W., F. at 11:20.

Second semester.

PROFESSOR THOMSON.

334. **GROUP DYNAMICS.** This course seeks to acquaint the student with research findings and their implications for more effective functioning of groups in our American democracy. Some of the topics studied are: group cohesiveness, group pressures and standards, group goals and locomotion, structural properties of groups, and leadership. Not offered 1961-62.

Credit, 3 hours. Prerequisite, 211, and Psychology 211.

First semester.

PROFESSOR THOMSON.

338. **RACE RELATIONS.** Racial and ethnic minorities in the United States, and the Negro race especially, will be considered in the light of the findings of natural science, cultural anthropology, social psychology, religion, and sociology. A realistic approach is sought to the many-sided problems of better relationships among the minority groups and between these groups and American society in general.

Credit, 3 hours.

First semester. M., W., F. at 10:25.

PROFESSOR THOMSON.

412. **SOCIAL THEORY.** A historical and analytical study of major contributions of social thought, including: the origin and development of early social thought; contributions of pioneers in the field of sociology; major types of sociological theory; contemporary social theory.

Credit, 3 hours. Prerequisite, 211.

First semester. M., W., F. at 8:40.

ASSOCIATE PROFESSOR WHALEY.

427, 428. READINGS IN SOCIOLOGY. Readings are assigned from the works of prominent sociologists. Individual reports are arranged.

Credit, 1 or 2 hours.

First and second semesters. Hours to be arranged.

431, 432. RESEARCH SEMINAR. An intensive study of special areas of sociological theory and research. Each student will be expected to engage in research under the supervision of the department.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

SUGGESTED SCHEDULE FOR SOCIOLOGY MAJORS

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Foreign Language	4	Foreign Language	4
Physical Education 101	1	Physical Education 102	1
Econ. 101	3	Elective	3
	<u>15</u>		<u>15</u>

Sophomore Year

Math. or Natural Science	3-5	Math. or Natural Science	3-5
Foreign Language	3	Foreign Language	3
Sociology 211	3	Sociology 218	2
History 221	3	Econ. 201	3
Political Science 101	3	Electives	5-4
	<u>15</u>		<u>15</u>

Junior Year

Math. or Natural Science	3	Math. or Natural Science	2-3
Sociology 300	3	Sociology 326	3
Sociology 313	2	Sociology 332	3
Philosophy 203	3	Philosophy 204	3
Psychology 211	3	Electives	5-6
Philosophy 231	2		<u>16</u>
	<u>16</u>		

Senior Year

Sociology 319	3	Sociology 412	3
Sociology 427	2	Sociology 432	2
Psychology 303	3	Psychology 304	3
Education 317	3	History 335	2
Religion 451	3	Electives	6
Electives	2		<u>16</u>
	<u>16</u>		

SPEECH

(See English and Speech)

ENROLLMENT FOR 1960-61 SCHOOL YEAR

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	98	45	143
Juniors	150	73	223
Sophomores	173	119	292
Freshmen	203	125	328
Special Students	44	26	70
Totals	668	388	1056
Summer School 1960	180	125	305
	848	513	1361
Duplications in Summer School	(74)	(29)	(103)
Grand Totals	774	484	1258

<i>First and</i>			<i>First and</i>		
<i>Summer</i>	<i>Second</i>	<i>Total</i>	<i>Summer</i>	<i>Second</i>	<i>Total</i>
1960	Semesters		1960	Semester	
Alabama	1	0	1	9	9*
Alaska	1	1	1*	14	14
Arizona	0	1	1	1	1
Arkansas	4	2	6	3	3*
California	4	9	13	3	3
Colorado	1	11	12	18	18
Delaware	0	1	1	5	5
Florida	0	2	2	2	2*
Georgia	0	2	2	1	1
Hawaii	0	2	2	2	2
Illinois	5	47	49*	2	2
Indiana	1	3	4	1	1
Iowa	12	8	19*	1	1
Kansas	20	35	53*	3	3
Kentucky	0	3	3	3	3
Louisiana	0	1	1	1	1*
Massachusetts	0	4	4	1	1
Michigan	0	1	1		
Mississippi	0	2	2		
Missouri	246	844	998*		
Nebraska	5	2	7		
Nevada	1	1	2		
New Mexico	0	1	1		
New Jersey	0	3	3		
New York	1			305	1056
Ohio	0				1258*
Oklahoma	0				
Pennsylvania	1				
South Dakota	0				
Texas	0				
Virginia	0				
Washington	1				
West Virginia	0				
Wisconsin	0				
Wyoming	0				
Ethiopia	0				
Holland	0				
Hong Kong	0				
Malaya	0				
Pakistan	1				
Peru	0				
Totals					

Grand total includes no duplications. Summer school students who returned for Fall or Second Semester are not counted twice. *indicates adjustment has been made for these duplicates.

Degrees

HONORARY DEGREES CONFERRED

Commencement, May 30, 1960

Doctor of Laws, DANIEL ALFRED POLING
Editor, *The Christian Herald*, New York, N.Y.

Doctor of Laws, GLENN W. HENDREN
Physician, Liberty, Missouri

Doctor of Divinity, HOMER EARL DeLOZIER
Executive Secretary, St. Louis Baptist Mission Board, St. Louis

Doctor of Divinity, OSWALD JACKSON QUICK
Southern Baptist Missionary to Formosa

Achievement Day, November 10, 1960

Doctor of Laws, MILLARD JOHN BERQUIST
President, Midwestern Baptist Theological Seminary

Doctor of Laws, JOAO FILSON SOREN
Pastor, First Baptist Church, Rio de Janeiro, Brazil
President, Baptist World Alliance

BACHELOR OF ARTS DEGREES CONFERRED

Commencement, May 30, 1960

RICHARD WILLIAM BAILEY	Trenton, Ohio	ARTHUR L. COLLEY	Kansas City
JAMES HOWARD BANNING	Kansas City	EDWARD ADOLPH CONWAY	Avondale
<i>Magna Cum Laude</i>		ROSEMARY LOUISE CROSS	Kansas City
TED RAY BARTEE	Holt	MARSHALL M. DAVIDSON	Liberty
ESTHER B. BARTLETT	Kansas City	JOHN WILLIAM DIXON	Excelsior Springs
JUDITH ANN BARTRAM	Springfield, Illinois	MARVIN PORTER DIXON	Kansas City
FREDERICK WILLIAM BASTIAN	Lathrop	HARRY LOGAN DOWNING, JR.	Kansas City
RICHARD LLOYD BECKER	Kansas City	MARY LENA DREBENSTEDT	Philadelphia
WARREN W. BERGMAN	Liberty	WILLIAM E. DREYER	Concordia
LARRY DEAN BERRY	Carthage	<i>Magna Cum Laude</i>	
DONALD WINSTON BLALOCK	Kansas City	CLEORA ANN DUNLAP	Kansas City
STEVEN M. BLISS	Kansas City	HOWARD EUGENE DUNN	Liberty
DAVID JOHN BOLSENGA	Kansas City	<i>Magna Cum Laude</i>	
RAYMOND WILLIAM BOWMAN	Tekamah, Nebraska	CHARLES DALE DURBIN	Independence
DIXIE LEE BOYD	Kansas City	DONALD BURNS EBERHART II	Kansas City
LARRY GENE BOYD	Kansas City	EDDIE MAYES ELLIOTT	Grain Valley
MARCIA LEE BROWN	St. Louis	LARRY PHILLIP ELLIOTT	Liberty
WILLIAM L. BURNS	Kansas City	OSA MARIE EPPINGER	Harper, Kansas
EDGAR ELLISON BUSH	Excelsior Springs	LULA MAE ESTHER	Lebanon
BARRY WAYNE CAMPBELL	Kansas City	EARL EDWARD EXLINE	Blue Springs
GEORGE ARTHUR CARNER	Liberty	GLADSTONE HENRY FAIRWEATHER	Duncans, Jamaica
<i>Magna Cum Laude</i>		JESSE M. FUNKHOUSER, JR.	Granite City, Illinois
LARRY LYNN CARTER	West Plains	<i>Summa Cum Laude</i>	
NANCY LEE CASTERLINE	Liberty	MARIECELENE GIBBS	Kansas City
DONALD C. CHANEY	Atlanta	GEORGE RAYMOND GOUDIE	Kansas City
GEORGE F. CHRISTIANSON	West End, New Jersey	JOHN W. GRAHL	Liberty
ROYALL WILLIAM CLARK	Canton, Ohio	DONALD WAYNE GREGORY	Liberty
RAYMOND COLDREN, JR.	Holt	WILLIAM JEWELL GRIFFEY II	Excelsior Springs

WILMA LEE GROVE	<i>Pleasant Hill</i>	MARTHA ELSIE BELLE MATHEWS	<i>North Reading, Massachusetts</i>
<i>Summa Cum Laude</i>		<i>Magna Cum Laude</i>	
BILLY GEANE GUNTER	<i>Liberty</i>	GERALD ALFRED MEYER	<i>Kansas City</i>
HILERA MARCUS HARDY	<i>St. Louis</i>	RONALD A. MORRISON	<i>Kansas City</i>
DAVID CARLISLE HARVEY	<i>Center</i>	BENJAMIN HOSTETTER MORROW	<i>Sibley</i>
<i>Magna Cum Laude</i>		CHARLES KIRBY MURCH	<i>St. Louis</i>
ROBERT WILLIAM HAUETTER	<i>Kansas City</i>	MARGIE KATHRYN NELSON	<i>Kansas City</i>
LINDA GAY HENRY	<i>Linn</i>	<i>Magna Cum Laude</i>	
DONALD LEE HERRICK	<i>Emporia, Kansas</i>	DAVID G. PAGE	<i>Liberty</i>
<i>Magna Cum Laude</i>		GEORGE EDDY PARKER	<i>Manhasset, New York</i>
MARGARET ANN HERRICK	<i>Liberty</i>		
<i>Magna Cum Laude</i>		MARION OLLIE PARKER	<i>Louisiana</i>
VANITA JANE HOLTBY	<i>Whiting, Kansas</i>	SANDRA JEAN PERRY	<i>Independence</i>
MARSHALL LEE HOUSTON, Jr.	<i>West Plains</i>	ROBERT WAYNE PHILLIPS	<i>Independence</i>
BOBBY RAY HOWARD	<i>Portageville</i>	SONDRA LEE MORGAN PIRCH	<i>Independence</i>
BARBARA RAMONA HURST	<i>Liberty</i>	LEONARD LYLE POPPENHAGEN	<i>Chillicothe</i>
<i>Summa Cum Laude</i>		LOREN CURTIS PRITCHARD	<i>Independence</i>
KAREN LEE HUSO	<i>Storden, Minnesota</i>	GEORGE GROVER RAMEY	<i>Liberty</i>
JOHN KIRK JACKSON	<i>Camden</i>	CHARLES EVERETT REINEKE	<i>Edgerton</i>
WIDAD JAMEEL	<i>Raytown</i>	BEVERLY JANE RIDDLE	<i>Utica</i>
DONALD ALBERT JAMIESON	<i>Kansas City</i>	CARA ELIZABETH RODENBACH	<i>Kansas City</i>
SUZANNE CAROL JOHNSON	<i>Lombard, Illinois</i>	WILLIAM JOHN ROLINITIS	<i>Liberty</i>
BEVERLY MARILYN JONES	<i>Granite City, Illinois</i>	ROBERT CHARLES RUCH	<i>Kansas City</i>
JUDITH KARAN KELLY	<i>Old Monroe</i>	LEE WRAY RUSSELL	<i>Liberty</i>
ANNA MARGARET KEPELY	<i>Kansas City</i>	JAMES R. SCHENCK	<i>Blue Springs</i>
GAIL ALICE KING	<i>Kirkwood</i>	CHARLES J. SCHWIDDE	<i>St. Louis</i>
HARRY ANTON KOCHANOWSKI		JANICE GAIL SEAL	<i>Granite City, Illinois</i>
	<i>Excelsior Springs</i>	LAVELL PAIGE SEATS	<i>Kansas City</i>
ROSALIND CHI-YUN KWOK		JERRY D. SKAGGS	<i>Liberty</i>
	<i>Newport News, Virginia</i>	M. H. SNARE	<i>Kansas City</i>
ABEL DALE LACQUEMENT	<i>Humansville</i>	ANITA LU STARK	<i>Kansas City</i>
MARTHA ROSE LAFRENZ	<i>Liberty</i>	TWILIGHT ANN STIGGERS	<i>Utica</i>
<i>Summa Cum Laude</i>		JOYCE MARLENE STRINGFIELD	<i>Kansas City, Kansas</i>
BURNELL LANDERS	<i>Dexter</i>	THOMAS CLARK SUTER	<i>Bridgeton</i>
MYRA JEAN LANE	<i>St. Louis</i>	THOMAS RODNEY SWEARINGEN	<i>St. Joseph</i>
<i>Magna Cum Laude</i>		CAROL IRENE TAYLOR	<i>Grandview</i>
PHILLIP JEAN LAUTENSCHLAGER	<i>Liberty</i>	<i>Magna Cum Laude</i>	
JAMES STANLEY LEMONS Paoli, Pennsylvania		ALFRED P. THOMAS, JR.	<i>Independence</i>
<i>Summa Cum Laude</i>		FRANDEE TROY Poughkeepsie, New York	
CECIL WAYNE LEWIS	<i>Independence</i>	JOHNSON UNDERWOOD III	<i>Kansas City</i>
TOM B. LEWIS	<i>Kansas City, Kansas</i>	GRETCHEN LEE VANHOOSIER	<i>Denver, Colorado</i>
WILLIAM FRANKLIN LINSON, JR.	<i>Thayer</i>	KERMIT DEAN WILKINS	<i>Filer, Idaho</i>
GEORGE FREDERICK LUFFEL	<i>Excelsior Springs</i>	<i>Magna Cum Laude</i>	
MICHAEL JAMES MALONEY	<i>Liberty</i>	SHIRLEY ANN WILLIAMS	<i>Hardin</i>
CHARLES KEITH MANKA	<i>Kearney</i>	RAYMOND JOHN WILSON	<i>Overland</i>
<i>Magna Cum Laude</i>			

BACHELOR OF ARTS DEGREES CONFERRED

Commencement, July 29, 1960

JIMMIE JOE ABEL	<i>Sullivan</i>	MAXINE EGGERT BLACK	<i>Edgerton</i>
<i>Magna Cum Laude</i>		JOHN KEITH BOYD	<i>Kingston</i>
JAMES HACKNEY ALGIE Kansas City, Kansas		DERAL EUGENE DOCKINS	<i>Hannibal</i>
ROBERT W. BALLANTYNE	<i>Edgerton</i>	LELAND E. DYE	<i>Campbell, California</i>
ERNEST GRANVILLE BARBER, JR.	<i>Oak Grove</i>	MELVA GAIL EATON	<i>Kansas City</i>
NED CLAY BARTEE	<i>Holt</i>	CHARLES BLAKE HARTZELL	<i>Overland</i>
PATRICIA RUSSELL BIRDSONG		WILLIAM CURTIS HARVEY	<i>Prairie Village, Kansas</i>
	<i>Excelsior Springs</i>		

JACK R. HEDRICK	<i>Parkville</i>	ANN MONCRIEF	<i>St. Joseph</i>
SAMUEL MARTIN HULL	<i>St. Joseph</i>	BEULAH HENRIETTA MOORE	<i>Liberty</i>
JANE ANN HURST	<i>Chillicothe</i>	DAVID CHARLES MORTON	<i>Florrisant</i>
LETA MAE JEFFERS	<i>Kansas City</i>	JOHN EVANS NEWBERRY	<i>Highland, Indiana</i>
PHYLLIS RAE KEENEY	<i>Chaffee</i>	GERALD LEE NEWBOLD	<i>Joliet, Illinois</i>
RONALD FORD KELLEY	<i>Kansas City</i>	WALTER FRED OHNESORGE, JR.	<i>Kansas City</i>
RALPH WILSON KINCAID	<i>Kansas City</i>	JAMES JUDSON PIERSON	<i>Enterprise, Alabama</i>
JACK W. KIRBY	<i>Liberty</i>	MARGARET E. REIFF	<i>Independence</i>
WILLIAM G. KRAMER, JR.	<i>Muncie, Indiana</i>	RONALD KEITH RICH	<i>Butler</i>
SHARON BERENDES LEE	<i>Kansas City</i>	BEULAH A. WALKER	<i>Camden</i>
RUBY A. LOOP	<i>Kansas City</i>	LESLIE KAI-WING WONG	<i>Kowloon, Hong Kong</i>
CLYDE MCCORMICK	<i>Liberty</i>		

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