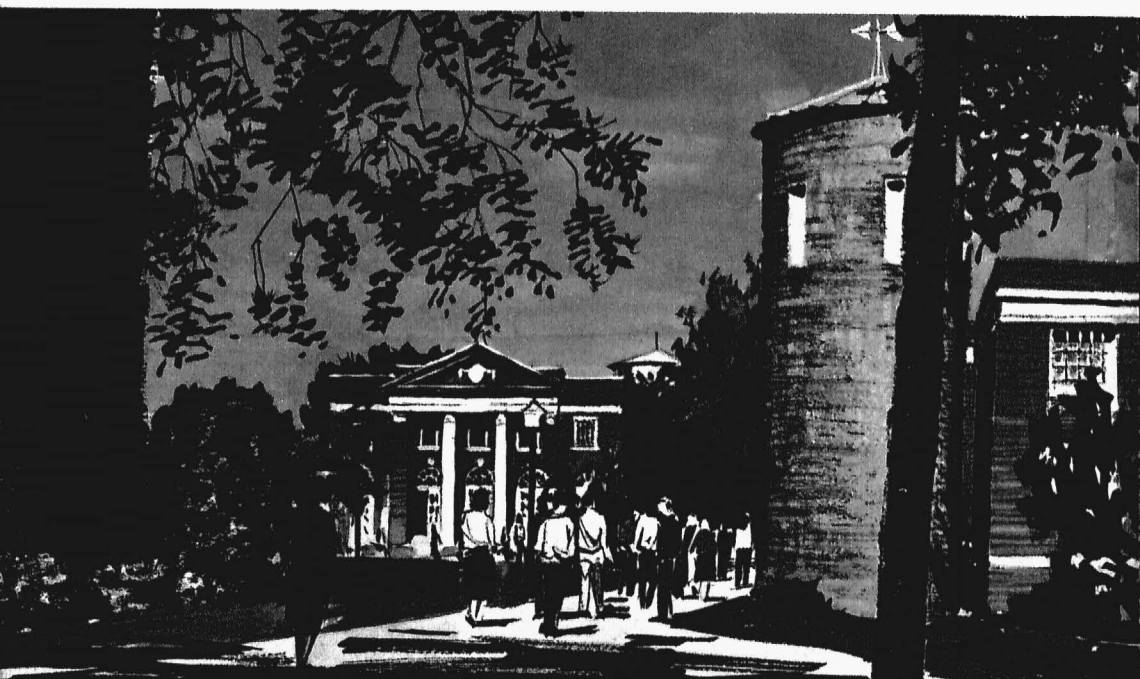


**THE  
CATALOG  
1963 - 64**

**THE  
william  
jewell  
COLLEGE QUARTERLY**



**William Jewell College, Liberty, Mo. • September, 1963**

*William Jewell College Quarterly*

SERIES V

SEPTEMBER, 1963

NUMBER 3

WILLIAM JEWELL COLLEGE

LIBERTY, MISSOURI . . . . FOUNDED IN 1849



THE CATALOG

*Announcements for 1963-1964*

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## TABLE OF CONTENTS

COLLEGE CALENDAR	4
PRESIDENT'S FOREWORD	6
LOCATION AND HISTORY	7
ADMINISTRATION	
TRUSTEES	10
OFFICERS OF ADMINISTRATION	14
FACULTY	15
COMMITTEES	21
ADMINISTRATIVE STAFF	22
CAMPUS	24
ADMISSION	28
FINANCIAL INFORMATION	31
SCHOLARSHIPS AND AWARDS	36
REGISTRATION	45
CREDITS AND GRADES	49
GRADUATION REQUIREMENTS	52
GENERAL INFORMATION AND REGULATIONS	56
CURRICULUM	65
ENROLLMENT, 1960-1961	132
DEGREES CONFERRED, 1960	133
INDEX	136

# CALENDAR for 1963-64

## OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
--	--	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	--	--

## MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	--	--	--	--

## AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
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23	24	25	26	27	28	29
30	31	--	--	--	--	--

## NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
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3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
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## APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
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26	27	28	29	30	--	--
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## SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
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27	28	29	30	--	--	--
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## DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
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29	30	31	--	--	--	--
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## MAY

SUN	MON	TUE	WED	THU	FRI	SAT
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	--	--	--	--	--	--

## OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
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3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	--	--	--	--	--	--

1964

## JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
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5	6	7	8	9	10	11
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19	20	21	22	23	24	25
26	27	28	29	30	31	--
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## JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
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21	22	23	24	25	26	27
28	29	30	--	--	--	--
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## NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
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29	30	--	--	--	--	--
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## FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
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## JULY

SUN	MON	TUE	WED	THU	FRI	SAT
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	--
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## DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
--	--	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	--	--
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## College Calendar 1963-64

New students may arrive on the campus Saturday afternoon, September 7, 1963. Students interested in joining a fraternity or sorority are expected to arrive on this date.

1963

Saturday	Sept. 7	New students arrive. Dormitories open at 12:00 noon. Supper will be served.
Monday	Sept. 9	Pre-registration conferences with faculty members by appointment. Fraternity and sorority rushing continues.
Tuesday	Sept. 10	Registration for returning upper-classmen.
	1:00 P.M. to 4:30 P.M.	
Wednesday	Sept. 11	Orientation for freshmen and transfer students.
	8:00 A.M. to 4:30 P.M.	Registration for upper-classmen continues.
Thursday	Sept. 12	Orientation for freshmen and transfer students continues. Registration for upper-classmen concluded.
	8:00 A.M. to 12:00 NOON	
	1:00 P.M. to 4:30 P.M.	Registration for freshmen and transfer students.
Friday	Sept. 13	Registration for freshmen and transfer students.
	8:00 A.M. to 4:30 P.M.	Late registration fee of \$10.00 effective 4:30 p.m.
Monday	Sept. 16	Classes begin on regular schedule. Late payment fee of \$3.00 for settlement of bills effective 12:00 noon.
Wednesday	Sept. 18	Formal opening convocation.
Monday	Sept. 30	Final date for registration changes.
Friday	Oct. 25	Homecoming holiday.
Saturday	Oct. 26	Homecoming.
Thursday	Nov. 14	Achievement Day.
Wednesday	Nov. 27	Thanksgiving holiday begins. Supper will be served. Dormitories close noon, Nov. 28.
Sunday	Dec. 1	Thanksgiving holiday ends. Dormitories open 12:00 noon. Supper will be served.
Monday	Dec. 2	Class work resumed.
Wednesday	Dec. 18	Christmas holiday begins. Supper will be served. Dormitories will close at noon Dec. 19.

1964

Wednesday	Jan. 1	5:00 P.M.	Christmas holidays end.
Thursday	Jan. 2	7:45 A.M.	Class work resumed.
Monday thru Saturday	Jan. 20-25		First semester examinations.
Monday and Tuesday	Jan. 27-28		Second semester registration.
Wednesday	Jan. 29	7:45 A.M. to 4:00 P.M.	Class work begins.
Friday	Feb. 14		Late registration fee and late fee for settling accounts applicable.
Friday	Feb. 28	9:35 A.M.	Final day for registration changes.
Wednesday	Mar. 25	5:00 P.M.	Founders' Day Convocation.
Monday	Mar. 30	5:00 P.M.	Spring holiday begins. Supper will be served. Dormitories close at noon, March 26.
Tuesday	Mar. 31	7:45 A.M.	Spring holidays end. Supper will be served. Dormitories open 12:00 noon.
Friday	May 8		Class work resumed.
Monday thru Friday	May 11-15		Senior Class Day.
Saturday	May 23		Senior examinations.
Sunday	May 24	11:00 A.M.	Alumni Day.
Monday	May 25	10:00 A.M.	Baccalaureate Sermon.
Tuesday thru Saturday	May 26-30		Graduation Convocation and conferring of degrees.
Monday	June 8	8:00 A.M. to 12:00 NOON	Second semester examinations.
Tuesday	June 9	7:45 A.M.	Summer school registration.
Friday	July 31	8:00 P.M.	Class work begins.
			Summer Commencement.

## WILLIAM JEWELL: A LIBERAL ARTS COLLEGE

By H. GUY MOORE, *President*

William Jewell College was founded by the Baptists of Missouri in 1849 as a liberal arts college for men, but became coeducational 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 undergraduate 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. 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 institu-

tion. 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 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 8, 1962, were Vernon Knight, '39, Washington, D. C.; Fred T. Renshaw, '37, Cincinnati, Ohio; W. Fred Kendall, '29, Nashville, Tennessee; George J. Hooper, '27, Tulsa, Oklahoma; Mrs. R. W. Bland, '31, Gower, Missouri.

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

# 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, 3807 Roanoke Road, Kansas City 11, Mo.; business address, 4910 E. Gardner, Kansas City 20, 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, 1006 Grand, Kansas City 6, 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, *residence, 1334 E. Delmar, Springfield, Mo.; 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.

ROBERT F. KEATLEY, *residence, 2707 Clay, St. Joseph, Mo.; business address, 208 Mechanics Bank Bldg., St. Joseph, Mo.*

President, Trailer Investment Company; President, Franklin Enterprises, Inc.; president, Farmers State & Peoples Bank, Union Star, Mo.; president, Bank of Edgerton, Edgerton, Mo.; Baptist.

ARTHUR L. LAND, *residence, 6311 West 91st, Route 1, Overland Park, Kansas; business address, 115 W. Gregory Blvd., 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.

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, 305 Edgewater Drive, Dunedin, Fla.*

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.

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.

ELLIOTT C. SPRATT, *residence, 706 South 13th St., 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.*

NATHAN A. TOALSON, *residence, South Jefferson Street, Centralia, Mo.; business address, 210 North Allen Street, Centralia, Mo.*

President and director, A. B. Chance Company, Centralia, Mo.; chairman of the board and director, A. B. Chance Company of Canada, Ltd., Toronto, Canada; director, Pitman Manufacturing Company, Grandview, Mo.; Trustee, Chance Foundation; member of the Missouri Baptist Hospital Association, St. Louis, Mo.; Baptist.

PAUL WEBER, Th.D., *residence, 2019 N. Missouri, Springfield, Mo. Minister; pastor, Hamlin Memorial Baptist Church, Springfield, Mo.; president, Missouri Baptist Convention; Baptist.*

REX M. WHITTON, *residence, 4201 Cathedral Ave., Apt. 1410E, Washington 16, D. C.; business address, Bureau of Public Roads, Washington, 25, D. C.*

Civil Engineer; former Chief Engineer, Missouri State Highway Department; Federal Highway Administrator; Baptist.

BARNEY R. WILLIAMS, *residence, 4947 Westwood Terrace, Kansas City 12, Mo.; business address, 1006 Grand, Home Savings Bldg., Kansas City, Mo.*

Partner, Williams & DeMasters—Insurance Agents; Baptist.

GEORGE J. WINGER, *residence, 600 East 47th Terrace, Kansas City, Mo.; business address, Suite 810, 1012 Baltimore Bldg., Kansas City 6, Mo.*

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

JOHN B. WORNALL, JR., *residence, 310 West 49th St., Kansas City 12, Mo.; business address, 21 West 10th St., Kansas City 5, Mo.*

Senior vice-president and treasurer, Employers Reinsurance Corporation; member, board of directors, Employers Reinsurance Corporation; United Funds, Inc.; Sentinel Federal Savings and Loan Assn.; member, corporate board of directors, Blue Cross and Blue Shield; Baptist.

WILLIAM F. YATES, *residence, 439 E. Main, Richmond, Mo.; 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.

### TRUSTEE EMERITUS

DR. HUBERT EATON, *Forest Lawn Memorial Park, Glendale, California.*

OFFICERS OF ADMINISTRATION

H. GUY MOORE, A.B., Th.M., D.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.

JOSEPH C. CLAPP, A.B., B.D., Th.M., Th.D., *Vice-President in charge of Public Relations and Alumni Affairs*, Greene Hall, 101.

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

E. W. HOLZAPFEL, A.B., M.S., *Vice President in Charge of Student Affairs*, Greene Hall, 209.

HARLEY WYATT, JR., A.B., *Director of Admissions and Students Records*, Greene Hall, 207.

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

C. NEAL DAVIS, A.B., M.A., *Dean of Men*, Greene Hall, 210.

DEOLA GAIRRETT, *Registrar*, Greene Hall, 207.

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

ALFORD W. COFFMAN, *Assistant Treasurer*, Greene Hall, 104.

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.)

H. GUY MOORE, 1962; *President of the College.*

A.B., William Jewell College, 1931; Th.M., Southern Baptist Theological Seminary, 1933; D.D., William Jewell College, 1945.

## ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics

OLIVER C. PHILLIPS, JR., 1955; *Head of Department and Professor of Latin.*

B.S., in Ed., University of Kansas, 1950; M.A., University of Missouri, 1954; Ph.D., University of Chicago, 1962.

## ART

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

B.F.A., Kansas City Art Institute, 1962.

## BIOLOGY

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

B.S., Kansas State Teachers College, 1928, M.S., 1931; A.B., Kansas State Teachers College, 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.

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

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

CHARLIE F. J. NEWLON, 1956; *Assistant Professor of Biology.*

A.B., William Jewell College, 1956; M.A., University of Missouri, 1962.

## 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; *Associate Professor of Education*.

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

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

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

ELLA DAVIDSON, 1961; *Assistant Professor of Education*.

A.B., William Jewell College, 1937; M.A., Teachers College, Columbia University, 1940. Further graduate study, Northwestern University, Columbia University, University of Kansas, University of Kansas City.

## 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, 1963, Ph.D., 1956. Further study, Linguistic Institute, University of Texas, 1961.

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.

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. (On leave, 1963-64.)

RICHARD L. HARRIMAN, 1962; *Assistant Professor of English.*

A.B., William Jewell College, 1953; M.A., Stanford University, 1960. Further study, Stanford University; Shakespeare Institute, Oxford University.

RUSSELL KEELING, 1960; *Assistant Professor of Speech.*

B.S., Southwest Missouri State College, 1958; M.A., Baylor University, 1959. Further graduate study, Midwestern Baptist Theological Seminary; State University of Iowa.

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.

MRS. MYRA L. COZAD, 1961, *Instructor in English.*

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

CAROLE FAY REED, 1963; *Instructor in Speech.*

B.A., Illinois State Normal University, 1961; M.A., 1963.

## 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; Ph.D., University of Rochester, 1962.

ROBERT DEAN LINDER, 1963; *Assistant Professor of History and Political Science.*

B.S., Kansas State Teachers College of Emporia, 1956; B.D., M.R.E., Central Baptist Theological Seminary, 1958; M.A., State University of Iowa, 1961; Ph.D., 1963.

## MATHEMATICS

ELMAN A. MORROW, 1947; *Acting Head of Department and Professor of Mathematics.*

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

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

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

DARREL R. THOMAN, 1962; *Instructor in Mathematics.*

B.A., Hastings College, 1960; M.A., University of Kansas, 1962. Further graduate study, University of Kansas City.

## 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.



- 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

- WESLEY LEE FORBIS, 1962; *Head of Department and Professor of Music*.  
B.M.E., University of Tulsa, 1952; M.A., 1957; M.M., Baylor University, 1955; Doctoral candidate, George Peabody College.
- 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.
- 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; *Assistant Professor of Music*.  
B.Mus., University of Kansas, 1955; M.Mus., Indiana University, 1956; further graduate study, Northwest Missouri State College, University of Kansas.

## 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; *Assistant Professor of 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.

FREDERICK E. FLOOK, 1962; *Instructor in Physical Education.*

B.S., Kansas State Teachers College, 1958; graduate study, Kansas State Teachers College.

## 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.

JOHN L. PHILPOT, 1962; *Assistant Professor of Physics.*

A.B., William Jewell College, 1957; M.S., University of Arkansas, 1961; candidate for Ph.D., University of Arkansas.

## PSYCHOLOGY

ROBERT L. MCKINNEY, 1962; *Head of Department and Assistant Professor of Psychology.*

A.B., William Jewell College, 1952; B.D., Southern Baptist Theological Seminary, 1958; candidate for Ph.D., Washington University.

PAUL GARNETT CANTRELL, 1963; *Assistant Professor of Psychology.*

A.B., Oklahoma Baptist University, 1950; B.D., Southern Baptist Theological Seminary, 1953; M.A. in Ed., University of Kentucky, 1961; Graduate study, and Doctoral candidate, University of Kentucky.

## 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. Further study, Union Theological Seminary.

BARCLAY NEWMAN, 1960; *Associate Professor of Religion*. A.B., Union University, 1953; B.D., Southern Baptist Theological Seminary, 1956; Th.D., 1959.

OSCAR STEPHENSON BROOKS, 1963; *Associate Professor of Religion*. B.A., Carson-Newman College, 1949; B.D., Southern Baptist Theological Seminary, 1954; Th.D., 1959.

## 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.

F. M. DERWACTER, *Professor of Greek*, 1928-1962.

JOSEPH HARRY GRIFFITHS, *Professor of Psychology*, 1956-1962.

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

LEE ORAN JONES, *Professor of Mathematics*, 1942-1963.

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

## STANDING COMMITTEES OF THE COLLEGE 1963-1964

ACADEMIC CEREMONIES—Taylor (Chm), Bates, Forbis, Isley, G. Moore, Philpot, Pond, Pugh, Thomson

ADMISSIONS—Taylor (Chm), Bates, Holzapfel, Phillips, Whaley, Wyatt

ATHLETICS—Holzapfel (Chm), Clapp, M. L. Jones, LaFrenz, Lakin, Momberg, G. Moore, Patterson, Philpot, Pond

## 22 COMMITTEES

- CATALOGUE—Clapp (Chm), Gairrett, Holzapfel, Pond, Taylor, Wyatt
- CHAPEL—D. Moore (Chm), Bates, Bowman, G. Moore, Thomson
- CHAPEL ATTENDANCE—Cuthbertson (Chm), Chiles, Cozad, Davidson, Huselton, Keeling, McKinney, Megown, Newlon, Phillips, Philpot, Spidell, Thoman, O. Thomas, Truex.
- CURRICULUM—Taylor (Chm), Bowman, Cuthbertson, Edson, Isley, McCarty, D. Moore, Pugh, Trotter, Watkins, Wilson
- DISCIPLINE—Linda Hanks, LaFrenz, D. Moore, Patterson, Jim Rodewald, Taylor, Thomson
- ENCOURAGING COLLEGE TEACHING AS A PROFESSION—Hunt (Chm), Edson, Harriman, Thoman, Wicke
- FACULTY ADVISERS OF STUDENT COUNCIL—Dunham (Chm), Holzapfel, McKinney, Pond, Whaley
- FACULTY REPRESENTATIVES ON STUDENT PUBLICATIONS—Bowman (Chm), Clapp, Dunham, Pond, Truex
- FINANCIAL AIDS—Holzapfel (Chm), Bates, M. L. Jones, D. Moore, G. Moore, Pond, Taylor, Wyatt
- FRATERNITIES & SORORITIES—Hunt (Chm), Bates, Brunner, Harriman, Holzapfel, Rice
- HONORARY DEGREES & CITATIONS—Bowman (Chm), Bates, Clapp, Edson, Hilton, G. Moore, Phillips, Taylor, Thomson, Trotter
- LIBRARY—Carlin (Chm), Cuthbertson, Gier, Hilton, Hunt, Mitchell, Newman, Taylor, Thomson, Wilson
- REGISTRATION—Taylor (Chm), Coffman, Gairrett, Holzapfel, Newman, Pond, Wyatt
- RELIGIOUS ACTIVITIES—Bray (Chm), Bates, Brooks, McKinney, D. Moore, Thomson, Whaley
- SPECIAL STUDENT EVENTS (Homecoming, Tatler/Revue, etc.)—Wilson (Chm), Bates, Clapp, N. Davis, Flook, Forbis, Holzapfel, Pond, C. Reed, Swearingen
- WHO'S WHO IN AMERICAN COLLEGES AND UNIVERSITIES—Bowman (Chm), Adams, Bates, Edson, Holzapfel, Lakin, Newman, Patterson, Whaley

## ADMINISTRATIVE STAFF

- MRS. JANIE ALLISON, *Sec. Office of Public Relations*, Greene Hall 101
- MRS. MARY AULL, *Bookkeeper*, Greene Hall 208
- 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. MARY BELL, *Secretary to Dean of Students*, Greene Hall 104

- MRS. JANE BENSON, *Assistant Circulation Librarian*, Library  
 MRS. CAROLINE BROOKS, A.B., *Assistant Director of Public Relations*, Greene Hall 101  
 MRS. GLADYS DAVIDSON, *College Union Hostess*  
 MRS. PATRICIA DILLON, *Secretary to the Registrar*, Greene Hall 207  
 MRS. FAYE ERVIN, *Secretary to the Dean of the College*, Greene Hall 206  
 MRS. BONNIE FARRELL, *Publicity Secretary, Office of Public Relations*, Greene Hall 101  
 MRS. JANE FERRILL, A.B., *Acquisitions Librarian*, Library  
 MRS. DORIS FREEMAN, *House Director*, Ely Residence Hall  
 MRS. ZELMA FURMAN, *Secretary to the Director of Food Service*, Yates College Union  
 STANLEY I. HAYDEN, B.S., M.A., *Admissions Counsellor*, Greene Hall 100  
 MRS. DOLA HUGHES, *House Director*, Kappa Alpha Fraternity  
 J. ELDON JOHNSON, A.B., *Assistant Director of Admissions*, Greene Hall 100  
 MRS. CHARLENE KELLEY, *Secretary, Office Dean of Students*, Greene Hall 104  
 MRS. BILLIE LEATHERMAN, *Purchasing Agent*, Greene Hall 306  
 MRS. NELLIE RUTH LINCOLN, *House Director*, Eaton Residence Hall  
 MRS. MABLE LOZIER, *Receptionist-Switchboard*, Greene Hall  
 MRS. JEAN LUCHSINGER, *House Director*, Melrose Residence Hall  
 CLAUDE E. MIKKELSON, A.B., M.A., *Admissions Counsellor*, Greene Hall 100  
 MRS. ALICE PERLEE MORROW, A.B., B.S., IN L.S., *Cataloguer*, Library  
 MRS. LUCILLE MURRAY, *Secretary, Plant Superintendent*, Greene Hall 102  
 DEAN NAY, B.S., *Director of Food Service*, Yates College Union  
 MRS. JOAN PATTERSON, *File Clerk, Alumni Office*, Greene Hall 101  
 H. L. PERRINE, *Plant Superintendent*, Greene Hall 102  
 MRS. OPAL R. PETTY, *House Director*, Jones Residence Hall  
 MRS. DOROTHY REYNOLDS, *Secretary to the Dean of Women*, Greene Hall 203  
 LARRY RICE, *Assistant Circulation Librarian*, Library  
 MRS. LILLARD RIAFF, *House Director*, Phi Gamma Delta Fraternity  
 MRS. JEAN SHEPHERD, *Secretary Office of Admissions*, Greene Hall 100  
 T. RODNEY SWEARINGEN, A.B., *Director of Yates College Union*  
 MRS. A. E. TALBERT, *House Director*, Sigma Nu Fraternity  
 MRS. ELSIE TUCKER, *Secretary to the Assistant Treasurer*, Greene Hall 209  
 ROBERT E. VAUGHN, *Assistant Director of Food Service*, Yates College Union  
 MRS. ELEANORE WALLY, *Secretary to the Vice President*, Greene Hall 303  
 MRS. L. L. WHITEFORD, *House Director*, Lambda Chi Apha Fraternity  
 MRS. CAROLE YOUNG, *Cashier*, Greene Hall 208

# 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, with an 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, contains representative specimens of most bird and mammal groups and a nearly complete collection of fish, frogs, and reptiles found locally. The herbarium contains about 29,000 specimens of plants from all the states and from more than fifty foreign countries, including the Antarctic region. The nearly 10,000 specimens of moss represent almost every genus known. There is an excellent collection of index fossils and representative rocks and minerals. A limited number of historical relics are also on display.

For biological experiments and for an arboretum, an area of about five acres has been set aside on the north side of the campus. This preserve contains about seventy species of trees, a half mile of multiflora hedge, and other shelter for wildlife. Here students have an opportunity to learn conservation practices and ecological methods under actual field conditions. Classes in biol-

ogy and conservation have set up several permanent long-range experiments.

#### 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 fireproof 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 the president 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.

#### MINETRY 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 northeast of Ely Hall. It was open for occupancy in September, 1958.

### MARRIED STUDENT APARTMENTS

Thirty-six apartments for married students were opened for occupancy in September, 1963. They are located on the northeast corner of the campus. The middle one of the three buildings housing the apartments is designated for ministerial students at the request of the Reverend Roy Johnson, who contributed substantially to the erection of the building. It is named the Marguerite Apartments in honor of Mr. Johnson's wife.

### 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, restrooms 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.
7. Scores on either the American College testing program or College Entrance Examination Board tests of college preparation.

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 stu-

dents, 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. **ADDITIONAL DEPOSITS ARE REQUIRED. SEE PAYMENTS TO THE COLLEGE ON PAGE 33.**

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 he has 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* \$375.00 per semester \$750.00 for 9-month session for all students other than ministers, unmarried sons and daughters of ministers, and ministers' wives—for whom the tuition will be

\$202.50 per semester \$405.00 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, \$750.00.

(b) Students registering for less than 12 semester hours will pay tuition at the rate of \$32.00 per semester hour; except that the tuition for ministers, unmarried sons and daughters of ministers, and ministers' wives will be \$18.00 per semester hour.

(c) All students taking more than 17 semester hours in a semester pay \$16.00 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 per semester.

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—

\$747.50 per semester    \$1495.00 for 9-months session

For Tuition and Fees for non-resident students—

\$415.00 per semester    \$830.00 for 9-months session

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

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

\$575.00 per semester    \$1150.00 for 9-months session

For Tuition and Fees for non-resident students—

\$242.00 per semester    \$485.00 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 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.

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

**SPECIAL FEES:**

For late registration (see calendar for date effective)	\$10.00
For late settlement of charges (see calendar for date effective)	3.00
For change in course after registration, each credit hour	1.00
For students taking either Education 411-12—Supervised Student teaching in the Elementary School; or Education 423-4—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).

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

*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.

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 all residence halls available to the student are fully 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. *Students whose financial accounts with the College are in unsatisfactory condition will not be permitted to sit for semester examinations, nor will they be graduated. Room, board and student privileges are likewise subject to suspension until the student's accounts are in a condition satisfactory to the College.*

It is suggested that further advance payments may be made prior to the beginning of each semester. 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 a minimum of 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 before 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 must be made on or before August 15 for the first semester, or January 15 for the second semester. Information about other payment plans can be obtained from the Dean of Students.

#### 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 dis-



ciplinary reasons, on the following scale.

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 to seventeen credit hours or below twelve credit 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 and to unmarried sons and unmarried daughters of ordained ministers. Unmarried 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.

## 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 Financial Aids 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.

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 Ellis Deems & Mollie Ann (Coen) Deems Memorial—Jr./Sr.	1,000.00
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, Mo.)	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
William C. Nelson Memorial Scholarship	200.00
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 or physics 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 or physics 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 1962-63 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 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 Fund*, established by the bequest of the late Miss Coffman, is awarded annually by the Financial Aids Committee or its counterpart in the future, upon the recommendation of the faculty of the Department of Education and the Academic Dean of the College.

### 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	125,000
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.

*"Tuition Plan, Inc."*—Student-Parent Loans.

This plan provides for payments directly to the loaning agencies at a reasonable interest rate depending on the number of years selected. The plan also provides for insurance on the parent during the term of the loan. For further information write to the Dean of Students.

*American Banking Association—United Student Aid Fund*

A loan fund of \$25,000, jointly sponsored by member banks of the American Banking Association, the United Student Aid Fund and William Jewell College is available to sophomore, junior and senior students who qualify. For details concerning the fund students should visit their home-town banks or write the Dean of Students of the College.

## 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 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 (\$1000) 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 was presented to the college 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*, established by Mr. Roscoe P. Jewell, of Brooklyn, New York, in honor of his mother, recognizes each year students who have excelled in the study of French language and literature.

*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 National Commercial Bank—Russell H. Stocksdales Scholarship Award* is given annually to two Liberty High School seniors who enroll at William Jewell College. Selections are made by the high school administration and approved by the Financial Aids Committee of the College.

*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 1963-64 session, returning upper-classmen will register Tuesday, Wednesday and Thursday, September 10, 11 and 12. Freshmen and transferring students will register Thursday and Friday, September 12 and 13.

For the second semester, registration for all students will take place Monday and Tuesday, January 27 and 28, 1964.

Registration, including settlement of all charges at the Treasurer's Office, must be completed by Friday, September 13, for the first semester; or by Wednesday, January 29, 1964, for the second semester.

### ORIENTATION FOR FRESHMEN AND TRANSFERS

From September 9 to 13, 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 8. Residence halls will open Saturday noon, September 7. *All dormitory residents* should be on campus for a meeting at 8:30 a.m., Tuesday, September 10. General Orientation for all students new to this college begins at 8:00 a.m., Wednesday, September 11.

### 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 ten 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.

## 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 Requirements."

Unless a different specific outline published in this catalog 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 Social Science...3	History 116 or Social Science...3
Religion 111 .....2	Religion 112 .....2
Speech 101.....2	Speech 102.....2

Language, Science or Math.....4-5	Language, Science or Math.....4-5
Physical Education 101 .....1	Physical Education 102.....1
<hr/> 15-16	<hr/> 15-16

### *Sophomore Year*

Humanities Elective.....3	Humanities Elective.....3
Social Science Elective.....3	Social Science Elective.....3
Language* .....3-4	Language* .....3-4
Science Elective* .....3-5	Science Elective* .....3-5
Free Elective* .....0-4	Free Elective* .....0-4
<hr/> 16-19	<hr/> 16-19

### 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.

\*Students may wish to avoid taking a 4-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.

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.

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 in the senior year 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.

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

At the end of the first six weeks of each semester a report is made of all students who are doing unsatisfactory work in any class. 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.

Honors in academic subject areas are awarded under special conditions to be ascertained by interested students from their respective advisors.

### 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 bona fide 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 (except performing groups and Applied Music numbered below 200), Language (courses numbered 300 and higher).

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\*Geology is allowable only if other laboratory science has been taken. Astronomy is allowable only if other mathematics has been taken. Courses in Engineering Drawing, other than Descriptive Geometry, do not fulfill this block requirement.

## 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 lifework. 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 seven 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 must 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. Each student must complete ten semester hours from Group IV, Humanities, including the four hours of Bible History.

9. 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. Each 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. 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.

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

13. Each senior is required to pass a comprehensive examination in his major field.

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

15. 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.

16. Any senior who has completed all requirements for graduation with his class except eight semester hours of elective credit or less may, with the permission of the Dean, do this 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

Attendance at Chapel services is required on Wednesdays and Fridays. (Chapel is not convened during final examinations.) A student will receive one grade point if he has no more than three Chapel absences during a semester. If he has from four to six absences, he receives no grade points; if he has from seven to nine absences, he will be required to submit one extra hour of academic credit above the regular number required for graduation; if he has from ten to twelve absences, two extra academic hours. If a student has thirteen or more Chapel absences, he will be referred to the Discipline Committee for action.

Excuses for unavoidable Chapel absences due to genuine emergencies must be accompanied by the student's full name, section, row, and seat number, and date of absence in order to be considered.

## 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 and towels.

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 Discipline Committee.

## AUTOMOBILE RESTRICTION FOR FRESHMEN

All freshmen students residing on campus will be prohibited from having cars on campus, except in cases of demonstrated need. Examples of "need" are: cars used to commute to campus, and cars used in earning a living. Special permits for these persons may be obtained from the office of the Dean of Students.

All freshmen who at the end of the first semester have a grade point average of 2.5 will be permitted the use of their vehicles on campus provided a permit is obtained from the above office.

## 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 everyday 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 honorary for men); *Alpha Lambda Delta* (freshman 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); Nu Zeta Sigma (freshman men's honorary); Panaegis (senior honorary 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; Student National Education 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).

For musical organizations, see notes in the course description section for the Department of Music.

### 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

Some 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)

As William Jewell College is fully accredited by the North Central Association of Colleges and Secondary Schools and approved by the Association of American Universities, its graduates may with full credit continue their work in graduate schools. Students who expect to attend graduate schools must, however, have superior academic records.

The student is advised to study the catalog of the graduate school that he expects to attend, in order to plan his course of study 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 three full years of work in an accredited college of liberal arts, comprising not less than 90 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, and the University of Missouri at Columbia, whereby the student spends

three years in residence at William Jewell College, and two years at the engineering school; thereafter receiving the William Jewell A.B. and the appropriate engineering degree. For details, write: Director of Admissions, Dept. ES, at this College.

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. They are advised to acquaint themselves thoroughly with the catalogue of the engineering school in which they propose to complete their studies.

The following program 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 the official advisor.

### PRE-ENGINEERING PROGRAM OF STUDIES

For students intending to complete professional study at  
Columbia University, New York, N. Y.  
University of Missouri, Columbia, Mo.  
Missouri School of Mines and Metallurgy, Rolla

#### *Freshman*

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 103.....	4	Chemistry 104.....	5
Mathematics 199.....	5	Mathematics 200.....	5
English 115.....	3	English 116.....	3
Speech 101.....	2	Speech 102.....	2
Engineering Drawing 105.....	3	Engineering Drawing 204.....	3
Physical Education 101.....	1	Physical Education 102.....	1
	<hr/> 18		<hr/> 19

#### *Sophomore*

Mathematics 201.....	5	Mathematics 332.....	3
Physics 213.....	5	Physics 214.....	5
Foreign Language.....	4	Foreign Language.....	4
Humanities Elective.....	3	Humanities Elective.....	3
		American History.....	3
	<hr/> 17		<hr/> 18

#### *Junior*

Mathematics 333.....	3	Mathematics 336.....	3
Physics 323.....	3	Physics 316.....	3
Foreign Language.....	3	Foreign Language.....	3
Religion 111.....	2	Religion 112.....	2
Social Science*.....	6	Social Science.....	6
	<hr/> 17		<hr/> 17

\*Inclusion of Economics is recommended.

## 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 (3 semester hrs.)
1 course in economics (3 sem. 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 three years, but most now require 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 to 10 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 or 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. It follows closely the recommendations of the American Association of theological schools on pre-seminary studies. A summary statement of their recommendation follows:

### I. The Function of Pre-Seminary Studies

1. The college work of a pre-seminary student should result in the ability to use certain tools of the educated man. These are represented by his ability to write English clearly and correctly, his ability to think clearly, and his ability to read at least one foreign language.
2. The college work of a pre-seminary student should result in acquaintance with the world in which he lives. It is important the student know the world of men and ideas, the world of nature, and the world of human affairs.
3. The college work of a pre-seminary student should result in a sense of achievement. That the student feel a mastery in the areas of his study is more important than the actual credits and grades which he accumulates.

### II. Subjects in Pre-Seminary Study

It is important that a pre-seminary student earn approximately ninety (90) semester hours of his college work in the following specific areas:

1. English, 12-15 semester hours
2. History, 9-12 semester hours
3. Philosophy, 9 semester hours
4. Natural Sciences, 6 semester hours
5. Social Sciences, 12-15 semester hours, of which general psychology should be a part
6. Foreign Languages, 14 semester hours made up of Latin, Greek, German, or French
7. Religion, 4-10 semester hours.

For possible majors it is suggested that pre-seminary students consider the field of English, Philosophy, History, Sociology, or Religion.

## CURRICULUM

The College reserves the privilege of adding courses, or of omitting courses for which the demand is insufficient to justify their being offered. Assignments of instructors for specific courses and hours of proposed offering are tentative. The official schedule is presented in the printed sheet distributed at the beginning of each semester.

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

Credit for courses is indicated in semester hours.

### ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics

#### GREEK

ASSOCIATE PROFESSOR NEWMAN

*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. 102 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. 101 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. To be arranged. 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.

## 66 ANCIENT LANGUAGES

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.

Alternate years.

## 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, 3 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 NEWLON,  
MARSTON HALL

*Major:* Thirty-six hours. It is recommended that a major include courses 107, 108, 226, 231, 328, 346, 401 or 402, 403 and 404.

Biology 107-108, or equivalent, is prerequisite to all other courses in biology. Students who have not made C's or higher in these courses will not be encouraged to continue.

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. 301, 310 Marston Hall.

PROFESSOR GIER, ASSOCIATE PROFESSOR MOMBERG, ASSISTANT PROFESSOR NEWLON.

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.

226. INVERTEBRATE ZOOLOGY. A course affording an opportunity to become acquainted with representative 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.

68 BIOLOGY

231. GENERAL BOTANY. A study of the anatomy and physiology of the seed plants and a preview of the plant kingdom.

Credit, 5 hours.

First semester. M., W., F., 1:15-3:00, 301 and 310 Marston Hall.

PROFESSOR GIER.

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. Laboratory, T. or Th., 10:25-12:10, 304, 305 Marston Hall.

ASSISTANT PROFESSOR NEWLON.

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, and T. 10:25-12:10.

ASSOCIATE PROFESSOR MOMBERG.

328. PRINCIPLES OF TAXONOMY. Lecture course covering rules of nomenclature, basis for classification, and making of identification keys.

Credit, 1 hour.

Second semester, by arrangement.

PROFESSOR GIER.

334. TAXONOMY AND MORPHOLOGY OF CRYPTOGAMS. A study of the life history and taxonomic characteristics of algae, fungi, and mosses with emphasis upon the local flora.

Credit, 3 hours.

Second semester, by arrangement.

PROFESSOR GIER.

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

Credit, 4 hours. Prerequisite, Chemistry.

First semester. M., W., F. at 8:40. Laboratory by arrangement. 304, 305 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

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

Credit, 4 hours.

Second semester. M., W., F. at 8:40. Laboratory, by arrangement. 304, 305 Marston Hall.

ASSOCIATE PROFESSOR THOMAS.

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

Credit, 3 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. Prerequisite, Biology 328.

Given by arrangement.

PROFESSOR GIER.

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

Credit, 3 hours either semester. Prerequisite, Biology 328.

Given by arrangement.

ASSISTANT PROFESSOR NEWLON.

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

Credit, 1 hour.

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

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 1963-64.

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

STAFF.

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

Credit, 1 to 3 hours per semester. Prerequisite, consent of head of department.

Each semester. By arrangement.

STAFF.

408. INTRODUCTION TO ECOLOGY. Study of the factors governing the relationships between flora, fauna, and environments.

Credit, 4 hours.

Second semester. By arrangement.

ASSISTANT PROFESSOR NEWLON.

## SUGGESTED PROGRAM FOR BIOLOGY MAJORS

### *Freshman*

FIRST SEMESTER	SECOND SEMESTER
Biology 107.....3	Biology 108.....3
English 115.....3	English 116.....3
Mathematics 111 & 115.....5	Group III-IV.....5

## 70 BIOLOGY

or language 111.....4	or Language 112.....4
Physical Education 101.....1	Physical Education 102.....1
Religion 111.....2	Religion 112.....2
Speech 101.....2	Speech 102.....2
<u>15-16</u>	<u>15-16</u>

### *Sophomore*

Biology 231.....5	Biology 226.....5
Chemistry 103.....4	Chemistry 104.....5
Language 111 or 211.....4-3	Language 112 or 212.....4-3
Group III or IV.....3	Group III or IV.....3
<u>16-15</u>	<u>17-16</u>

### *Junior*

Biology elective .....4-5	Biology elective .....4-5
Group III or IV.....6	Group III or IV.....6
Chemistry 301.....5	Chemistry 302.....5
<u>15-16</u>	Biology 328.....1
	<u>16-17</u>

### *Senior*

Biology 403 ..... 1	Biology 404..... 1
Biology 401 or elective..... 3	Biology 402 or elective..... 3
Biology or elective..... 4	Biology 408..... 4
Physics 111..... 4	Physics 112 ..... 4
Group III or IV or elective..... 4	Biology 346..... 3
<u>16</u>	<u>15</u>

## 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:* 24 to 40 hours.

101, 102. GENERAL CHEMISTRY. A descriptive treatment of chemistry which is presented in a general way so as to give the student an appreciative knowledge of the chemistry of today. This course will not be accepted as a prerequisite for further courses in chemistry.

Credit, 3 hours each semester. No credit will be given for only one semester of the subject.

First and second semesters. Lectures, T., W. at 11:20. 107 Marston Hall. Laboratory, Th. at 10:25-12:10. B12 Marston Hall.

ASSOCIATE PROFESSOR HUSELTON.

103. GENERAL CHEMISTRY. A study of the laws and theories which are fundamental to the advanced courses in chemistry.

Credit, 4 hours. Prerequisite, 3 years of high school mathematics.

First semester. Lectures, M., W., Th., or F. at 11:20. B10 Marston Hall. Laboratory, Section A: T. at 2:10; Section B: Th. at 2:10. B12 Marston Hall.

PROFESSOR EDSON.

104. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS. This will be a continuation of Chemistry 103 but will include a study of the elements in accordance with the periodic table, discussing the relationship of the properties of the elements to atomic structure. The law of mass action, chemical equilibrium and solubility product principle will be emphasized. The laboratory work will be devoted mostly to the qualitative analysis of the elements.

Credit, 5 hours.

Second semester. Lectures, M., W., Th., or F. at 11:20. B10 Marston Hall. Laboratory, T., Th. at 2:10. B12 Marston Hall.

PROFESSOR EDSON.

201. ANALYTICAL CHEMISTRY. 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. ANALYTICAL CHEMISTRY. 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 three 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 10:25. 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. By arrangement.

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. However, not more than 46 semester hours in the two fields together will be counted toward the 124-hour degree requirement.

## ECONOMICS

PROFESSOR WATKINS, 309 Jewell Hall  
ASSOCIATE PROFESSOR TRUEX, 310 Jewell Hall

*Major:* Twenty-four to forty hours including 101, 102, 201, 202, 302, and Business Administration 211 and 216.

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 7:50 and 1:15. 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 7:50 and 1:15. 303 Jewell Hall.

PROFESSOR WATKINS.

201. INTERMEDIATE ECONOMIC THEORY. A course in prices and resource allocation. Alternate years. Offered 1964-65.

Credit, 3 hours. Prerequisite, Econ. 102.

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

PROFESSOR WATKINS.

202. NATIONAL INCOME AND GROWTH THEORY. The components of national income as reflections of economic activity and determinants of aggregate demand and employment; analysis of business cycles and secular and short-run aspects of economic growth; full employment equilibrium and the objectives of public policy. Alternate years. Offered 1964-65.

Credit, 3 hours.

Second semester.

ASSOCIATE PROFESSOR TRUEX.

302. MONEY AND BANKING. History and structure of the banking system, objectives and instruments of monetary policy, current monetary issues. Alternate years. Offered 1964-65.

Credit, 3 hours. Prerequisite, Econ. 101.

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

PROFESSOR WATKINS.



311. **MARKETING.** A study of the institutions, channels, and functions involved in the distribution of goods. The role of the producer in product development, pricing and sales promotion is examined as well as consumer demand from the standpoint of buying motives and purchasing power. Alternate years. Offered 1964-65.

Credit, 3 hours.

First semester.

ASSOCIATE PROFESSOR TRUEX.

318. **PUBLIC FINANCE.** The American tax system as it affects employment, economic efficiency, distributional equity, and economic growth; the objectives and instruments of fiscal policy; intergovernmental fiscal relations. Alternate years. Offered 1964-65.

Credit, 3 hours. Prerequisite, Econ. 101 and 102.

Second semester.

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 1963-64.

Credit, 3 hours. Prerequisite, Econ. 101.

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

PROFESSOR WATKINS.

451. **DEVELOPMENT OF ECONOMIC THOUGHT.** An examination of the contributions of Smith, Ricardo, Mill, Marx, the Marginalists, and economists of the present century including Robinson, Schumpeter, and Keynes. Alternate years. Offered 1964-65.

Credit, 3 hours.

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

PROFESSOR WATKINS.

452. **RESEARCH SEMINAR.** Application of economic analysis to current economic problems.

Credit, 1-3 hours.

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

PROFESSOR WATKINS.

## BUSINESS ADMINISTRATION

*Major:* Twenty-four semester hours, including Economics 101 and 102, and Business Administration 211, 212, 216 and 321.

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 8:45. B-8 Marston Hall.

ASSOCIATE PROFESSOR TRUEX.

212. ACCOUNTING II. The application of accounting principles to the partnership and corporate forms of business organization; accounting for payrolls and manufacturing firms, financial statement analysis, budgeting, and a short course in personal income tax accounting are also included.

Credit, 3 hours.

Second semester.

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.

ASSOCIATE PROFESSOR TRUEX.

231. BUSINESS LAW I. An introduction to the history of law and court procedure. The applications of the law of contracts, agency, employment, negotiable instruments, and security devices to business activities and relationships.

Credit, 2 hours.

First semester.

ASSOCIATE PROFESSOR TRUEX.

232. BUSINESS LAW II. A study of the law of real and personal property, bailments, and sales as well as legal requirements pertaining to partnerships and corporations.

Credit, 2 hours.

Second semester.

ASSOCIATE PROFESSOR TRUEX.

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 1963-64.

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

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

PROFESSOR WATKINS.

312. **CORPORATION FINANCE.** A study of the formation, combination, merger, receivership, reorganization, and dissolution of corporations; including capitalization, surplus, dividends, and reserve policies. Offered 1963-64.

Credit, 3 hours. Prerequisite, Economics 101.

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

ASSOCIATE PROFESSOR TRUEX.

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 1963-64.

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. Alternate years. Offered 1964-65.

Credit, 3 hours.

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

ASSOCIATE PROFESSOR TRUEX.

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 1963-64.

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

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

ASSOCIATE PROFESSOR TRUEX.

336. **ANALYSIS OF FINANCIAL STATEMENTS.** Basic procedures underlying the construction of statements. Interpretation of financial information in published statements. Verification of reported results. Not offered 1963-64.

Credit, 3 hours.

Second semester.

Staff.

### *Planning Your Major in Economics and Business Administration.*

While courses in the major field are permitted in the freshman year, all except the most fully prepared and most mature students are advised to take a first-year course that will initiate them into the general program of the college and lay the groundwork for a serious and successful entry into

work in the major field in the following year. Below is outlined a uniform freshman course for both Economics and Business Administration majors. Following it are separate sophomore courses. Since the special interests and capacities of students need to be taken into account fully after the sophomore year, no general plan is presented for junior and senior programs.

### SUGGESTED PROGRAM ECONOMICS AND BUSINESS 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
Social Science.....	3	Social Science.....	3
Foreign Language.....	4	Foreign Language.....	4
Physical Education 101.....	1	Physical Education 102.....	1
	<hr/>		<hr/>
	15†		15†

#### *Sophomore Year for Economics Majors*

Business Administration 211..	3	Business Administration 216..	3
Economics 101.....	3	Economics 102.....	3
Foreign Language.....	3	Foreign Language.....	3
Philosophy 201.....	3	Philosophy 202.....	3
Science or Math.....	3-5‡	Science or Math.....	3-5‡
Elective .....	2-0	Elective .....	2-0
	<hr/>		<hr/>
	17		17

#### *Sophomore Year for Business Administration Major*

Business Administration 211..	3	Business Administration 212..	3
Business Administration 231..	2	Business Administration 232..	2
Economics 101.....	3	Economics 102.....	3
Foreign Language.....	3	Foreign Language.....	3
Science or Math.....	3-5	Science or Math.....	3-5
Elective .....	2-0	Elective .....	2-0
	<hr/>		<hr/>
	16		16

Notes: †Additional hours may be taken when in the opinion of the student and his advisor exceptional capacity exists. Enrollments in excess of 17 hours require additional fees and approval of the Dean of the College.

‡Students expecting to take graduate work in economics will find it necessary to master mathematics beyond elementary calculus.

## EDUCATION

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

*Major in Secondary Education.* William Jewell College 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.

*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. Those students who plan to teach kindergarten should take 205. 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

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\*Psychology 211 is prerequisite to this course.

have earned an overall grade point ratio of 2.5 or higher in all course work—subject matter and methods courses alike—in order to remain in this field of study.

*NOTE: Elementary and Secondary Education*

Before being permitted to enroll in Student Teaching in either the Elementary or Secondary area, a student must apply in writing to the Committee on Student Teaching (Prof. Isley, Chairman) at the beginning of the second semester of the junior year. The Committee will approve only those whom it finds suitable on the basis of grades, test scores, health examination, emotional maturity, and evaluations by teachers. The student must also have the approval of his major department (or of the department of the Secondary subject-area in which he plans to teach).

**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
<b>SOCIAL STUDIES</b>	
American History . . . . .	5
U. S. or State Government . . . . .	2
Geography . . . . .	2
Other Social Studies credit . . . . .	3
<b>MATHEMATICS</b>	
Arithmetic for Teachers . . . . .	2
Other Math . . . . .	2
<b>SCIENCE</b>	
Science (To include credit in physical and biological science) . . . .	8
<b>ART AND MUSIC</b>	
Art for Elementary Schools . . . . .	2
Music for Elementary Schools . . . . .	2
Other Art and/or Music credit . . . . .	4
<b>HEALTH AND PHYSICAL EDUCATION</b>	
Health or Hygiene . . . . .	2
Physical Education for Elementary Schools . . . . .	2
<b>EDUCATION</b>	
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

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.

ASSISTANT PROFESSOR DAVIDSON.

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.

PROFESSOR CHILES.

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.

ASSOCIATE 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.

ASSOCIATE 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 7:45. 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.

ASSISTANT PROFESSOR 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 11:20. 201 Jewell Hall.

ASSOCIATE 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 11:20. 201 Jewell Hall.

ASSOCIATE 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.

ASSOCIATE 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 11:20. 201 Jewell Hall.

ASSISTANT PROFESSOR DAVIDSON.

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.

Second semester. M., W. at 7:45. 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.

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 highlight 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 10:25. 202 Jewell Hall.

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

ASSOCIATE 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. 202 Jewell Hall.

ASSOCIATE 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 Hall.

PROFESSOR GIER.

342. **TEACHING ENGLISH IN THE SECONDARY SCHOOL.** A practical course in methods of teaching in 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.

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.

First 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. See course description under Physical Education 393.

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 DAVIDSON.

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 BOWMAN AND WILSON, Jewell Hall  
 ASSOCIATE PROFESSOR RICE, Jewell Hall

ASSISTANT PROFESSORS HARRIMAN, KEELING, AND SPIDELL, Jewell Hall  
 INSTRUCTORS COZAD, DUNHAM, AND REED, 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 advanced courses in English except English 225-226.

*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. Freshmen admitted on consent of instructor.

Credit, 3 hours each semester.

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

INSTRUCTOR DUNHAM.

303, 304. CONTEMPORARY LITERATURE. The first semester will consider British and American poets since 1900. The second semester will consider British and American novelists since 1900. Alternate years. Not offered 1963-64.

Credit, 3 hours each semester.

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

ASSISTANT PROFESSOR HARRIMAN.

305, 306. SURVEY OF WORLD DRAMA. The first semester will trace the development of world drama from the Greek period to the nineteenth century. The second semester will be devoted to contemporary drama, from Ibsen to the present. Alternate years. Offered 1963-64.

Credit, 3 hours each semester.

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

ASSISTANT PROFESSOR HARRIMAN.

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.** A critical analysis of selected novels in order to observe the development of this literary form. Alternate years. Not offered 1963-64.

Credit, 3 hours.

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

ASSISTANT PROFESSOR HARRIMAN.

330. **THE AMERICAN NOVEL.** A critical analysis of the major American novelists, prior to 1900. Alternate years. Not offered 1963-64.

Credit, 3 hours.

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

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.

First and second semester. Hours to be arranged.

PROFESSOR WILSON.

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.

ASSISTANT PROFESSOR HARRIMAN.

404. **MODERN ENGLISH GRAMMAR.** A study of current linguistic theories of grammar. Open to all upperclassmen and particularly recommended for language majors and others who plan to teach. 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. Alternate years. Offered 1963-64.

Credit, 3 hours.

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

ASSISTANT PROFESSOR HARRIMAN.

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. Alternate years. Offered 1963-64.

Credit, 3 hours.

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

PROFESSOR WILSON.

425. CHAUCER. A study of the life and writings of Chaucer with emphasis on *The Canterbury Tales*. The importance of Chaucer's work in the history of the English language and its literature. Alternate years. Offered 1963-64.

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. Alternate years. Offered 1963-64.

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. This course fulfills the graduation requirement in Speech.

Credit, 3 hours.

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

ASSISTANT PROFESSOR 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, which will be demonstrated by cuttings from plays of different periods.

Credit, 3 hours.

First semester. M. at 1:15-3:00; W. at 1:15.

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.

300. PARLIAMENTARY PROCEDURE. The study of organizational structure, training in parliamentary procedure, and investigation of the rationale of group functioning. No prerequisite. Alternate years. Offered 1963-64.

Credit, 1 hour.

First semester. M. at 2:10.

PROFESSOR BOWMAN.

310. INTRODUCTION TO BROADCASTING. A study of the social aspects of broadcasting, with some attention given to the development of broadcasting skills. Freshmen admitted on consent of instructor. Alternate years. Offered 1963-64.

Credit, 2 hours.

First semester. T., Th., at 1:15.

ASSISTANT PROFESSOR KEELING.

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 1963-64.



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. 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, 3 hours. Not open to freshmen.

Second semester. M. at 1:15-3:00; W. at 1:15.

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.

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.

INSTRUCTOR REED.

338A. SPEECH DISORDERS. Introduction to Hearing Problems. The study of the physics of sound as applied to the hearing mechanism. Audiometric testing processes and the rehabilitation of people with hearing losses. Forty hours of clinical testing. Alternate years. Offered 1963-64.

Credit, 3 hours. Prerequisite Speech 337.

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

INSTRUCTOR REED.

338B. SPEECH DISORDERS. Introduction to Organic Problems. An introduction to the disorders of cerebral palsy, cleft palate, and aphasia. The diagnosis and treatment of organic speech problems. Alternate years. Not offered 1963-64.

Credit, 3 hours. Prerequisite Speech 337.

Second Semester. M., W., F. at 11:20.

INSTRUCTOR REED.

340A. VOICE AND ARTICULATION PROBLEMS. A study of the diagnosis and treatment of problems in voice and articulation. Case work with these problems in college students and testing of children.

Credit, 3 hours.

Second semester. Time to be arranged.

INSTRUCTOR REED.

340B. VOICE AND ARTICULATION PROBLEMS. Practicum. Clinical practice with various types of speech and hearing disorders. Students must work  $2\frac{1}{2}$  clock hours per week for one semester hour of credit. The planning of lessons and keeping of records is stressed.

Credit, 1 to 3 hours. Prerequisites Speech 337 and 340A.

First semester. Time to be arranged.

INSTRUCTOR REED.

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.

PROFESSOR BOWMAN AND ASSISTANT PROFESSOR KEELING.

402. SPEECH SEMINAR. Required of senior speech majors as preparation for graduate work.

Credit, 1 hour.

Second semester. Time to be arranged.

STAFF.

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

ASSISTANT PROFESSOR LINDER, 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, 11:20 and 2:10.  
203 Jewell Hall.

PROFESSOR PUGH.

ASSISTANT PROFESSOR LINDER.

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 7:45, 8:40, 11:20, and 1:15. Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

ASSISTANT PROFESSOR LINDER.

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 7:45, 8:40, 11:20, and 1:15. Jewell Hall.

ASSISTANT PROFESSOR CUTHBERTSON.

ASSISTANT PROFESSOR LINDER.

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. M., W., F. 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 7:45. 203 Jewell Hall.

PROFESSOR PUGH.

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.

Second semester. T., Th. at 10:25. 203 Jewell Hall.

PROFESSOR PUGH.

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.

First semester. T., Th. at 10:20. 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 1:15, 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.

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.

PROFESSOR PHILLIPS.

342. **THE BRITISH EMPIRE.** A study of the formation of the British Empire, the types of governments found within it, the changes which have occurred and its present status.

Credit, 2 hours.

Second semester. T., Th. at 7:45. 203 Jewell Hall.

PROFESSOR PUGH.

343, 344. **HISTORY OF ENGLAND TO 1688; HISTORY OF ENGLAND FROM 1688 TO THE PRESENT.** The first semester, the course considers the people and geography of England, the cultures of the island, the development of institutions, and important aspects of English society and thought. The second semester emphasis is placed on the political, intellectual, international, and economic occurrences of English history.

Credit, 2 hours each semester.

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

ASSISTANT PROFESSOR CUTHBERTSON.

441, 442. **RESEARCH SEMINAR.** Primarily for history 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.

Credit, 2 hours.

First and second semesters. Hours to be arranged.

ASSISTANT PROFESSOR CUTHBERTSON.

## MATHEMATICS

PROFESSOR MORROW,

ASSOCIATE PROFESSOR LAFRENZ, INSTRUCTOR THOMAN.

MARSTON HALL

*Major:* Thirty semester hours.

A student who has shown proficiency in algebra and trigonometry may be eligible for advanced standing. Such students will be admitted to calculus with analytical geometry, and can qualify for a major by taking Mathematics 199, 200, 201, and fifteen hours of courses whose numbers are above 300. If a student takes algebra and trigonometry, and the three courses of calculus, he may qualify for a major by taking twelve hours of courses whose numbers are 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.

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 8:40. 118 Marston Hall.

ASSOCIATE PROFESSOR LAFRENZ.

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,  $11\frac{1}{2}$  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.

STAFF.

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.

199. CALCULUS WITH ANALYTICAL GEOMETRY, I. Among topics included are: functions, limits, the straight line, conics, continuity, differentiation and integration of algebraic and trigonometric functions.

Credit, 5 hours. Prerequisites, 3 or more units of high school mathematics, including trigonometry, and the approval of the head of the Department of Mathematics.

200. CALCULUS WITH ANALYTICAL GEOMETRY, II. A continuation of Mathematics 199. Further study of analytic geometry, including transformation formula, differentiation of logarithmic and exponential functions, the definite integral, further development of the technique of integration, applications to practical situations.

Credit, 5 hours. Prerequisite, Mathematics 199.

201. CALCULUS WITH ANALYTICAL GEOMETRY, III. A continuation of Mathematics 200. Solid analytic geometry, limits, infinite series, multiple integrals, an introduction to partial differentiation.

Credit, 5 hours. Prerequisite, Mathematics 200.

(199, 200, and 201 will be given each semester)

MATHEMATICS STAFF.

332. ANALYTICAL MECHANICS (Statics). This course will include: Fundamental laws, fundamental concepts, definitions, resolution and composition of force systems in space, parallel, non-parallel, concurrent and non-concurrent, equilibrium of force systems, couples, trusses, cranes, cables, friction, centroids, moments of inertia.

Credit 3 hours. Co-requisite, Math 201.

Second semester, M., W., F. at 11:20. 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 11:20. 214 Marston Hall.

PROFESSOR MORROW.

336. DIFFERENTIAL EQUATIONS. A few of the topics are: differential equations of the first order and first degree, and first order of high degrees, singular solutions, linear equations, with constant and variable coefficient, exact differential equations, integration in series.

Credit, 3 hours. Prerequisite, 201.

Second semester, M., W., F. at 7:45. 214 Marston Hall.

335. 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, 201.

First semester, M., W., F., at 7:45. 214 Marston Hall.

INSTRUCTOR THOMAN.

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, 201.

Second semester, M. W., F., at 11:20 or by arrangement.

214 Marston Hall.

441. SELECTED TOPICS FROM HIGHER MATHEMATICS. This course is an extension of the study of Calculus, intended to follow Mathematics 201. 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, 201.

First semester, M., W., F., at 10:25. 214 Marston Hall.

INSTRUCTOR THOMAN.

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. 214 Marston Hall.

INSTRUCTOR THOMAN.

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 201 plus six hours of mathematics which have course numbers above 300.

First or second semester. Hours to be arranged. 214 Marston Hall.

## 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.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 10:20. 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, or by arrangement. 117 Marston Hall.

PROFESSOR MORROW.

## SUGGESTED PROGRAM OF STUDY FOR MATHEMATICS MAJOR

*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
English 115 .....	3	English 116 .....	3
Mathematics 199 .....	5	Mathematics 200 .....	5
Physical Education 101 .....	1	Physical Education 102 .....	1
Science Elective .....	5	Science Elective .....	5
Speech 101 .....	2	Speech 102 .....	2
Total	16	Total	16



*Sophomore Year*

French 111 .....	4	French 112 .....	4
Mathematics 201 .....	5	Mathematics 332 .....	3
Science Elective .....	5	Science Elective .....	6
Total	14	Total	15

*Junior Year*

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

*Senior Year*

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, BRUNER, MCDANIEL;  
ASSISTANT PROFESSOR ROTSCHE

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.

Students who major in French, German, or Spanish are required to complete a total of sixteen semester hours in courses numbered "300" or above in the language chosen.

### FRENCH

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. 8:40; 10:25; 11:20. Plus an additional hour in the laboratory to be assigned.

STAFF.

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 literature and art.

Credit, 3 hours each semester. Prerequisite, 112 or two years of high school French.

First and second semesters, M., W., F. 7:45; 8:40; 10:20, plus an additional hour in the laboratory.

STAFF.

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.

Credit, 2 hours each semester.

First and second semesters, T., Th., 2:10 (Not offered 1963-64.)

ASSISTANT PROFESSOR ROTSCH.

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. 2:10.

Offered 1963-64.

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. 2:10 (Offered 1963-64.)

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.

Credit, 2 hours each semester.

First and second semesters, M., W. 2:10. (Not offered 1963-64.)

ASSISTANT PROFESSOR ROTSCH.

## GERMAN

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. 1:15 plus an additional hour in the laboratory to be assigned.

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. 11:15, plus an additional hour in the laboratory.

PROFESSOR McCARTY.

311. INTRODUCTION TO GERMAN CLASSICS. A study of the major works of Lessing, Goethe, and Schiller. Alternates with 313.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

First semester. T., Th. 2:10-4:00.

PROFESSOR McCARTY.

312. INTRODUCTION TO GERMAN MASTERPIECES. A continuation of 311 with emphasis on the works of Kleist, Grillparzer, and Hebbel. Alternates with 314.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

PROFESSOR McCARTY.

Second semester. T., Th. 2:10-4:00.

313. SURVEY OF GERMAN LITERATURE. A study and analysis of representative selections in German literature from its beginning through the sixteenth century. Alternates with 311. Offered 1963-64.

Credit, 4 hours. Prerequisite 212 or its equivalent.

First semester. T., Th. 2:10-4:00.

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 1963-64.

Credit, 4 hours. Prerequisite 212 or its equivalent.

Second semester. T., Th. 2:10-4:00.

PROFESSOR McCARTY.

## SPANISH

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. 7:45, 8:40, 10:25, 1:15, plus an additional hour in the laboratory to be assigned.

STAFF.

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 (two years of high school Spanish).

First and second semesters. 8:40, 10:25, 11:20, plus an additional hour in the laboratory to be assigned.

STAFF.

311. INTRODUCTION TO SPANISH-AMERICAN LITERATURE. This course and 312 alternate with courses 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 1963-64.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

First semester. M., T., W., Th. 1:15

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 1963-64.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

Second semester. M., T., W., Th. 1:15.

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 1963-64.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

First semester. M., T., W., Th. 1:15.

PROFESSOR MCDANIEL.

314. A SURVEY OF MODERN SPANISH LITERATURE. Rapid reading from authors of the nineteenth and twentieth centuries. Collateral reading and reports. Not offered 1963-64.

Credit, 4 hours. Prerequisite, 212 or its equivalent.

Second semester. M., T., W., Th. 1:15.

PROFESSOR MCDANIEL.

## MUSIC

PROFESSORS FORBIS AND LAKIN, ASSOCIATE PROFESSOR LOVAN,  
ASSISTANT PROFESSORS MILLSOM AND SLAGLE,  
INSTRUCTOR RIEMER.

### GANO CHAPEL

The core curriculum requirements for the Bachelor of Arts degree (major in music) are as follows: eighteen hours of theory; two hours of conducting; six hours of music history; eight hours of private study in one performing medium.

*Major in Music Education:* Additional requirements in this area include: four hours of voice and/or piano if the applied music is not in these fields, and two hours of strings.

*For the Secondary Certificate:* Psychology 211, 212, 330; Education 315, 316, 321 (2), 380, 423 (4); Physical Education 115.

*For the Elementary Certificate:* Psychology 211, 212, 329; Education 201, 202, 203 and/or 204, 321 (2), 411 (2); Physical Education 115.

*Major in Church Music:* Further requirements for this major include: Music 317, 318 and/or 319 and 320; Psychology 211, 212; Religion 331, 334, 342, 343 and 451.

*Major in Music:* Majors in this category are required to include: 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; two hours of Band, Orchestra or Chorus.

### General Regulations

1. All Music Majors are required to present a formal recital in their Junior and Senior years.
2. All Music Majors are required to participate in one choral and one instrumental ensemble each semester. (Seniors are exempt from the requirement during the semester in which they are fulfilling the student teaching requirement.)
3. All Music Majors are required to pass a proficiency examination in elementary piano, voice, and in one string, one woodwind, and one brass instrument.
4. All Music Majors are required to attend departmental performances.

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.

### STRUCTURE AND ORGANIZATION OF MUSIC

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 it until sometime during the first semester, if sufficient facility in piano technique is indicated. 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. ELEMENTARY MUSICIANSHIP.

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.

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 11:20, and T., Th. at 12:10.

See Special Fees.

ASSISTANT PROFESSOR MILLSOM.

201, 202. HARMONY. Secondary seventh chords, dominant and secondary ninth chords, modulation, transition. Further ear training, sight singing and keyboard harmony. Prerequisite, 102.

Credit, 3 hours each semester.

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.

ASSISTANT PROFESSOR SLAGLE.

302. FORM AND ANALYSIS.

Credit, 2 hours. Prerequisite, 301.

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

ASSISTANT PROFESSOR SLAGLE.

401. COMPOSITION. Creative writing and arranging; the study and practice of harmonic procedures as related to composition in smaller forms. Admission upon consent of the Instructor.

Offered in alternate years (1964-65).

Credit, 3 hours.

First semester, M., W., F. at 7:45.

PROFESSOR LAKIN.

#### 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.

ASSISTANT PROFESSOR 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 FORBIS.

#### 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 FORBIS.

#### CHURCH 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, 3 hours.

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

ASSISTANT PROFESSOR MILLSOM.

318. REPERTOIRE OF CHURCH MUSIC (VOICE). A study of solo literature appropriate to the non-liturgical service; performing and listening, with emphasis on style and interpretation.

Credit, 1 hour.

Second semester. M. at 1:15.

ASSISTANT PROFESSOR MILLSOM.

319. REPERTOIRE OF CHURCH MUSIC (ORGAN). The techniques of service playing and a study of literature appropriate to the worship service.

Credit, 1 hour. Alternate years. Offered 1964-65.

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

ASSOCIATE PROFESSOR LOVAN.

320. ORATORIO AND CANTATA. The historical development of the larger vocal forms; analysis of representative examples with emphasis on performance traditions.

Credit, 2 hours. Alternate years. Offered 1964-65.

Second semester. T., Th. at 1:15.

PROFESSOR FORBIS.

Religion 342. THE CHURCH AND ITS HYMNODY. For course description and details, see *Religion*.

Religion 343. HISTORY OF CHRISTIAN WORSHIP. For course description and details, see *Religion*.

### CLASS INSTRUCTION

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. T. at 2:10.

INSTRUCTOR REIMER.

145, 146. **CLASS VOICE.** The class will have a minimum of four and a maximum of eight students.

Credit, 1 hour.

First and second semesters. T., Th. 2:10.

ASSISTANT PROFESSOR MILLSOM.

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. (Not offered 1963-64.)

Credit, 2 hours.

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

PROFESSOR LAKIN.

### PRIVATE INSTRUCTION

Private Instruction 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 Forbis (voice), Professor Lakin (strings, wood-winds, and brass), and Mrs. Lovan (organ and piano).

**PIANO (beginner).** 125, 126, 225, 226.

ASSOCIATE PROFESSOR LOVAN, ASSISTANT PROFESSOR SLAGLE.

**PIANO (advanced).** 131, 132, 231, 232, 331, 332, 431, 432.

ASSOCIATE PROFESSOR LOVAN, ASSISTANT PROFESSOR SLAGLE.

**ORGAN.** 161, 162, 261, 262, 361, 362, 461, 462.

ASSOCIATE PROFESSOR LOVAN.

**VOICE.** 141, 142, 241, 242, 341, 342, 441, 442.

PROFESSOR FORBIS, ASSISTANT PROFESSOR MILLSOM.



STRINGS. 127, 128, 227, 228, 327, 328, 427, 428.

INSTRUCTOR RIEMER.

WOOD-WINDS. 123, 124, 223, 224, 323, 324, 423, 424.

PROFESSOR LAKIN.

BRASS. 137, 138, 237, 238, 337, 338, 437, 438.

PROFESSOR LAKIN.

PERCUSSION. 151, 152, 251, 252.

PROFESSOR LAKIN.

#### MUSICAL ORGANIZATIONS

129, 130, 229, 230, 329, 330, 429, 430. INSTRUMENTAL ENSEMBLE. Any college student is eligible. Selection is by audition.

Credit, 1 hour.

First and second semesters. By arrangement.

PROFESSOR LAKIN, INSTRUCTOR RIEMER.

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.

PEP BAND. Travels to and performs at athletic events throughout the winter season. Auditions are held prior to the basketball season. The ensemble, limited to 15 men, meets once a week.

No credit.

PROFESSOR LAKIN.

STAGE BAND. Performs at Campus social events and variety shows. Designed for those students who are interested in contemporary music; the ensemble meets once a week.

No credit.

PROFESSOR LAKIN.

RECORDER ENSEMBLE. Membership in the ensemble is open to all students of the College. Performing music which is historically unique to the recorder; the group represents the College at many campus, civic, and social affairs.

No credit.

PROFESSOR LAKIN.

163/4—463/4. MEN'S GLEE CLUB. The organization is open to all regularly enrolled members of the College, subject to audition. Working in conjunction with the Women's Glee Club, the men perform sacred and secular music throughout the year.

Credit, 1 hour each semester.

First and second semesters. T., Th. 3:05-4:00.

PROFESSOR FORBIS.

113-114, 213-214, 313-314, 413-414. WOMEN'S GLEE CLUB.  
Credit, 1 hour each semester.

First and second semesters, T., Th. 4:00-4:55.

PROFESSOR FORBIS.

103, 104, 203, 204, 303, 304, 403, 404. THE CONCERT CHOIR.  
PROFESSOR FORBIS.

103, 104, 203, 204, 303, 304, 403, 404. THE CONCERT CHOIR. An organization of limited membership selected for tone production and musicianship. This organization represents the college in public engagements. Its repertoire includes sacred and secular works. Members are selected by audition. Those auditioning should plan to remain in the group for the entire school year.

No credit.

M., W., F. at 4:00.

PROFESSOR FORBIS.

LIBERTY CHORALE. The Chorale performs one major Oratorio each fall. It is open to all students of William Jewell College and to the citizenry of Liberty. Required of all Music Majors, the Chorale meets once each week during the fall.

No credit.

PROFESSOR FORBIS.

## PHILOSOPHY

The W. D. Johnson Department of Philosophy

PROFESSOR TROTTER AND PROFESSOR HUNT, 112 Jewell Hall

*Major:* Twenty-four 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.

Credit, 2 hours.

First semester. T., Th. at 7:45 and 10:25. 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.

Credit, 2 hours.

Second semester. T., Th. at 7:45 and 10:25. 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 1963-64.

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 1963-64.

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.

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 1963-64.

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 1963-64.

Credit, 2 hours.

Second semester. T., Th. at 8:40. 102 Jewell Hall.

PROFESSOR HUNT.

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), Philosophy Through Literature (378).

Credit, 2 hours.

Both semesters. Hours arranged on a conference basis.

PROFESSORS HUNT AND TROTTER.

## PHYSICAL EDUCATION

PROFESSOR PATTERSON, ASSOCIATE PROFESSOR NELSON,

ASSISTANT PROFESSORS GOURLEY AND KINMAN,

INSTRUCTORS MEGOWN AND FLOOK

*Major:* Twenty-four semester hours, for both men and women. Must include the following courses: 115, 116, 215, 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, cross country, and swimming.

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

Individual Sports (men and women).  
 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.  
 Intermediate Swimming.  
 Team Sports (women only).  
 Handball and Body Building (men only).  
 Elementary Rhythmic Activities (men and women).  
 Rugby (men only).  
 Soccer and Speedball (men only).  
 Square dance (men and women).  
 Trampoline and Tumbling (men and women).  
 Synchronized Swimming (men and women).  
 Elementary Gymnastics (men only).  
 Lacrosse (men only).

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 10:25 Marston Hall.  
 INSTRUCTOR MEGOWN.

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.  
 First semester. T., Th. at 11:20. 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 10:25. 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. Offered 1964-65.  
 First semester. T., Th. at 8:45. 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.

ASSISTANT PROFESSOR 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.

ASSISTANT PROFESSOR 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 towards 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.

ASSISTANT PROFESSOR 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 MEGOWN.

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.

Second semester. M., W., F. at 12:15.

ASSISTANT PROFESSOR 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 7:45. 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 11:20.

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.

Second semester. M., W., F. at 11:20. 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, 4 hours. Juniors and Seniors only.

First semester. M., W., F. at 1:15-3:00.

ASSISTANT PROFESSOR 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
<hr/> 16		<hr/> 16	



*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
Physical Education 116.....	2	Humanities Elective.....	2
	<hr/>		<hr/>
	16		17

*Junior Year*

Foreign Language .....	3	Foreign Language .....	3
Science .....	3	Minor .....	6
Minor .....	6	Humanities Elective .....	2
Humanities Elective .....	3	Psychology 330 .....	3
	<hr/>	Physical Education 325.....	3
	15		<hr/>
			17

*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
	<hr/>	Physical Education 332 .....	3
	15		<hr/>
			16

## PHYSICS

The E. S. Pillsbury Department of Physics

PROFESSOR HILTON, 207 MARSTON HALL

ASSISTANT PROFESSOR PHILPOT, 205 MARSTON HALL

*Major:* Thirty semester hours, including fifteen hours of Junior-Senior courses, and three hours of advanced laboratory.

*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 332, 333.

*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, or University of Missouri:* Physics 213, 214, 315, 316; Mathematics 332, 333.

Mathematics 332 and 333 (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.

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.

ASSISTANT PROFESSOR PHILPOT.

104. FOUNDATIONS OF PHYSICS. Basic principles of electricity, magnetism, light, optics, wave motion, and modern physics.

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.

ASSISTANT PROFESSOR PHILPOT.

111. COLLEGE PHYSICS. The general principles of mechanics, properties of matter, heat, and sound, together with a discussion of some of the practical applications. Problems and laboratory work are emphasized.

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.

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.

PROFESSOR HILTON.

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 1963-64.)

Credit, 3 hours. Prerequisite, Physics 112 or Mathematics 115.

Second semester. Lecture, and laboratory, M., W., F. at 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.

ASSISTANT PROFESSOR PHILPOT.

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 1963-64.

Credit, 3 hours. Prerequisite, Physics 214, Mathematics 226 or 182.

First semester. Lecture M., W., F. at 1:15 Marston Hall.

323. 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. M. 2:10-5:00. Marston Hall.

ASSISTANT PROFESSOR PHILPOT.

333. OPTICS LABORATORY. To follow or accompany Physics 323. Credit, 1 or 2 hours.

First semester. Three hours laboratory work 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. INDEPENDENT STUDY AND RESEARCH. A detailed study of some specific problem or 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 ASSISTANT PROFESSOR PHILPOT.

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.

ASSISTANT PROFESSOR PHILPOT.

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.

ASSISTANT PROFESSOR PHILPOT.

446. SELECTED TOPICS IN MODERN PHYSICS. The course will include an introduction to quantum mechanics, and other topics in modern physics.

Credit, 2 semester hours.

Second semester. T., Th. at 8:40.

ASSISTANT PROFESSOR PHILPOT.

## A SUGGESTED PROGRAM OF STUDY FOR A PHYSICS MAJOR

<i>Freshman Year</i>			
FIRST SEMESTER		SECOND SEMESTER	
Physics 111 .....	4	Physics 112 .....	4
Mathematics 111, 115		Mathematics 118	
or Mathematics 199 .....	5	or Mathematics 200 .....	5
Chemistry 103* .....	5	Chemistry 104* .....	5
English 115 .....	3	English 116 .....	3
	<hr/> 17		<hr/> 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 Year*

German or French .....	4	German or French .....	4
Mathematics 201.....	5	Mathematics 336.....	3
Physics 213 .....	5	Physics 214 .....	5
Humanities Elective .....	3	Physics 216 .....	3
	<hr/> 17	Elective .....	2
			<hr/> 17

*Junior Year*

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
	<hr/> 18		<hr/> 18

*Senior Year*

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	Mathematics 438.....	3
Mathematics 335.....	3		<hr/> 15
	<hr/> 16		

Other recommended courses are: Physics 318, Physics 337, Mathematics 438.

## POLITICAL SCIENCE

ASSOCIATE PROFESSOR ADAMS

ASSISTANT PROFESSOR LINDER

*Major:* Twenty-four semester hours.

It is customary and desirable though not compulsory, for Political Science majors to take 101 and 102 before proceeding with advanced courses, preferably in the freshman year. Political Science 231, 232, 321, and 322 are required of all majors.

The following courses may be taken for credit toward a Political Science major, up to a maximum of 10 hours: Philosophy 233 and 234; Economics 318; Sociology 319; History 337 and 338; Religion 356.

Few Political Science courses have a rigid prerequisite, but either 101 or 102 will provide a suitable introduction to advanced study. Which of these provides the better background for a particular course is indicated below in some instances where there is no formal prerequisite.

101. **PRINCIPALS OF GOVERNMENT.** An introduction to Political Science. The student is acquainted with the terminology and methods of the study of government through a survey of the principal forms, focusing on the political institutions and practices of the United States, Great Britain, France, and the Soviet Union. Some attention is devoted to international relations 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; expansion of federal functions; civil liberties; status and responsibilities of the citizen; parties and interest groups in the political process; structure and functions of the executive, legislative, judicial, and administrative branches; special attention to contemporary liberalism and conservatism, both in general and with respect to selected basic issues in American public policy.

Credit, 3 hours.

Second semester. M., W., F. at 7:45 and 8:40; several discussion groups by arrangement.

ASSOCIATE PROFESSOR ADAMS.

200. **STATE AND LOCAL GOVERNMENT.** Increasing cooperation among the states and with the federal and local governments; participation of the citizenry in meeting special problems at the state and local levels as governmental functions expand; reforming state and local government; comparison of various forms of state and local government, with some attention to that of Missouri. Offered annually.

Credit, 2 hours. Prerequisite, 101 or (preferably) 102; may be taken simultaneously with 102. Freshmen admitted by consent of instructor only.

Second semester. T., Th. at 8:40.

ASSISTANT PROFESSOR LINDER.

231. **CONSTITUTIONAL LAW.** Evolution of constitutional government in the United States; roots of the common law; powers of the President, Congress and the Courts; federalism; civil rights; development of the contract, commerce, due process, equal protection, and other important clauses through judicial interpretation; study of the leading cases. Offered annually. (Note: A student may enroll simultaneously in Political Science 431 for 1 hour of credit in order to obtain an introduction to legal research. This provision is intended primarily for pre-law students.)

Credit, 3 hours. Suggested background, 102. Freshmen not admitted.

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

ASSOCIATE PROFESSOR ADAMS.

232. **AMERICAN POLITICS.** Political parties and pressure groups in the United States; sectionalism and public opinion; party history; organization of the parties; campaigns and elections. Offered 1964-65.

Credit, 3 hours. Suggested background, 102. Freshmen not admitted. First semester.

ASSISTANT PROFESSOR LINDER.

301. PUBLIC ADMINISTRATION. Problems of administration of government in a democracy; emphasis upon policies, organization, and functions of the civil service; problems of personnel management; the nature of services rendered by government to the people.

Credit, 3 hours. Freshmen not admitted.

First semester. T., Th., 7:45 and 8:40.

PROFESSOR JERZY HAUPTMANN (of Park College).

315, 316. AMERICAN POLITICAL THOUGHT. The colonial period; political arguments leading to the American Revolution; political thought as reflected in the writing and adoption of the Constitution; Hamiltonianism, Jeffersonianism, Jacksonian democracy, slavery; influence of religion, literature, sectionalism, and the frontier on American political thought. Reconstruction; the Solid South; influence of "big business"; rugged individualism; social protest; muckraking; the New Freedom; post-war disillusionment; the New Deal and Fair Deal; current trends in American political thought. Offered 1963-64.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 11:20.

Assistant Professor Linder.

321. COMPARATIVE GOVERNMENT. Organization and operation of the principal European governments: Great Britain, France, Germany, the Soviet Union, Italy, Scandinavia, Switzerland. Some attention to other areas; special consideration of ideologies. Offered 1963-64.

Credit, 3 hours. Suggested background, 101. Freshmen not admitted.

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

ASSISTANT PROFESSOR LINDER.

322. INTERNATIONAL POLITICS. Fundamentals of international relations; nature of power politics; dynamics of state existence; balance of power, international morality, international law; regionalism; international organization; idea of a world state; diplomacy; the search for peace and security. Offered 1964-65.

Credit, 3 hours. Suggested background, 101. Freshmen not admitted.

Second semester.

ASSOCIATE PROFESSOR ADAMS.

331. SOVIET CIVILIZATION. An intensive study of the basic features of the Soviet system. Roots of Soviet civilization: classical Marxism; international socialism before 1917; Imperial Russia. Development and operation of contemporary political, economic, and social institutions in the USSR; the nature of totalitarianism. Some attention to foreign policy, literature and science, and the international Communist movement. Offered 1963-64.



Credit, 3 hours. Freshmen not admitted.

Second semester.

ASSOCIATE PROFESSOR ADAMS.

431, 432. RESEARCH SEMINAR. *Fall semester:* Colloquium in advanced principles of Political Science; readings and oral reports on basic problems in Political Science. (Note: 431 may be taken for 1 hour credit as an introduction to legal research, in conjunction with Political Science 321, Constitutional Law.) *Spring semester:* Research on selected topics, determined by interests of the student. Results of research are produced in the form of a short thesis. Personal conferences and periodic group meetings. (Note: It is possible by special arrangement to pursue a single research topic through two semesters, for a total of anywhere from 2 to 4 semester hours of credit.)

Credit, 1-3 hours. Prerequisite, 12 hours of Political Science and/or consent of instructor.

First and second semesters. Hours to be arranged.

ASSOCIATE PROFESSOR ADAMS.

## PSYCHOLOGY

*Major:* Twenty-four semester hours, of which 211, 320, 321, and 322 are required.

211. GENERAL PSYCHOLOGY. A general introduction to psychology as a study of human behavior and personality.

Credit, 3 hours.

First semester. M., W., F. at 8:40, 11:20; T., Th. 8:05-9:30.

ASSISTANT PROFESSOR MCKINNEY.

212. EDUCATIONAL PSYCHOLOGICAL. Application of psychological facts and principles to learning and teaching. Chief topics of study are learning ability, types of learning, psychological methods and conditions of learning, motivation, transfer of learning, and evaluation of achievement.

Credit, 3 hours. Prerequisite, 211.

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

Second semester. M. W., F. at 11:20; T., Th. 8:05-9:30.

ASSOCIATE PROFESSOR WICKE.

301. MENTAL HYGIENE (formerly 214). The psychology of personal adjustment, surveying problems of emotional maladjustment and minor personality disturbances, with a discussion of preventive and corrective programs, therapeutic measures, and resources for mental health.

Credit, 3 hours. Prerequisite, 211.

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

ASSISTANT PROFESSOR CANTRELL.

303. ABNORMAL PSYCHOLOGY. A descriptive and explanatory study of the major personality disorders, including psychogenic, psychosomatic, and organic problems. Evaluation of current diagnostic and therapeutic procedures.

Credit, 3 hours. Prerequisite, 301, or permission of department.  
 Second semester. M., W., F. at 10:25.  
 ASSISTANT PROFESSOR CANTRELL.

304. SOCIAL PSYCHOLOGY. A study of individual behavior and personality in social context. A comparison of cultures and sub-groups in relation to customs, beliefs, attitudes, and aspirations, with attention to dynamics of behavior in group interaction.

Credit, 3 hours. Prerequisite, 211 and Soc. 211.  
 First semester. T. Th., 8:05-9:50.  
 ASSISTANT PROFESSOR CANTRELL.

305. PERSONALITY. A survey of personality theory, with emphasis upon the study of present day approaches to development, structure, dynamics, and evaluation of personality.

Credit, 3 hours. Prerequisite, 211 and 303, or permission of department.  
 Second semester. T., Th. 8:05-9:30.  
 ASSISTANT PROFESSOR MCKINNEY.

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 an placement, job analysis, procedures of evaluation and testing, and problems of employee morale.

Credit, 3 hours. Prerequisite, 211. Not offered 1963-64.

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 8:40. B-8 Marston Hall.  
 ASSISTANT PROFESSOR MCKINNEY.

314. PSYCHOLOGY OF LEARNING. A study of the major theories of learning, with attention to the principles of behavior which have been identified through experiments on learning processes.

Credit, 3 hours. Prerequisite, six hours of Psychology.  
 Second semester. M., W., F. at 11:20. B-8 Marston Hall.  
 ASSISTANT PROFESSOR MCKINNEY.

317. TESTS AND MESUREMENTS OF PSYCHOLOGY AND EDUCATION. A survey of the major principles, concepts and instruments employed in psychological evaluation, diagnosis, and counseling, with special attention to reliability, validity, and construction of tests, and interpretation of results.

Credit, 3 hours.  
 Second semester. M., W., F. at 11:20.  
 ASSISTANT PROFESSOR CANTRELL.

320, 321. **EXPERIMENTAL PSYCHOLOGY.** An introduction to psychological experimentation, with an emphasis upon methods and design of experiments. Lecture and laboratory. Required of majors.

Credit, 3 hours each semester. No credit will be given toward graduation for only one semester of the subject. Prerequisite, six hours of Psychology and Junior rank.

First and second semesters. M., 1:15; W., F. 1:15-3:00. B-8 Marston Hall.

ASSISTANT PROFESSOR MCKINNEY.

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 six additional hours in Psychology.

First semester. M., W., F. at 11:20. B-8 Marston Hall.

ASSISTANT PROFESSOR MCKINNEY.

329. **DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD.** A study of the child from infancy to early adolescence, with emphasis on emotional and social development, personality, and the influence of early experiences upon later life.

Credit, 3 hours. Prerequisite, 211.

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

ASSISTANT PROFESSOR CANTRELL.

330. **DEVELOPMENTAL PSYCHOLOGY: ADOLESCENCE AND MATURITY.** Continuation of study of the developing person, 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 8:40.

ASSISTANT PROFESSOR CANTRELL.

400. **CLINICAL PSYCHOLOGY.** An introduction to the branch of psychology concerned with the diagnosis and treatment of behavior disorders. Problems, methods, and investigation in this field will be considered.

Credit, 3 hours. Prerequisite, 303. Not offered 1963-64.

Second semester.

401, 402. **READINGS IN PSYCHOLOGY.** Readings and reports of selected topics on an advanced level. For majors only. Consent of professor required.

Credit, 2 hours either semester. To be arranged.

ASSISTANT PROFESSOR MCKINNEY.

421. **SEMINAR.** Discussion and special projects for Junior and Senior majors at an advanced level. Area of study 1963-64: Counseling.

Credit, 2 hours. Consent of professor required.

First semester. Time to be arranged.

STAFF.

## RELIGION

The W. D. Johnson Department of Religion  
 PROFESSOR MOORE, 306 JEWELL HALL  
 ASSOCIATE PROFESSOR NEWMAN  
 ASSOCIATE PROFESSOR BROOKS  
 209 JEWELL 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, ASSOCIATE PROFESSORS NEWMAN AND BROOKS.

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, ASSOCIATE PROFESSORS NEWMAN AND BROOKS.

143. CHURCH ADMINISTRATION. The minister's task as educational leader, pastor, administrator, preacher, and community leader will be discussed. Designed for freshmen who expect to seek pastorates while in college.

Credit, 2 hours.

First semester. T., Th. at 8:40. 204 Jewell Hall.

PROFESSOR MOORE.

221. LIFE AND TEACHINGS OF JESUS. A historical-theological interpretation of the person and ministry of Jesus.

Credit, 3 hours. Freshmen are admitted to this course.

First semester. M., W., F. at 10:25. 204 Jewell Hall.

ASSOCIATE PROFESSOR NEWMAN.

222. LIFE AND LETTERS OF PAUL. Paul and his writings are studied in the context of the developing Christian community.

Credit, 3 hours. Freshmen are admitted to this course.

Second semester. M., W., F. at 8:40. 204 Jewell Hall.

ASSOCIATE PROFESSOR BROOKS.

224. THE GENERAL EPISTLES, HEBREWS, AND REVELATION. An interpretive study of these writings with an investigation of their historical backgrounds and relationships.

Credit, 3 hours.

Second semester. M., W., F. at 7:45. 204 Jewell Hall.

ASSOCIATE PROFESSOR NEWMAN.

252. CHRISTIAN MISSIONS. An examination of the biblical-theological basis for a Christian world mission with a consideration of the relevance of the Christian message for the contemporary world.

Credit, 2 hours.

Second semester. M., W. at 8:40. 204 Jewell Hall.

ASSOCIATE PROFESSOR NEWMAN.

331. HISTORY OF THE CHURCH. A survey of Christian history through the Reformation.

Credit, 3 hours.

First semester. M., W., F. at 10:25. 204 Jewell Hall.

ASSOCIATE PROFESSOR NEWMAN.

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.

Second 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.

Credit, 2 hours.

Second semester. W., F. at 11:20. 204 Jewell Hall.

ASSOCIATE PROFESSOR BROOKS.

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 11:20. 204 Jewell Hall

ASSOCIATE PROFESSOR BROOKS.

342. THE CHURCH AND ITS HYMNODY. A historical study of hymns and writers. An analysis of the elements constituting good hymns, and a critical study of published hymnals.

Credit, 3 hours. Alternate years. Offered 1963-64.

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

STAFF.

343. HISTORY OF CHRISTIAN WORSHIP. A survey of the worship traditions of the Christian Church. Investigation into the origins of Christian Worship, its growth in various confessions, East and West, and modern efforts to rediscover worship. Attention will be given to devotional classics.

Credit, 3 hours. Alternate years. Offered 1963-64.

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

PROFESSOR MOORE.

352. 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.

Credit, 3 hours.

First semester. M., W., F. at 7:45. 204 Jewell Hall.

ASSOCIATE PROFESSOR BROOKS.

356. CHURCH AND STATE. A study of the development and meaning of the separation of church and state as practiced in the United States. Credit toward political science major is granted.

Credit, 2 hours.

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

ASSOCIATE PROFESSOR BROOKS.

451. THE RELIGIONS OF MANKIND. A survey of the major religions of the world, past and present.

Credit, 3 hours.

First semester. M., W., F. at 8:40. 204 Jewell Hall.

ASSOCIATE 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: *Our Faith*, Emil Brunner; *Guide to the Christian Faith*, Spurrier.

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.

ASSOCIATE PROFESSOR NEWMAN.

## SOCIOLOGY

PROFESSOR THOMSON AND ASSOCIATE PROFESSOR WHALEY, Jewell Hall  
*Major:* Twenty-four semester hours, including courses 211, 319, and 412. Psychology 304, Social Psychology, may be taken for credit toward the major in sociology.

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 process of culture. Personal and social disorganization, problems of the economic order; and situations related to social change are among topics considered.

Credit, 2 hours.

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 8:40.

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. T., Th. 8:15.

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.

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.

Credit, 3 hours. Prerequisite, 211, and Psychology 211. Not offered 1963-64.

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.

For seniors of exceptional ability.

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.

Prerequisite: Sociology 319. Co-requisite: Business Administration 216, Statistics or equivalent.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

# Enrollment

## ENROLLMENT FOR 1962-63 SCHOOL YEAR

### First Semester Enrollment Plus New Students Second Semester

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors .....	120	74	194
Juniors .....	146	79	225
Sophomores .....	155	98	253
Freshmen .....	169	101	270
Special Students .....	54	25	79
Total .....	<u>644</u>	<u>377</u>	<u>1021</u>
Summer School 1962....	113	103	216
Duplications .....	(58)	(44)	(102)
Grand Totals .....	699	436	1135

## GEOGRAPHIC DISTRIBUTION 1962-63

<i>First and Summer Second 1962 Semesters Total</i>				<i>First and Summer Second 1962 Semesters Total</i>			
Arkansas .....	0	1	1	North Carolina ..	0	1	1
California .....	0	4	4	Ohio .....	1	9	9*
Colorado .....	0	12	12	Oklahoma .....	0	1	1
Connecticut .....	0	1	1	Oregon .....	0	1	1
Florida .....	0	2	2	Pennsylvania ....	1	1	2
Georgia .....	0	1	1	Rhode Island ....	0	1	1
Hawaii .....	0	1	1	Texas .....	0	5	5
Idaho .....	0	2	2	Virginia .....	0	3	3
Illinois .....	5	48	50*	Washington .....	0	2	2
Indiana .....	0	3	3	West Virginia ...	0	2	2
Iowa .....	1	7	8	Wisconsin .....	0	1	1
Kansas .....	8	49	53*	Israel .....	1	1	1*
Kentucky .....	0	3	3	Japan .....	0	1	1
Massachusetts ...	0	4	4				
Michigan .....	0	1	1	Total	216	1021	1135*
Minnesota .....	0	2	2	Grand total includes no duplications.			
Missouri .....	199	834	940*	Summer School students who returned			
Nebraska .....	0	7	7	for first or second semester are not			
New Mexico ....	0	1	1	counted twice.			
New Jersey .....	0	8	8	*Indicates adjustment has been made for			
New York .....	0	1	1	these duplicates.			

## HONORARY DEGREES CONFERRED

*Commencement, May 28, 1962*

Doctor of Laws, JOHN H. BUCHANAN  
Chaplain at the Baptist Hospitals  
Birmingham, Alabama

Doctor of Divinity, WILLIAM COOKE BOONE  
Retired General Secretary-Treasurer  
Kentucky Baptist Convention 1946-61  
Jackson, Tennessee

Doctor of Divinity, DR. JAMES H. SMITH  
Coordinator of Christian Education and the Cooperative Program  
Missouri Baptist Convention  
Jefferson City, Missouri

*Achievement Day, November 8, 1962*

Doctor of Divinity, BENJAMIN PATTERSON BROWNE  
President, Northern Baptist Theological Seminary  
Chicago, Illinois

Doctor of Letters, HERSCHEL HAROLD HOBBS  
President, Southern Baptist Convention  
Oklahoma City, Oklahoma

Doctor of Laws, EARL JAMES MCGRATH  
Executive Officer, Institute of Higher Education  
Teachers College, Columbia University

Doctor of Laws, EDWARD V. RICKENBACKER  
Chairman of the Board, Eastern Air Lines, Inc.  
New York, New York

## BACHELOR OF ARTS DEGREES CONFERRED

*Commencement, May 28, 1962*

JAMES WILLIAM ARTER	JOHN BUGERA	Kansas City, Kansas
Elm Grove, Wisconsin	Magna cum laude	
JOHN C. ATKINS	VIRGINIA LYNN BURRS	St. Louis
Independence	Summa cum laude	
DONELDA ANN ATKINSON	PATRICIA JOANN BUTLER	Bethany
Magna cum laude	HUGH ALLEN CARLIN	Kansas City
Excelsior Springs	DAVID DOUGLAS CARNEY	St. Louis
ROBERT LEE BAILEY	BRENDA TRAINER CHILDRESS	Liberty
Weiser, Idaho	SAMUEL LEE CHILDRESS	Liberty
LIBERTY	RICHARD Z. COX	Kansas City
LARRY EDWARD BENSON	DAVID LEE CROUSE	St. Charles
Magna cum laude	ARTHUR CLYDE CUNNINGHAM	
KENNETH CHARLES BOHRINGER	Magna cum laude	
Magna cum laude	Englewood, Colorado	
JOYCE E. BOLANDER	ROBERT UDELL CURL	Lee's Summit
Bolivar	RICHARD L. DABNEY	Liberty
TONI ANNE BOLENBAUGH	JAMES JOSEPH DAKE	Osborn
Kansas City	NANCY RUTH DANIELS	Liberty
Summa cum laude	JAMES DAVID DECKER	Archie
TERRY HARGIS BORCHARDT	JAMES B. DESHON	Smithville
Independence	BILLY J. DEVINE	Liberty
NORMAN L. BOWMAN	LINDA LOU DONALDSON	Kansas City
Kirkwood	DAVID WILLIAM DRIVER	
MARGUERITE SMITH BRECKENRIDGE	San Marino, California	
Belton		
JERRY W. BROWN		
Magna cum laude		
FRED JAMES BUCHANAN		
Belton		

BARBARA ANN VAUGHN DUNN	Kearney	LINDA KAY KULMAS	Kansas City
THOMAS E. ELLIS	Independence	JUDITH KAY LAFFOON	St. Joseph
EDNA JOYCE EMERICK		ARLIE JAMES LAMB	Kansas City
	Council Bluffs, Iowa	CARL R. LAMP	Excelsior Springs
PAUL AUGUST FINDLEY	St. Joseph	LINDA LONG LANDERS	Independence
PATRICIA SUE FOLKERT	Independence	LARRY LEE LANTZ	Liberty
JUDITH ELAINE FORBIS	Kansas City	JOHN PAUL LAUGHREY	Overland Park, Kansas
EDGAR RAY FRANTZ	Grain Valley	JAMES JOSEPH LEWIS	Harrisonville
ROBERT ANDERSON FRAZIER	Harrisonville	WONDA LEE MCALISTER	Taft, California
FRANK FRISTOE	Columbia	GARY A. MCCORMACK	Marshalltown, Iowa
EUGENIE HELENE FROWEIN	Kansas City	RONALD GENE MCCOY	Brookfield
WILLIAM M. FULKERSON	Kirksville	GAY MCGARY	St. Louis
JEWELL GRIFFIN GANAWAY	Liberty	SHARRON MAGEE	McFall
WILLIAM R. GARRETT	North Kansas City	THOMAS WILLIAM MALLOT	Kansas City
RICHARD EUGENE GETTY	Liberty	BETTY ANN MEIER	Ferguson
DIANE KAY GIBSON	Lexington	ARTHUR W. MILLER	Liberty
SANDRA MAE GLAESEMAN	St. Louis	GEORGE T. MILLER	Thayer
CLIFFORD GERALD HAENDIGES	Richmond	MERRICK DAVIS MOHLER	Glendale
J. A. HARRIS	Kansas City	CAROL ANN MOORE	Holt's Summit
RICHARD ARLEN HARRIS	Waverly	GRACIANO XAVIER MORENO	Grandview
	Magna cum laude	CORA EVELYN MORSE	Thayer
FRED L. HARTMAN	Kansas City	PATRICIA ELIZABETH NEELY	St. Joseph
MARY JO HARVEY	Kansas City	GRUNDY EARL NEWTON	Platte City
SANDRA JOY HARVEY	King City	MARTHA O'DANIEL	Kansas City
LARRY RICHARD HEAPS	Carthage	GEORGE FORREST OLENDORF	Kansas City
DON JORDAN HENDERSON	Liberty	FRANK MELVIN ORNBURN	Kansas City
	Magna cum laude	LARRY DEAN OSBORNE	California
THOMAS YOUNG HIGHTOWER	Marshall	GUY M. OWEN	Liberty
WILLIAM WOOD HOBBS	Raytown	JOHN NEWTON PARKER	Manhasset, New York
WILLIAM RALPH HOCKENSMITH	Kansas City	DONN L. PATTERSON	Smithville
LOGAN JUDSON HOUSER	Colton, California	GEORGE M. PAYNE	Middletown, Ohio
LINDA LOY HUFFT	Liberty	MAX MITCHELL PAYNE	Liberty
ROBERT EVANS HUFFT	Liberty	HELEN HARRIET PETTY	Lawson
JANE ANN HUNT	Independence	JOYCE ELAINE POPPENHAGEN	Chillicothe
DONALD HENRY INLOES	Camden Point	AVA JEANNE PORTER	Portsmouth, Virginia
CAROL IRISH	Sacramento, California	DONALD W. PORTER	St. Louis
RONALD JOE JENKINS	Ferguson	JACK W. PURDY	Kansas City
ARLENE L. JOHNSON	Kansas City	RICHARD NELSON RALLS	Rapid City, South Dakota
THOMAS ROBERT JONES	Elmwood, Illinois	ROBERT LEE READING	Liberty
JACK M. JORDAN	Liberty	ROGER ROARK	Liberty
SUE LOUISE JULIAN	Courtney	NINA M. ROBB	Kansas City
WILLIAM JOHN KALEY	Kansas City	DON KENT ROGERS	Kansas City
ROBERT E. KEARNEY	Kansas City	JUDITH LEE ROSENOW	Hillsdale, Michigan
MARVIN ALONZO KEIRSEY	Adrian	WAYNE RAY RUDLOFF	St. Joseph
FREDRICK RICHARD KERNS	Santa Ana, California	CHARLES EVERETT SAMS	Kansas City
CAROLA MAE KIMBERLIN	Kearney	HERBERT C. SCHAFER	Kansas City
RICHARD DEAN KNIGHT	Kansas City	ELEANOR ANN SCOTT	Smithville
PAUL WAYNE KUHLMAN	Bogard	MARTHA EDITH SERMON	Independence
		MELBA JEAN SHARP	Liberty

THOMAS R. SHARP	<i>Liberty</i>	ALAN CHARLES WEBSTER	<i>Liberty</i>
<i>Magna cum laude</i>		PAULA DIANE WEESE	
WILLIAM EDWARD SHARP		<i>Wood River, Illinois</i>	
<i>Monte Vista, Colorado</i>		RONALD C. WEGER	
ANSELM YAN-CHUNG SIAO	<i>Malaya</i>	<i>Lawrenceville, Illinois</i>	
OOI SIEW-PIN SIAO	<i>Malaya</i>	<i>Magna cum laude</i>	
NANCY SILVA HERNANDEZ	<i>Liberty</i>	LYNN BRANDT WEST	<i>Liberty</i>
MARTHA ANN SIMRALL	<i>Liberty</i>	ROBERT DONALD WEST	<i>Liberty</i>
BILL SNYDER	<i>St. Joseph</i>	JANE KAREN WHITE	<i>Liberty</i>
BETTY JUNE SOUTHER	<i>Kansas City</i>	JOHN L. WHITE	<i>Liberty</i>
JAMES WM. SPRY	<i>Centralia</i>	TERRY G. WHITNELL	<i>Trenton</i>
DANIEL NORAL SPURCK	<i>Lee's Summit</i>	LARRY DAVID WIGGER	<i>Hannibal</i>
KAREN MARIE STOLTE	<i>Mexico</i>	BEVERLY SUE WILLIAMS	
<i>Magna cum laude</i>		<i>Tuscola, Illinois</i>	
JENNIE M. STRATTON		PAUL GENE WILLIAMS	<i>Lee's Summit</i>
<i>Kansas City, Kansas</i>		JAY GORDAN WILLIS	
JUDITH CAROL STUBBS	<i>Edgerton</i>	<i>Kansas City, Kansas</i>	
LEO HENRIK TAKAHASHI	<i>Liberty</i>	JUDITH WILDMAN WILSON	<i>Liberty</i>
JACQUELINE MARIE TEEPLE	<i>St. Louis</i>	NANCY GAY WILSON	<i>Liberty</i>
PAUL HARLAN TODD	<i>Liberty</i>	ALLAN WESLEY WINDMILLER	<i>Louisiana</i>
DIANA ELLEN TOMA	<i>St. Louis</i>	GRACE CAROLYN WISDOM	<i>Kansas City</i>
<i>Magna cum laude</i>		MARY KALEN WRIGHT	
THOMAS E. TRAVIS	<i>Centralia</i>	<i>Scottsbluff, Nebraska</i>	
LILBURN RALPH VAUGHN	<i>Lexington</i>	BILL DON WYMORE	<i>Liberty</i>
MARY MARGARET WALKER		ELMORE WILLIAM YORDT	<i>St. Ann</i>
<i>Shawnee-Mission, Kansas</i>			
<i>Magna cum laude</i>			

## BACHELOR OF ARTS DEGREES CONFERRED

*Commencement, July 27, 1962*

FRED BRUCE BONEY, JR.	<i>Bethel, Kansas</i>	DALE LEMONS	<i>Paoli, Pennsylvania</i>
MARILYN JOANN BONUCHI		CHARLES EUGENE LINN	<i>Macon</i>
<i>Excelsior Spring</i>		BARBARA ANN MCCURDY	<i>Kansas City</i>
DONALD GENE BROWNING		JAMES W. PACE	<i>Carthage</i>
<i>New Castle, Indiana</i>		VERNON DARRELL RICKARD	
WILLIAM ALEXANDER CARLIN		<i>Kansas City</i>	
<i>St. Louis</i>		RONNA KAY ROARK	<i>Liberty</i>
THOMAS RUSSELL CAVIEZEL	<i>St. Joseph</i>	DAVID ALLEN SCHICKEDANZ	
JOHN CAYLOR	<i>Raytown</i>	<i>Kansas City</i>	
EDGAR WAYNE DODD	<i>Kansas City</i>	LELAND DALE SCHAFFNER	<i>Lowry City</i>
DEAN R. DUNAWAY	<i>Independence</i>	KATHRYN SUE SIMS	<i>Centralia</i>
JAMES MASTON GLADDEN III	<i>Liberty</i>	MELVIN RONALD SKINNER	<i>Kansas City</i>
NORMAN JAMES HARRIS		FORREST E. STOUT	<i>Kansas City</i>
<i>Overton, Nevada</i>		CYNTHIA LEE TUCKER	<i>Kansas City</i>
JOHNNY C. HORSEMAN	<i>Liberty</i>	RICHARD ALLEN WHITE	<i>Independence</i>
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# INDEX

	Page		Page
Accreditation .....	30	Latin .....	66
Achievement Day .....	9	Mathematics .....	95
Activities, Student .....	57	Modern Languages .....	99
Administration, Officers of .....	14	Music .....	102
Administration, Trustees .....	10	Philosophy .....	108
Administrative Staff .....	22	Physical Education .....	110
Admission .....	28	Physics .....	116
Advanced Standing .....	29	Political Science .....	120
Aid, Financial .....	36, 40, 41	Psychology .....	123
Applying for Admission .....	29	Religion .....	126
Attendance, Chapel .....	56	Sociology .....	128
Attendance, Class .....	56	Spanish .....	101
Auditing Courses .....	47	Speech .....	89
Automobile Restriction .....	57	Zoology: See Biology	
Awards .....	41	Degrees Conferred, 1962 .....	133
Board and Room .....	31, ff.	Deposits Required .....	33
Calendar for College Year .....	5	Emeritus Faculty .....	21
Campus, College .....	24	Dormitories: See Residence Halls	
Changes in Courses .....	47	Employment, Student .....	59
Chapel, Attendance .....	56	Engineering: See Special Fields	
Christian Service Students .....	35	English Examination, Upper Class ..	54
Class Attendance .....	56	Enrollment Statistics .....	132
Class Size .....	48	Entrance .....	28
Classification of Courses .....	52	Examinations .....	49
Classification of Students .....	48	Extension Work .....	54
Committees of the Faculty .....	21	Faculty .....	15
Conduct, Student .....	56	Faculty, Committees of .....	21
Correspondence Work .....	54	Fees .....	31
Costs:—See Financial Information		Fees, Music .....	32
Course Changes .....	47	Fees, Special .....	33
Course Planning .....	46	Fees, Student Teaching .....	33
Courses of Instruction:—		Financial Aid .....	36, 40, 41
See Curriculum		Financial Information .....	31
Credit, Unit of .....	46	Foreword, President's .....	6
Credit and Grades .....	49	Fraternities .....	58
Credits, Transferred .....	28	Grading and Credits .....	49
Curriculum .....	65	Graduation, Application for .....	55
Ancient Languages .....	65	Graduation Requirements .....	52
Art .....	67	Grade Points .....	49, 50
Astronomy .....	98	Guidance .....	59
Bible: See Religion		Health Services .....	60
Biology .....	67	History of the College .....	7
Botany .....	68	Honor Societies .....	58
Business Administration .....	75	Honors, Graduation with .....	50
Chemistry .....	71	Honors, Scholastic .....	50
Dramatics: See Speech		Incomplete Work .....	50
Drawing: See Art, and Engineering		Infirmary .....	60
Drawing .....		Insurance, Health and Accident ..	31-60
Economics .....	74	Intramural Athletics .....	111
Education .....	79	Liberal Arts College:	
Engineering Drawing .....	98	An Interpretation .....	6
English .....	86	Library .....	24
French .....	99	Loan Funds .....	40
Geology .....	70	Location and History of the College	7
German .....	100	Major Subject: Required .....	53
Greek .....	65	Ministerial Students .....	35
History .....	92	Officers of Administration .....	14
Journalism: See English			

	<i>Page</i>		<i>Page</i>
Organizations		Special Fields, Preparation for	60
Honorary; Religious; Social	58	Arts and Sciences	60
Orientation, New Students	45	Business	61
Payments to the College	33	Dentistry	61
Personnel Services	59	Engineering	61
Physical Examination	111	Forestry	63
Placement Service	59	Journalism	63
Publications	58	Law	63
Quality of Work Required	49	Medicine	63
Refunds	34	Ministry	64
Registration	45	Staff, Administrative	22
Registration, Late	45	Standing of the College	30
Regulations, Residence Halls	57	Student Activities	57
Religious Organizations	58	Student Classification	48
Requirements, Academic	52	Student Conduct	56
Requirements, for Entrance	28	Student Government	57
Requirements, for Remaining		Student Guidance	59
in the College	49	Student Organizations	58
Requirements, Physical		Student Publications	58
Examination	29-111	Student Teaching, Fee for	33
Residence Halls, Directors	23	Summer School Credit	51
Residence Halls, Regulations	57	Transcripts	35
Resignation from the College	50	Transfer Students	29
Room and Board	31, ff.	Trustees of the College	10
Schedule of Work	46	Tuition and Fees	31
Scholarships	36	Tuition, for Christian Service	
Semester System	46	Students	35
Social Organizations	58	Veterans	30
Sororities	58	Withdrawal from the College	50
Special Fees	33	Work Opportunities	35, 59