John Gollege Discours College Discours The College

**CATALOG FOR 1950 • 1951** 

Announcements for 1951 • 1952

FROM

"The Campus of Achievement

### WILLIAM JEWELL COLLEGE BULLETIN

(Supplement to Catalog for 1951-52)

## ART

Supplement to page 53

William Jewell College announces the following courses in Art for the year 1951-52.

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

Credit, 3 hours each semester. T., W., Th. at 1:15-3:15. 109 Marston Hall.

Mr. Cofran.

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

Credit, 3 hours each semester. T., W., Th. at 3:15-5:15. 109 Marston Hall.

Mr. Cofran.

Mr. Rodney Cofran has traveled in Europe and has studied in the Academie Julian in Paris. He is completing his work for the Master of Fine Arts degree at the Kansas City Art Institute.

## **AWARDS**

Supplement to pages 37-38

The Hubert Eaton Writing Awards. Annually Dr. Hubert Eaton of Los Angeles offers awards totaling one thousand dollars for the best student creative writing on an assigned subject. This contest is open to all students enrolled during each fall semester. Ten students will share in the cash awards, with the winner receiving perhaps \$400 or \$500. Each student who writes a creditable and acceptable essay in the opinion of the department of English is given one hour of elective credit by the English department; the 25 best are given two hours and the essay winning first place three hours. No student can receive more than three hours credit from this contest.

The Cecil R. Martin Athletic Award. One hundred dollars is given each year by Mr. Cecil R. Martin of St. Joseph, Missouri, to be awarded at Commencement to the outstanding athlete of the year.



# William Jewell College Bulletin

SERIES XLIV

JANUARY 1951

NUMBER 7

## WILLIAM JEWELL COLLEGE

LIBERTY, MISSOURI . . . . FOUNDED IN 1849



## THE CATALOG

Announcements for 1951-52

Entered April 2, 1909, at Liberty, Missouri, as second class matter, under Act of Congress of August 24, 1912. Acceptance for mailing at special rate of postage provided for in section 1103, act of October 17, authorized on July 2, 1918. Published monthly.

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## CALENDAR 1951-52

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## COLLEGE CALENDAR

All new students are required to arrive in Liberty by Sunday afternoon, September 9, 1951, for the program of orientation and registration, which begins with tests promptly at 8 o'clock Monday morning. Dormitories will open Saturday, September 8, at 2 o'clock. Meals will begin with dinner Saturday evening.

Saturday Cvci.	ung.	
1951	Cont TO	First semester begins.
Mon.	Sept. 10	Tests and orientation for all new
MonFri.	Sept. 10-14	students Designation for all new
en mi		students. Registration for all students.
TuesThurs.	Sept. 11-13 7:30-	Physical examination — men.
	9:00 A.M.	TNL 1 1
Fri.	Sept. 14 7:30-	Physical examination — women.
	9:00 A.M.	
Fri.	Sept. 14 12:00 Noon	Late registration fee effective.
Fri.	Sept. 14 5:00 P.M.	Late payment fee for settlement of
	•	bills effective.
Mon.	Sept. 17 7:50 A.M.	Class work begins.
Tues.	Sept. 18 9:40 л.м.	First chapel service.
Sat.	Nov. 3	Annual Homecoming
Thurs.	Nov. 8	Achievement Day.
Wed.	Nov. 21 5:00 P.M.	Thanksgiving holidays begin.
Mon.	Nov. 26 7:50 A.M.	Class work resumed.
Wed.		Christmas holidays begin.
	Dec. 19 5:00 P.M.	Omisimas nondays begin.
1952 Wed.	Ton a mimo tar	Class work resumed.
	Jan. 2 7:50 A.M.	
MonFri.	Jan. 21-25	First semester examinations.
Mon.	Jan. 28	Second semester begins.
ThursMon.	Jan. 24-28	Registration for second semester.
Mon.	Jan. 28 12:00 Noon	
Mon.	Jan. 28 5:00 г.м.	Late payment fee for settlement of
2	_	bills effective.
Wed.	Jan. 30 7:50 A.M.	Class work begins.
Wed.	Feb. 27	Founders' Day.
Fri.	Mar. 7	Last day for Seniors to file application
		for degree.
Wed.	April 9 5:00 р.м.	Easter recess begins.
Tues.	April 15 7:50 A.M.	Class work resumed.
Thurs.	May 8	Senior Class Day.
MonFri.	May 12-16	Senior Examinations.
MonThurs.	May 26-29	Second semester examinations.
Sat.	May 31	Alumni Day and Alumni Dinner.
Sun.	June I II:00 A.M.	Baccalaureate Sermon.
Sun.	June 1 8:00 P.M.	Missionary Program.
Mon.		Commencement and conferring of
1,1011.	June 2 10:00 A.M.	
Wed.	Type 4 been	degrees.
W Cu.	June 4 7:30 A.M.	Summer Session begins.

#### ORIENTATION FOR NEW STUDENTS

During the week of September 10 to 15, a program consisting of tests, lectures, registration and social activities introduces the new student to college life. The first standardized test will be given at 8 a.m. Monday, September 10th, in Marston Hall. New students from outside Liberty should arrive not later than Sunday afternoon, September 9. Dormitories will open Saturday afternoon.

Reservation of rooms in the dormitories should be made at time of application for admission. Freshmen not living at home are required to live in the dormitories.

#### THE PRESENT EMERGENCY

Because it is difficult in many cases for a young man to foresee what his position will be with regard to military service, and because he will wish to take advantage of every opportunity for his educational advancement in the meantime, the college has made the following special provisions:

Any student called to active military service shall receive full credit for the work of the semester in which he is enrolled, provided he has completed a minimum of twelve weeks and has passed final examination over the work covered. He shall pay full tuition for the semester.

Any student called to active military service before completing twelve weeks shall receive full tuition refund for the semester.

Refunds on payments to the college for room and board will be made from the time of leaving college for induction.

These provisions apply both to men who are drafted and to men who volunteer. They must present notice of induction and/or orders to report for active duty to Dean F. G. Edson or to Mr. E. W. Holzapfel, Director of Personnel, in order to make arrangements for credit or refund.

## WILLIAM JEWELL COLLEGE AND VETERANS

For nine years the college has had veterans in the student body. A special plan provides reasonable credit for military service when applicable to the A.B. degree.

### WILLIAM JEWELL: A LIBERAL ARTS COLLEGE

By Walter Pope Binns, President

William Jewell College is committed to liberal arts education under Christian auspices, privately supported, with a limited student body. In a scientific age when the emphasis is upon technical education, there is still need for broad liberal education as preprofessional training. Unless culture and comprehension keep pace with the development of technical skill, we shall not be able to solve the problems or control the inventions of the new scientific age.

Here is the case for liberal arts education, the need for cultured, educated men and women. William Jewell College has chosen its task, to educate for every profession the interpreters of life who will help to furnish the intellectual and moral leadership of the future. Upon the accomplishment of this task rests the security of democracy.

There is a distinctive service to be performed by the small college. The policy of a limited enrollment makes possible a closer contact between faculty and students. We believe that the essential technique of education is to bring the eager, aspiring student into contact with the communicating personality of the highly trained teacher.

To be liberally educated one should have certain knowledge about himself and the laws of his physical, mental, moral, and spiritual wellbeing. To this end he should have instruction in such subjects as psychology, hygiene and sanitation, physiology, ethics, logic, and kindred subjects. For adjustment to his social environment he needs the study of his mother tongue and other languages, the literature and cultures of his own and other peoples, and the social sciences such as history, economics, political science, and sociology. That he may be at home in the physical universe he should have instruction in such subjects as biology, chemistry, physics, mathematics, astronomy. Because of his vital and necessary relationships with God, the ultimate invisible reality behind all of these visible things, he should study philosophy, religion, and the Bible. It is this kind of education which is offered by the Christian liberal arts college.

#### CHRISTIAN EDUCATION

William Jewell is a Christian college affiliated with the Baptist denomination. The ideal of Christian education was uppermost in the minds of its founders, and that ideal has inspired throughout its history of a century. To implement this ideal we have a Christian administration and a Christian faculty. We are concerned that the personal lives of the teachers in every relationship shall exert a positive Christian influence.

In further implementation of the ideal of Christian education, we provide a program of Christian activity which involves student participation upon a voluntary basis. This integrated program offers opportunity for student growth in Christian life and character. The only compulsory features are attendance at Chapel and one year of Bible study as a requirement for graduation.

#### CHAPEL

One of the cherished traditions of the college is the general assembly of all students and faculty members in the John Gano Memorial Chapel at a designated time for worship services. These exercises are held from 9:40 to 10:15 A.M. on Tuesdays, Wednesdays, and Thursdays. This convocation has distinct values in the development of school spirit, in cultivating fellowship, and in ministering to the religious needs of both students and faculty. Except on some special occasions the exercises are distinctly worshipful in nature. Along with the singing of hymns, the reading of the Scriptures and prayer, a brief address is given, usually by the president or some member of the faculty. Frequently this address is given by a distinguished visitor. At regular intervals the students present the program. While attendance is required of all students, just as in class work, the spirit of the service is such that students participate in it cheerfully and heartily.

## 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 Association of American Universities, and the American Association of University Women.

#### HISTORICAL SKETCH

It was soon after its organization in 1835 that the Missouri Baptist General Association took the initial step for the establishment of a college for young men. No definite action was taken until 1843, when Dr. William Jewell of Columbia, Missouri, made to the General Association the conditional offer of land valued at ten thousand dollars as a nucleus for the building and endowment of a college. The offer was not accepted until 1848. The legislature granted a charter which was signed by the Governor February 27, 1849.

In accordance with the terms of this charter the subscribers to the building and endowment funds met in Boonville for the purpose of selecting a location and deciding upon a name for the institution. After an animated contest, the town of Liberty—county seat of Clay County—was selected and the institution was named 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 school became a private institution for a period of one year.

In 1853 the trustees resumed full 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 for a period. 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 used the first floor as a stable for their horses. A monument erected by the class of 1931 marks the location of a battle trench on the slope of the campus north of the Library.

Other presidents who have served since Dr. Thompson are Rev. Thomas Rambaut 1867; Prof. James C. 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 as interim President for 1942-43; 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 began operations January 1, 1943. Aviation cadets remained in the school for three months instruction. The school operated until October, 1944, and trained a total of 2983 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. This school, like those in other colleges, was discontinued after the close of the war.

## LIBERTY AN IDEAL COLLEGE TOWN

Liberty is an historic Missouri town. It was incorporated in 1922, the year after Missouri was admitted into the Union. Its 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 small town with a population of about 5000, located only fourteen miles from the heart of Kansas City, it has all the advantages of a small town and in addition has the advantages of a large city.

Liberty is served by three railroads. Highways 71, 69, 10 and 33 serve the town. Frequent and adequate bus service connects with Kansas City.

#### EXCELSIOR SPRINGS

One of the greatest watering resorts of the world is located fifteen miles from the campus. People from all over the United States and some foreign countries come to Excelsior Springs to use its mineral waters which are serviced by an elaborate million dollar system.

## KANSAS CITY NEARBY

The skyscrapers of Kansas City can be seen from the campus of William Jewell. Here, just across the Missouri River from Liberty, is one of the great metropolitan areas of the Middle West. More than a half million people live in Kansas City, Missouri, Kansas City, Kansas, and North Kansas City. It is one of the important railroad centers of America. Its great airport is the 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.

#### BOARD OF TRUSTEES

WILLIAM R. ALLEN, residence, Wilmar Farms, Route No. 10, North Kansas City, Mo.; business address, 101 Armour Road, North Kansas City, Mo.

President, Allen Chevrolet, Inc., North Kansas City, Mo.; Director, National Bank in North Kansas City, Mo.; Trustee, Baptist Memorial Hospital; Baptist.

E. E. AMICK, residence, 403 West 59th Street, Kansas City, Mo.:

business address, 925 Grand Ave., Kansas City, Mo.

Representative, Equitable Life Assurance Society of the United States; member, Quarter Million Club 1944-45; director, Midland Finance Corporation, Kansas City, Mo.; treasurer, William Jewell College; formerly vice-president First National Bank, Kansas City, Mo.; Baptist.

WM. P. Browning, Jr., residence, 6405 Willow Lane, Kansas City, Mo.; business address, Live Stock Exchange Building, Kansas City, Mo.

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

E. KEMPER CARTER, residence, 6625 Brookside, Kansas City, Mo.;

business address, 2440 Pennway, Kansas City, Mo.

Chairman of the board, Carter-Waters Corporation; director, City National Bank and Trust Company, Kansas City, Mo.; Baptist.

CHARLES F. CURRY, residence, 427 Ward Parkway, Kansas City, Mo.; business address, 921 Baltimore Ave., Kansas City, Mo.

President, Charles F. Curry Real Estate Company, and the Home Federal Savings and Loan Association, Kansas City, Mo.; trustee, Baptist Memorial Hospital, Kansas City, Mo.; builder, land developer; Baptist.

GRANT DAVIS, business address, Chamber of Commerce Bldg., Springfield, Mo.

Partner and manager of Burger-Davis Insurance Agency, Springfield, Mo.; partner of Davis-Tindel Agency, Cabool, Mo.; president, Springfield Fire and Casualty Agents Association; past president, Missouri Baptist Brotherhood; Baptist.

HUBERT EATON, LL.D., business address, Forest Lawn Memorial Park,

Glendale, Calif.

Metallurgist, Board Chairman, Art Patron; known as "The Builder" and Founder of Forest Lawn Memorial-Park, Glendale, California, noted for its collection of stained glass; large-size old-world statuary; Moretti recreation in stained glass of Leonardo da Vinci's "Last Supper"; Jan Styka's immense painting of The Crucifixion; chairman of the board, Forest Lawn Company, American Security & Fidelity Corporation, and Forest Lawn Life Insurance Company; Baptist.

WM. M. FITCH, residence, 6933 Kingsbury, St. Louis, Mo.; business address, International Office Building, St. Louis, Mo.

Attorney; former assistant attorney general of Missouri; former vice-president, Mississippi Valley Trust Company of St. Louis; member, Board of Managers, Missouri Baptist Hospital; Baptist.

- W. D. Johnson, residence, 3612 W. 64th St., Kansas City, Mo.
  Banker, capitalist, philanthropist; president, Western Cattle Loan Company, Mallet Land & Cattle Company, Augustine Plains Ranches, Inc.; director and member executive committee, Kansas City Life Insurance Company; president 1925-1949, president emeritus 1949-, Board of Trustees, William Jewell College; Baptist.
- Lawrence E. Jones, LL.D., residence, Apt. 107 Kenilworth, Alden Park, Philadelphia, Pa.; business address, Alden Park, Philadelphia, Pa. Engineer, builder, collector; president, Alden Park Corporation, Chelton Ave. Bldg. Corp., Kenilworth Bldg. Corp., Cambridge Building Corp.; vice-president, Mayfair Corp., Philadelphia, Pa., Sinton Hotel Corp., Cincinnati, Ohio; managing director, Town House, Delmar-Morris, Philadelphia, Pa., and Hotel Sinton, Cincinnati, Ohio; Baptist.
- CECIL R. MARTIN, residence, 1720 Ashland Ave., St. Joseph, Mo.; business address, Quaker Oats Co., St. Joseph, Mo.

Cereal manufacturer; general manager, Quaker Oats Co., St. Joseph, Mo., and Sherman, Tex.; director, Empire Trust Co. and Union Terminal Railroad, St. Joseph, Mo.; director, Flour Millers National Federation; producer of registered milking shorthorn cattle; Baptist.

W. W. Martin, business address, 5540 Delmar Blvd., St. Louis 12, Mo. President, Masonic Home of Missouri; member, Board of Managers Missouri Baptist Hospital; former vice-president, Federal Land Bank of St. Louis; Baptist.

Dotson M. Nelson, Jr., Th.D., residence, 215 West 53rd Street, Kansas City, Mo.; business address, 3921 Baltimore, Kansas City, Mo. Minister; Pastor, Calvary Baptist Church, Kansas City, Missouri; member, Foreign Mission Board of Southern Baptist Convention; member, Board of Managers, Missouri Baptist Hospital; Baptist.

JOHN B. PEW, LL.D., residence, 7334 Summit, Kansas City, Mo.; business address, Scarritt Building, Kansas City, Mo.

Attorney; former teacher in Kansas City School of Law; former County Counselor, Jackson County, Mo.; one of the three founders of the Wornall Road Baptist Church; vice-president, Board of Trustees, William Jewell College; Baptist.

E. S. PILLSBURY, residence, McKnight Road, St. Louis, Mo.; business address, 1906 Pine St., St. Louis, Mo.

Industrialist and inventor; chairman of the board, Century Electric Co., St. Louis, Mo.; member, Board of Managers, Missouri Baptist Hospital; Baptist.

LAWRENCE M. PROCTOR, residence, 315 N. Delaware, Independence, Mo. Minister; former moderator Blue River and Lafayette Associations; former member Executive Board Missouri Baptist General Association; served for 18 years as Missouri member of Sunday School Board Southern Baptist Convention; former pastor First Baptist Church, Independence, Mo.; retired; Baptist.

Albert L. Reeves, LL.D., residence, 3631 Charlotte St., Kansas City, Mo.; business address, Federal Bldg., Kansas City, Mo.

Attorney; former member Missouri House of Representatives; former counsel Missouri Insurance Department; former Commissioner Supreme Court of Missouri; Judge, United States District Court; Baptist.

HERBERT H. SCHWAMB, residence, 45 West 45th Street, New York, New York; business address, 330 West 34th Street, New York 1, New York.

Vice-President in Charge of Personnel, J. C. Penney Company; President, Board of Managers, William Sloane House, YMCA, New York City; member, Board of Directors, YMCA of New York City; member, Advisory Council, New York University School of Retailing, New York City; Baptist.

WM. T. SEMPLE, Ph.D., business address, 1202 Times-Star Bldg., Cincinnati, Ohio.

Educator, financier, philanthropist; trustee, Charles Phelps Taft Memorial Fund; general director, University of Cincinnati Excavations in the Troad; trustee, American Academy at Rome, American Schools of Oriental Research; former president, American Association University Professors; vice-president, Cincinnati Times-Star; president, Cincinnati Realty Co., Cincinnati Terminal Warehouse Inc.; Baptist.

J. Neil Smith, residence, 6449 Overbrook, Kansas City, Mo.; business address, Insurance Exchange Building, Kansas City, Mo.

Treasurer, Employer's Reinsurance Corporation; Director, Helping Hand Institute, Kansas City, Missouri; Baptist.

ELLIOTT C. Spratt, residence, 716 S. 13th Street; business address, Hillyard Chemical Co., St. Joseph, Mo.

Secretary, Hillyard Chemical Co.; sales manager, The Hillyard Co.; president, Manufacturer's Division, National Association of School Business Officials; director, Exhibitors Association of American Association of School Administrators; secretary-treasurer, Manufacturer's Division The National Terrazzo & Mosaic Association; Baptist.

HOWARD H. STAMPER, residence, Urbandale, Moberly, Missouri; business address, Moberly, Missouri.

President, F. M. Stamper Company; Baptist.

ARTHUR M. TUTT, D.D.S., residence, 449 Miller Ave., Liberty, Mo. Retired dentist; clerk emeritus, Second Baptist Church, Liberty, Mo.; Baptist.

PAUL WEBER, D.D., residence, 5665 Clemens, St. Louis, Mo.; business address, 919 Taylor Ave., St. Louis, Mo.

Minister; former moderator, Missouri Baptist General Association; vice-president, Anti-Saloon League State of Missouri; former pastor, First Baptist Church, Jefferson City, Mo.; secretary, Board of Managers, Missouri Baptist Hospital; superintendent, St. Louis Baptist Mission Board; Baptist.

WM. F. YATES, business address, Richmond, Mo.

Banker; president, Exchange Bank of Richmond, Mo.; Baptist.

#### TRUSTEES — EMERITUS

S. J. Brown, Carlton Hotel, 1007 E. Linwood Blvd., Kansas City, Mo. John B. Wornall, 824 W. 61st St., Kansas City, Mo.

#### ADMINISTRATION

Walter Pope Binns, A.B., Th.M., D.D., LL.D., President, Greene Hall, 300-302.

H. I. HESTER, A.B., Th.D., D.D., Vice-President, Green Hall, 303.

MINETRY L. JONES, A.B., Vice-President in charge of Business Administration, Greene Hall, 306-307.

F. G. Edson, A.M., Ph.D., Dean of the College, Greene Hall, 205-206.

ALLEN J. Moon, A.M., LL.D., Dean of the College, Emeritus, Jewell Hall, 111.

Miss Catherine W. Bates, A.B., M.R.E., Dean of Women, Greene Hall, 203-204.

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

G. H. RANSON, A.M., Th.D., Secretary of the Faculty, Jewell Hall, 112.

E. E. AMICK, Treasurer, 925 Grand Ave., Kansas City, Mo.

H. B. EARLY, Assistant Treasurer, Greene Hall, 209.

MISS OPAL CARLIN, A.B., B.L.S., Librarian, Library, South Office.

MRS. MARY CASEBOLT, Assistant Librarian, Library.

JOHN E. DAVIS, A.B., Business Manager, Greene Hall, 210.

E. W. Holzapfel, M.S., Director of Personnel, Guidance and Placement, Greene Hall, 102-103.

JOHN NOWELL, A.B., Manager, William Jewell Press, Gano Chapel.

WILLIAM R. RIGGS, A.B., Director of Admissions, Greene Hall, 201.

DAN G. McCormick, Admissions Counsellor, Greene Hall, 201.

P. Caspar Harvey, A.M., Alumni Secretary and Director of Public Relations, Greene Hall, 101.

H. L. Perrine, Plant Superintendent, Greene Hall, 100.

ROBERT L. KEENEY, Director of Food Service, New Ely Hall.

#### **FACULTY**

WALTER POPE BINNS, 1943; President of the College.

A.B., Mercer University, 1918; Th.M., Southern Baptist Theological Seminary, 1923; D.D., Mercer University, 1929; LL.D., ibid., 1947.

#### ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics Allen Jefferson Moon, 1925; Head of Department and Professor of Latin.

A.B., Howard College, 1897; A.M., ibid., 1902; LL.D., ibid., 1912; Fellow in Greek, University of Chicago, 1910-1911. Further graduate study, University of Virginia and University of Chicago.

FREDERICK MILTON DERWACTER, 1928; Professor of Greek.

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

#### BIOLOGY

Leland Jacob Gier, 1941; Head of Department and Professor of Biology and Geology; Curator of the Museum.

B.S., Kansas State Teachers College, Pittsburg, 1928; M.S., ibid., 1931; Graduate Fellow in Botany, University of Nebraska, 1931-1933. Further graduate study, Kansas State Teachers College, Pittsburg, 1933-34; Ph.D., Duke University, 1940.

OLIVE ELIZABETH THOMAS, 1936; Assistant Professor of Biology.

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

#### **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., ibid., 1933. Further graduate study, University of Chicago, University of Minnesota.

HENRI RENILE GODFRIAUX, 1937; Professor of Chemistry.

A.B., William Jewell College, 1915; A.M., University of Wisconsin, 1933. Further graduate study, University of Wisconsin, University of Minnesota.

#### **ENGLISH**

James E. Carver, 1950; Head of Department and Professor of English. B.A., University of Richmond, 1926; M.A., University of North Carolina, 1930; Ph.D., New York University, 1938. Further study, Cambridge, Oxford, the National Library of Wales.

Paul Caspar Harvey, 1920; Professor of English Composition.
A.B., William Jewell College, 1910; A.M., ibid., 1911. Further graduate study, University of Chicago.

VIRGINIA DAVENPORT RICE, 1930; Assistant Professor of English.

A.B., William Jewell College, 1928; A.M., University of Kansas, 1932. Further graduate study, University of Kansas and University of Wisconsin.

GEORGIA B. BOWMAN, 1947; Director of Forensics and Instructor in

Journalism.

A.B., William Jewell College, 1934; B.J., University of Missouri, 1937; A.M., State University of Iowa, 1941. Further graduate study, Northwestern University.

Elisabeth Hanssen, 1939; Instructor in English.

A.B., Park College, 1933.

E. O. HAWKINS, 1949; Instructor in English.

A.B., University of Arkansas, 1948; M.A., University of Arkansas, 1949.

Mrs. Paul Zillmann, 1950; Instructor in English.

A.B., William Jewell College, 1936. Graduate study, Northwestern University.

AUSTIN C. EDWARDS, 1950; Instructor in English.

A.B., William Jewell College, 1937. Graduate study, University of Kansas City.

#### HISTORY

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

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

#### MATHEMATICS AND ASTRONOMY

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

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

D. V. LAFRENZ, 1945; Assistant Professor of Mathematics.

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

#### MODERN LANGUAGES

PAUL TRUMAN McCARTY, 1941; Head of Department and Professor of German, French, and Russian.

A.B., University of Arizona, 1930; A.M., University of Wisconsin, 1933. Further graduate study, University of Munich, 1936, and 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., ibid., 1928; Fellow in Romance Languages, Bryn Mawr, 1935-36. Further graduate study, British-American School of Languages, Santander, Spain; Franco-American Institute, Vichy, France; University of California at Los Angeles.

WILBUR BRUNER, 1936; Professor of Modern Languages.

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

#### **MUSIC**

David Grosch, 1928; Head of Department and Professor of Music.

Mus.D., Boguslawski College of Music, 1943; formerly of the faculties of the Chicago Musical College and Bush Conservatory; Dean, Conservatory of Music, Baker University two years; Studied voice with Adolphe Schulze, Berlin, exponent of the famous Manuel Garcia; Piano with John Petrie Dunn, Edinburgh, Scotland; Composition with Samuel DeLange; Oratorio and Opera with Dr. Charles Allum and Hermann Devries.

Fanny Pinkham Grosch, 1946; Associate Professor of Voice. Studied voice with Madam A. Myer, Chicago; Otto Freytag, Stuttgart, Germany; Madam Meta Lippold, Berlin. Instructor in Voice, Baker University, two years.

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.

Lydia Farris Lovan, 1946; Instructor in Piano.

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.

#### **PHILOSOPHY**

GUY HARVEY RANSON, 1948; Head of Department and Professor of Philosophy.

A.B., Hardin-Simmons University, 1939; A.M., University of Kentucky, 1944; Th.M., Southern Baptist Theological Seminary, 1942; Th.D., ibid., 1944. Graduate study, Yale University, 1944-1947, (All work except dissertation completed for Ph.D.). Graduate study, University of Cambridge (England), 1947-1948.

ROBERT SWAIN TROTTER, 1949; Associate Professor of Philosophy.

A.B., Mississippi College, 1944; B.D., Yale University, 1947. Graduate study, Yale University, 1947-1949 (All work except dissertation completed for Ph.D.).

#### PHYSICAL EDUCATION

Norris A. Patterson, 1950; Director of Physical Education and Coach of Football.

B.S., Missouri Valley, 1939. Graduate study, University of Wyoming and University of Kansas City.

JAMES NELSON, 1950; Assistant Director of Athletics and Coach of Basketball.

B.S., Missouri Valley, 1948. Graduate study, University of Illinois and University of Kansas City.

MARGARET PARKER, 1949; Director of Student Activities, Director of Women's Athletic Program.

B.S., Kansas State College, 1947; M.S., Syracuse University, 1949.

#### PHYSICS

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., ibid., 1941; M.S., University of Arkansas, 1948.

JOHN EUSTACE DAVIS, 1907; Professor of Physics.

A.B., William Jewell College, 1907; Fellow in Physics, University of Chicago, 1911-1912. Further graduate study, University of Chicago, and University of Missouri.

Elman Morrow, 1947; Associate Professor of Physics.

A.B., William Jewell College, 1932; A.M., University of Kansas, 1934. Further graduate study, Columbia University, University of Wyoming, Iowa State College, and University of Kansas.

## PSYCHOLOGY AND EDUCATION

THURSTON FAYETTE ISLEY, 1930; Acting 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, and University of Missouri.

HARVEY M. THOMAS, 1949; Professor of Psychology.

A.B., William Jewell College, 1947, (Candidate for Ph.D. Washington University).

LUTIE CHILES, 1950; Associate Professor of Psychology and Education. A.B., William Jewell College, 1940; M.A., Northwestern University, 1947.

MRS. LOUIS NELSON, 1946; Instructor in Psychology.

A.B., William Jewell College, 1938. Graduate study, University of Minnesota. On leave 1950-51.

E. W. Holzapfel, 1948; Associate Professor of Education.

A.B., Westmar College, 1926; M.S., Iowa State College, 1937. Further graduate study, Iowa State College and University of Southern California.

ORVAL W. GROVES, 1949; Instructor in Psychology.

A.B., William Jewell College, 1949. Graduate study, University of Minnesota.

WYLLA RUTH DECKER, 1949; Instructor in Psychology.

A.B., William Jewell College, 1949. Graduate study, University of Minnesota.

#### RELIGION

Hubert Inman Hester, 1926; Head of Department and Professor of Religion.

A.B., Wake Forest College, 1918; Th.M., Southern Baptist Theological Seminary, 1921; Th.D., ibid., 1923; D.D., Wake Forest College, 1950.

Joseph C. Clapp, Jr., 1948; Associate Professor of Religion.

A.B., Union University, 1938; B.D., New Orleans Theological Seminary, 1944; Th.M., ibid., 1946; Th.D., ibid., 1948. Further graduate study, Vanderbilt University and Tulane University.

David H. Grosch, 1928; *Professor of Music*. Mus.D., Boguslawski College of Music, 1942.

#### SOCIAL SCIENCES

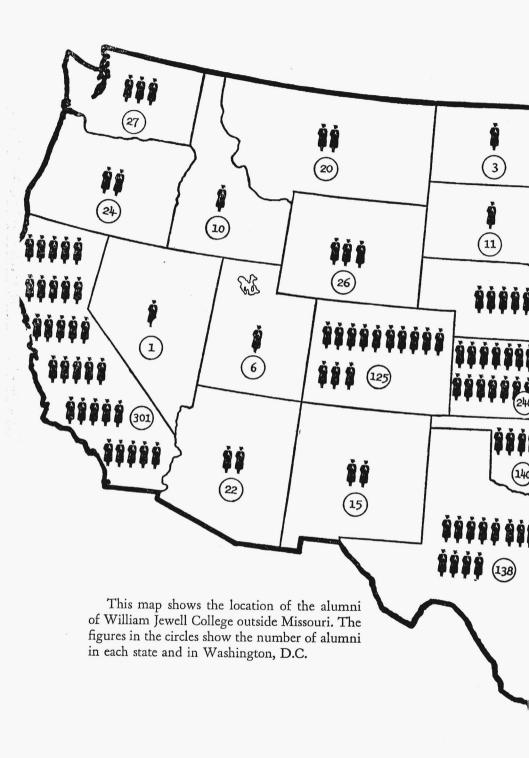
T. Bruce Robb, 1950; Head of Department of Social Sciences and Professor of Economics.

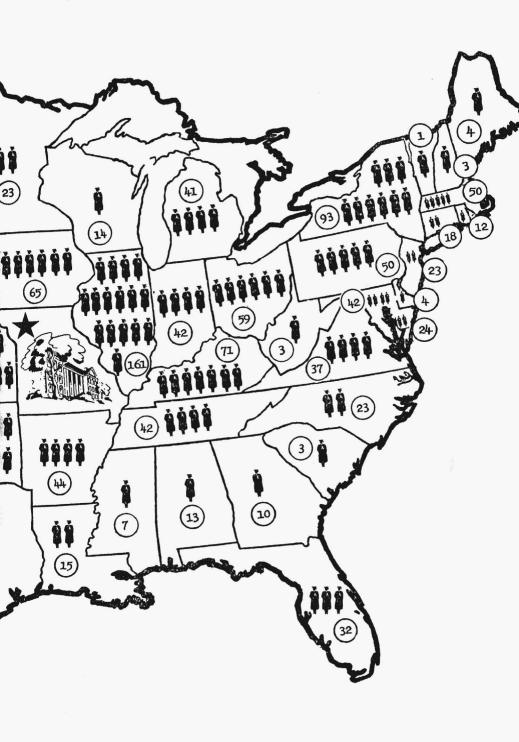
A.B., Park College, 1912; M.A., Yale University, 1914; Ph.D., ibid., 1919.

C. WILLARD SMITH, 1938; Professor of Sociology.

A.B., William Jewell College, 1920; A.M., University of South Dakota, 1926. Further graduate study, University of Chicago and University of Missouri.

Daniel D. Beatty, 1949; Assistant Professor of Economics.
A.B., Hope College, 1947; M.B.A., University of Michigan, 1949. Further graduate study, University of Michigan.





#### STANDING COMMITTEES OF THE FACULTY

\*Admissions - Edson, Derwacter, Isley, Bates.

Advanced Standing - Derwacter, Edson, McCarty, Carver.

Alumni Achievement Citations - Smith, Hanssen, Hester.

Athletics — Holzapfel, Davis, Hester, Binns, Minetry Jones, LaFrenz, Godfriaux.

Catalog - Derwacter, Harvey, Nowell, Moon, Bruner, Riggs.

Chapel — Binns, Hester, Grosch, Clapp.

Chapel Attendance — Godfriaux, O. Thomas, Groves, Isley, Ranson, Trotter, Decker, Chiles.

College Co-op - L. O. Jones, Isley, Bruner, Minetry Jones, Beatty.

Curriculum - Edson, Moon, Derwacter, Smith, Carver, Patterson.

Discipline - Binns, Davis, Hester, Edson, Hilton, Patterson.

Dormitories - Clapp, Davis, Bates, Parker, Nelson.

Faculty Advisers of Freshmen — Holzapfel, Bruner, Hanssen, H. Thomas.

Faculty Advisers of Student Council — Gier, Pugh, Clapp, McCarty, Parker.

Freshman Initiation — Godfriaux, Bates, Rice, Isley, Holzapfel, Parker. Fraternities and Sororities — Derwacter, Bates, Rice, Moon, H. Thomas.

Improvement of Instruction — Derwacter, Isley, McDaniel, Ranson, Robb.

Library - Carlin, Pugh, Clapp, Carver.

Music and Dramatics - Grosch, Rice, Hawkins, Lovan, Lakin.

North Central Association Liberal Arts Study — Edson, Derwacter, Holzapfel, Bruner, Rice, Hilton.

Publicity - Harvey, Hanssen, Nowell, Bowman.

Registration - Derwacter, Smith, Moon, Edson.

Religious Activities - Hester, Clapp, Bates, Trotter, Decker.

Student Activities — Holzapfel, Parker, Rice, Bates, Derwacter, Nelson, Riggs.

Student Publications and Faculty Representatives on Board of Control
— Bowman, Pugh, Harvey, Nowell, Holzapfel.

University Fellowships and Scholarships — Derwacter, Smith, Harvey, Beatty.

Faculty Forums - Hilton, Pugh, Rice, O. Thomas, Trotter.

Testing - Holzapfel, Isley, Gier, Morrow, Ranson.

<sup>\*</sup>Name of chairman appears first,

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#### CAMPUS TOUR

The college campus consists of one hundred six acres of wooded upland situated just within the northern and eastern corporate limits of the city of Liberty. To the student who is a newcomer interest centers in the buildings of the quadrangle.

#### 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 the famous "fighting chaplain" in the army of George Washington. The auditorium seats 1100 persons. Facing the foyer on the main floor and also on the second floor are the studios and practice rooms of the department of music. Below the auditorium and reached by an outside entrance on the east is the William Jewell Press. On the same level but with entrance on Mississippi street are the practice room of the William Jewell Band and the office of the Director.

#### GYMNASIUM

East across the driveway from the chapel is the Brown Gymnasium. This building, erected at a cost of \$150,000, contains a maximum-sized basketball court, a corrective gymnasium, adequate shower and locker facilities for the entire student body, a tile-finished swimming pool, handball courts, director's and coaches' offices, and a lecture room. The lobby is furnished as a lounging room for the students. The "J" Club room is adjacent to the coaches' offices.

#### THE LIBRARY

The Andrew Carnegie Library, south of the chapel on the west side of the walk, houses 66,445 volumes. In the large reading room may be found encyclopedias, dictionaries, and other reference books. The reading room receives regularly 355 periodicals selected for the purpose of supplementary reading in the various departments of the college. Approximately sixty of the important magazines are bound in volumes covering many years. These are accessible to students.

The library and reading room are open from 7:50 A.M. until 5:50 P.M. Monday through Friday and on Saturday from 8 A.M. until noon. They are open on Tuesday and Thursday evenings from 7:15 to 9:45.

The library receives United States government publications regularly, and these pamphlets, periodicals, and books are classified and cataloged, furnishing much authoritative material on contemporary subjects.

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 holographic works"; 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; and the "John F. Herget Limited Editions Collection." The archives of the Missouri Baptist Historical Society are also housed in the library.

Among the many paintings of interest in the library is the oil portrait, "Major Deane in Jail," painted in 1866 by the old Missouri master, George Caleb Bingham. The painting is of value not only because of the fame of the artist but also because it chronicles an incident important both in the history of the state and in relation to the tenets of Baptists. It depicts the Rev. A. H. Deane, early Baptist minister of Harrisonville, Missouri, imprisoned in the Independence, Missouri, jail just after the Civil War because of his refusal to take the oath of allegiance required of ministers at that time. Mr. Deane refused to take the oath on these grounds: First, he had never rebelled against the government, but, on the contrary, had served in the Union Army; second, he felt that his commission to preach came not from the government but from the Lord. Later, the law requiring the oath of allegiance, against which he had taken his stand, was declared unconstitutional by the Supreme Court of the United States, and the Legislature of the State of Missouri repealed the test oath law in the same year that Bingham visited Deane in jail that he might paint his portrait as an expression of the sentiment against the test oath.

## JEWELL HALL

Jewell Hall, described in The Missouri Guide as an outstanding example of Classical Revival architecture, contains the lecture rooms of language, literature, philosophy, religion, history, economics and sociology, psychology and education. This building was modernized in 1946, needed changes having been made in the interior. Two class

rooms are provided on both the north and south wings on each floor. In the center section connecting the two wings there is a corridor, one large class room (two on the first floor), and offices for professors. Drinking fountains and rest rooms are provided. All heating and lighting installations are modern.

#### MARSTON HALL

Marston Science Hall, built on the southern point of "The Old Hill," contains the classrooms and laboratories of biology, chemistry, physics, and mathematics. Most of the first and second floors are occupied by the department of chemistry. The third floor is used by the department of physics and mathematics, and the fourth floor contains the museum and the department of biology. The building is of fire-proof construction and especially designed for science work.

The College Museum, on the fourth floor of Marston Hall contains foreign relics collected by various missionaries, many articles of historical interest, and a large collection of specimens of natural history used in science classes. Among these are 245 species of birds and 4 cases of fossils, rocks, and mineral.

The College Herbarium contains about 10,000 specimens of plants collected from 44 states and 16 foreign countries.

#### OLD ELY HALL

East, across the walk from the library, is an historic, three-story brick structure. The building is now used as a dormitory for men. The first floor is newly equipped as a student activities center, to which the students have given the name "The Hub."

#### GREENE HALL

On the east slope of the hilltop and facing the west is the new administration building. The cornerstone was laid in 1948, and it was occupied in the summer of 1949. This building is a memorial to President John Priest Greene and is the gift of Mr. W. D. Johnson, for many years member of the Board of Trustees and its president for a quarter of a century. Greene Hall brings together and adequately houses all the administrative offices of the college. It also provides an assembly room for meetings of the faculty, of the trustees, of alumni and other such groups. The building has fire-proof vaults for college records.

#### HEATING PLANT

A new central heating plant has been constructed. This modern plant, costing approximately \$170,000, 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.

#### THE PRESIDENT'S HOME

The President's Home, only a "stone's throw" from the quadrangle and 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, class room building and most recently as quarters for the music department before its removal to Gano Chapel. Now renovated and remodeled the building has returned to its original use, and President Binns is able to live on the campus in the traditional president's home.

#### Melrose Hall

Melrose Hall, a dormitory for women, stands on a wooded hilltop northwest of the President's Home. It contains, besides dormitory facilities for eighty women and a modern recreation room, an infirmary supervised by a resident nurse. Miss Mary Mitchell and Mrs. Margaret Fristoe serve as hostesses.

#### NEW ELY HALL

On the southeast of the drive that leads from Melrose Hall back to the quadrangle, and just north of the gymnasium, is New Ely Hall, a dormitory for men. This building accommodates 140 men. Dr. and Mrs. Joseph Clapp serve as hosts.

On the first floor of New Ely are two dining rooms. The larger one accommodates all the students living on the campus for regular meals and is also adequate for such affairs as the annual alumni banquet. The smaller one furnishes facilities for small groups. The faculty also holds its weekly sessions here. Mr. Robert L. Keeney, dietitian, with his staff has charge of the preparation and serving of all the food.

#### 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 a football field. Stands for spectators accommodate about 3000. The field is lighted with flood lights for night games. Tennis courts

are provided near the gymnasium. The college has recently constructed a grass green for individual instruction in golf.

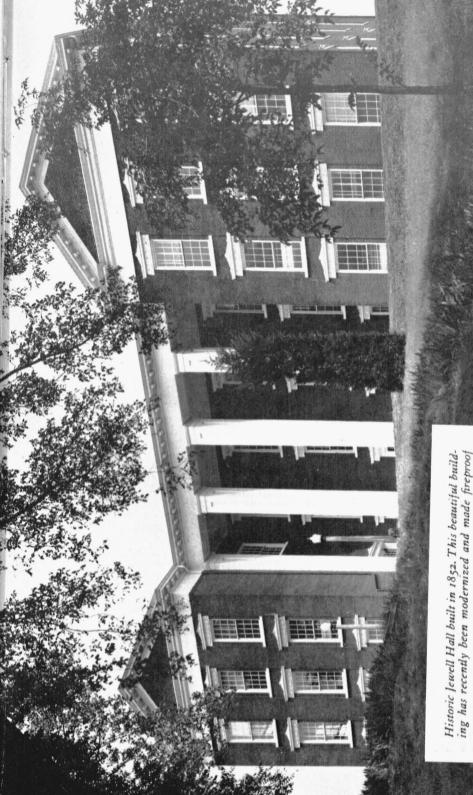
#### DORMITORIES IN TOWN

Three buildings in the city of Liberty near the campus are now being used by the College as residence halls.

Alpha Gamma Delta House, 441 Wilson, furnishes living accommodations to twenty young women. Mrs. A. G. Byrns serves as hostess.

The Beta Sigma Omicron House on the corner of Mississippi and Jewell streets furnishes accommodations for twenty-five young women. Mrs. Ralph Davidson serves as hostess.

The Alpha Delta Pi House, 424 East Missis sippi, furnishes accommodations for twenty-four young women. Mrs. Grace Stanley serves as hostess.





#### CAMPUS ORGANIZATIONS

William Jewell College has various organizations active on the campus whose members are chosen on the basis of interest and accomplishments in certain fields. In the list given below those that are chapters of national societies appear in italics.

Aeons (senior honor, for men); Alpha Psi Omega (dramatics); Beta Beta Beta (biology); Kappa Mu Epsilon (mathematics); Panaegis (senior honor, for women); Phi Alpha Theta (history); Phi Epsilon (senior honor, scholastic, for men and women); Phi Sigma Iota (Romance languages); Pi Gamma Mu (social sciences); Pi Kappa Delta (forensics); Sigma Pi Sigma (physics); Sigma Tau Delta (creative writing); Theta Chi Delta (chemistry); Chess Club; English Club (College English Association); International Relations Club; Philosophy Club; Psychology Club; William Jewell Players; "J" Club (athletics letter men).

Religious and service groups include Alpha Phi Omega (former Boy Scouts); Alpha Zeta Pi (men); Baptist Student Union; Ministerial Group; Missionary Fellowship; Young Women's Auxiliary; Epsilon Omega Pi (women).

Social organizations are four national college fraternities: Kappa Alpha Order, Lambda Chi Alpha, Phi Gamma Delta, Sigma Nu; three national college sororities: Alpha Delta Pi, Alpha Gamma Delta, Beta Sigma Omicron; and the Independent Society, which is coeducational.

Student publications consist of *The William Jewell Student* (weekly) and *The Tatler* (annual). They have a joint publications office in 106 Greene Hall.

The Student Senate is the student governing body representing every student on the campus. The Student Activities Committee plans all-school activities and projects such as parties and the annual organizational sing.

THE HUB is the popular student activities centre on the first floor of Old Ely Hall. Here conveniently located are found lounge, snack bar, game rooms, committee rooms and the office of the Director of Student Activities.

## COSTS OF ATTENDING WILLIAM JEWELL COLLEGE

#### TUITION AND FEES

	Per Semester	Per Year
Tuition	\$195.00	\$390.00
Tuition, ministerial students and sons and		
daughters of ministers	112.50	225.00
Tuition, special students taking not more	than two cou	rses, \$18.00
per semester hour. (This is in addition to any		
instruction.) The rate for ministerial and miss	sionary studen	ts and sons
and daughters of ministers is \$11.00 per seme	ester hour.	

Incidental fee of \$4.50 per semester for all students payable at the beginning of

organite balance at the polymers or		
each semester	4.50	9.00
Late registration, additional	3.00	
Late settlement of all charges, additional	3.00	
Graduation fee for seniors only		10.00
Individual music lessons — See schedule		

on page 95.

#### **Room**

#### NEW ELY HALL FOR MEN

Corner rooms	\$ 60.00	\$120.00
All others	45.00	90.00

All rooms in New Ely Hall are furnished for occupancy of two students. If student desires to occupy a room alone, terms may be arranged with the Treasurer.

#### MELROSE HALL FOR WOMEN

MELKOSE HALL FOR WOM	TEIN					
Corner room	\$ 67.50	\$135.00				
First floor, west	52.50	105.00				
Fourth floor	52.50	105.00				
All others	60.00	120.00				
Single room with bath	67.50	135.00				
Single room without bath	52.50	105.00				
OTHER RESIDENCE HALLS FOR WOMEN						
All rooms	60.00	120.00				
Board in Dining Hall	\$180.00	\$360.00				

The College reserves the right to adjust its charges for board and room during the year, should economic conditions warrant it.

There are several sources from which worthy students may secure some assistance in meeting their expenses in college. There are a number of scholarships available for such students. A revolving loan fund can be used by a limited number. Remunerative work is available on the campus or in the community by practically all who need such assistance. For information about all these see pages 36 to 39.

By permission of the registrar a student may take not more than two subjects and be listed as a *special student*. For students so listed a special rate of tuition will be charged.

No transcript of credits will be issued until all accounts with the college have been settled.

An extra fee of three dollars will be charged for late registration. In addition to the three dollars charged for late registration an additional charge of three dollars will be made for late settlement of the whole amount of charges for the semester's expenses.

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 fees for late registration or late settlement of charges mentioned above.

#### REFUNDS

Since the college, in good faith, employs its faculty and incurs all of its educational expenses for the year in advance, there can be no refund of any tuition or fees for any reason. And there will be no refund on room rent, but unused portions of advanced payments on board will be returned if a student is obliged to return home because of protracted illness certified to by an attending physician. No refunds will be made to the student on either room rent or board if it becomes necessary to dismiss him or her from a residence hall because of ill conduct.

## REDUCED TUITION

William Jewell College extends the courtesy of reduced tuition to properly accredited students for the ministry, to sons and daughters of ordained ministers, and to young women approved by their church as students who are committed to full time Christian work as a vocation. These students are 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 special Christian service. 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. Young women who have publicly committed themselves to full time Christian work as a vocation must present a statement to this effect issued by the pastor or some official of the church of which they are members. The special committee will authorize the reduction in tuition in each case where the requirements are satisfactorily met.

The sons and daughters of ministers will be given the reduction in tuition upon the presentation of satisfactory evidence that their fathers are ministers.

## **SCHOLARSHIPS**

The college is able to offer a number of scholarships to worthy students of high scholastic rating. The money for these has been provided by generous friends who want to assist young people in their efforts to secure a college education. These scholarships are classified as competitive and non-competitive.

#### Competitive Scholarships

The A. R. Levering Scholarship is awarded to the Sophomore making the most satisfactory record in scholarship, character, and conduct in his Freshman year at William Jewell College.

The L. B. Ely Scholarship is awarded to the Junior making the most satisfactory record in scholarship, character, and conduct as a Sophomore.

The John Sillers Scholarship is awarded to the Senior making the most satisfactory record in scholarship, character, and conduct in his Junior year.

These scholarships provide full tuition for one year and are awarded by the faculty. They do not include special fees.

The Marston Scholarship yields about \$200.00 annually and is for a William Jewell College graduate at Brown University. It is open to competition under the rules prescribed by the faculty. The scholarship was founded by E. L. Marston, son of the Rev. S. W. Marston, D.D.

A scholarship fund of \$5,000.00 has been provided by Dr. Hubert Eaton, of Glendale, California, in memory of his father, the late Professor James R. Eaton, who was head of the department of Natural Sciences in William Jewell College from 1869 to 1897. This scholarship

provides \$250.00 each year to be awarded annually by the faculty to a promising sophomore majoring in Chemistry, Physics, or Geology, and to be credited to his or her tuition, \$125.00 for the junior year, \$125.00 for the senior year.

#### Non-Competitive Scholarships

There are a number of non-competitive scholarships governed by the College. These are awarded to the most deserving student applicants. Students desiring to make an application for one of these should write to Dr. H. I. Hester, Vice-President of the College.

All students receiving non-competitive scholarships are expected to live in the College dormitories. Students receiving such scholarships are expected to maintain a high scholastic average in college classes.

The Reynolds Fund. Mr. J. B. Reynolds of Kansas City some years ago gave the College a large sum of money as an endowment fund. The income from this fund is to assist worthy students preparing for the ministry and missionary service.

The Ministerial Education Fund. The Baptist Churches of Missouri contribute through their co-operative program a sum of money to be used in assisting needy students for the ministry in meeting the expenses of a college education. William Jewell College receives its proportionate part of this fund and makes it available for needy students enrolled in the college.

#### AWARDS

The Frank B. Hearne Medal in Chemistry. By the will of Mrs. Roberta Lee C. Hearne of Independence, Missouri, the "Trustees of William Jewell College are directed to purchase annually a medal to cost approximately \$50.00, such medals to be known as the Frank B. Hearne Medal to be awarded annually as a scholarship medal, for excellency in the study of chemistry. At the discretion of the Trustees and with the approval of the recipient, the sum of \$50.00 in cash may be awarded. The bequest is an affectionate remembrance of her husband Frank B. Hearne whose college education was obtained at William Jewell." This award will in general be given to a member of the graduating class, but in exceptional circumstances may be given to a lower classman.

The Marion E. Bratcher Award of \$25.00 in cash, given by Marion E. Bratcher, D.D., shall be 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 William M. Fitch Essay Prizes of \$30, \$20, and \$10, donated by Mr. William M. Fitch of St. Louis, shall be awarded each year at Commencement to the three students of William Jewell College who shall submit the best papers on the general theme, "A Christian Philosophy of Life." The specific subject for each year shall be selected by a Faculty committee appointed by the President for that purpose.

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 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 Award of \$50.00 is given by the Psychology Club each year to the junior majoring in psychology who shows the greatest promise in the field, and is based upon leadership in scholarship, professional interest, and personality.

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

#### 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.

Revolving Loan Fund. The income from "The John E. and Emma J. Campbell Memorial Fund" is to be used as a loan fund for worthy Junior and Senior Literary students.

#### OPPORTUNITY FOR SELF-HELP

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

# REQUIREMENTS AND ARRANGEMENTS FOR ADMISSION

## REQUIREMENTS

- 1. Graduation or the equivalent of graduation from a fully accredited high school with not less than 15 units exclusive of physical education will admit a student to William Jewell College without condition, provided he ranks in the upper half of his class. Individual consideration is given to veterans who do not meet the above requirements. General Education Development tests may be administered at the discretion of the Admissions Committee.
- 2. Of the 15 units required for entrance, three units must be in English, at least eight units should be from other academic subjects such as foreign languages, mathematics, natural sciences, and social sciences, and 4 units may be from non-academic subjects accepted for graduation from high school. Students who intend to enter William Jewell College are strongly urged to take two units of one foreign language and two units of mathematics.
- 3. Cumulative Standard test records will be carefully considered with any applications for admission to William Jewell College. Such records, to be of most value, should cover the three most recent years of the candidate's school life, provide information concerning the candidate's intellectual capacity, and include an accurate record of results of comparable measures of achievement in school subjects. Data obtained from all tests should be interpreted in authenticated comparable terms, such as well established public or independent school percentiles.
- 4. The student entering William Jewell College should also have recommendations from the high school principal and from one other

responsible person. The College will endeavor to secure all possible information concerning personal characteristics as a criterion for judging candidates for admission. The College reserves the right to refuse admittance to a student whose high school record or moral life seems to make him unfit for college life.

- 5. The student coming from another college must provide an honorable dismissal from the college last attended, and also a transcript of credits. These credentials should not be presented by the student himself but should be sent directly by mail from the college issuing them.
- 6. Veterans at the time of enrolling should have their Certificates of Eligibility and Entitlement (Form 7-1950) with sections A and C made out.

#### Arrangements

- 1. Make application to William Jewell College upon application blanks secured from the Director of Admissions, William Jewell College, Liberty, Missouri. All applications will be formally passed upon by the faculty committee on admissions. Applications must be accompanied by a deposit of \$20.00 which will be returned if the application is rejected. Send with the application also two unmounted photographs about one inch in diameter with name on the back.
- 2. Ask Director of Admissions to reserve room for you in residence hall. The above application fee covers this reservation.
- 3. Have transcript of high school credits, or credits from other colleges, together with letters of recommendation sent directly to the Director of Admissions.
- 4. New students should be in Liberty by Sunday afternoon, September 9. Matriculation and orientation will occupy the week of September 10 to 15. Full program and instructions will be given the student at the beginning of this period.
- 5. Dormitories will open Saturday afternoon and the first meal in the dining hall will be served Saturday, September 8, 6:00 P.M.
  - 6. First classes will meet Monday, September 17, 7:50 A.M.
  - 7. First Chapel service will be Tuesday, September 18, 9:40 A.M.

#### ADVANCED STANDING

When a student transfers from another college, advanced credit will be allowed, in general, only for those courses which the student would have taken if the work had been done at William Jewell College. The average grade for advanced standing must not be less than C, and all transfer students are expected to maintain at least this average after entering William Jewell College. Only in exceptional cases will students be allowed more than 60 semester hours for junior college credit and never more than 62.

The Dean reserves the right to withhold advanced standing until the student shall have demonstrated his scholastic ability in William Jewell College.

## REQUIREMENTS FOR GRADUATION

#### DEGREE CONFERRED

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

#### CLASSIFICATION OF COURSES

The courses offered by William Jewell College are classified as follows:

Group I. Communications:

English, French, German, Greek, Latin, Spanish, and Russian.

Group II. Mathematics and Natural Sciences:

Mathematics, Biology, Chemistry and Physics.

Group III. Social Sciences:

Economics, History, Political Science, Psychology, Education, and Sociology.

Group IV. Humanities:

Literature, Philosophy, Religion, Music.

Group V. All other subjects.

There are certain requirements which all students must fulfill in order to obtain a degree from William Jewell College. In keeping with the purpose of a Liberal Arts College, these requirements are of two kinds, (1) the specific major courses with their respective cognate minors, and (2) the general education requirements which have a certain uniformity for all students.

1. Every student must choose a major as shown in the table of majors and minors (page 135). This usually is done by the beginning

of the sophomore year. A major varies from twenty-four to forty hours, depending upon the subject chosen, taken in regular sequence. In the junior or senior years the greater part of the student's work should be taken in courses numbered 300 or above. The rest of his schedule should consist of courses numbered above 200. Courses for credit toward a major must be passed with a grade of C or better. All seniors will be required to pass a comprehensive examination in their major field, not later than three weeks preceding commencement and not earlier than five weeks preceding commencement.

- 2. For each major, there is a cognate minor, determined by the major department and listed in the description of that department or in the table of majors and minors (page 135). A minor shall consist of not less than sixteen hours in the designated subject or subjects.
- 3. Every student is required to take six hours of Freshman English during his freshman year. During the Orientation program, every entering freshman will be required to take an English placement test. If the results of this test warrant it, the student will be required to take a course in Remedial English without credit. In order that no student of the college shall be graduated without a reasonable command of English grammar, spelling, pronunciation, composition and good usage, the English department will examine every student at the beginning of the junior year and the passing of such examination as the English department may set up shall be required before graduation. Details such as tests, time of examinations, and passing marks, are in the hands of the English department. Remedial courses shall be provided for those failing examinations. All transfer students must take this examination irrespective of advanced standing.
- 4. Every student is required to take four hours of Speech at some time before graduation.
- 5. Two hours of Hygiene and Sanitation are required for graduation.
- 6. Four hours of Physical Education are required, and should be taken, two in the freshman and two in the sophomore years.
- 7. Four hours of Bible History are required for graduation. These should be taken, if possible, in the freshman year.
- 8. Every student is required to take two years of one foreign language. An optional foreign language proficiency test may be taken, which will be the equivalent of a second year final examination and which will permit the student who can pass it to be excused from further courses in a foreign language or allow him to enroll in a course

of third year language. A proficiency test, equal in difficulty to that expected upon completion of one year 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.

- 9. Every student is required to complete a minimum of fifteen hours from Group II, Mathematics and Natural Sciences, from at least two subjects.
- 10. Every student must complete fifteen semester hours from Group III, Social Sciences, from at least two subjects.
- 11. Every student must complete six semester hours from Group IV, Humanities, in addition to the four hours of Bible.
- 12. Should the student's major be in any of the Groups represented by 9, 10, 11 above, it shall be considered as fulfilling the general requirement in that group.
- 13. All other work necessary to make 124 hours for graduation is elective. As many of the general requirements as possible should be met in the student's freshman and sophomore years.
- 14. The maximum amount of credit a student may receive in one department is forty hours.
- 15. Any senior having fulfilled all other requirements for graduation with his class except eight semester hours of credit or less, may, by permission of the faculty, do this work in absentia, and thereupon be graduated as of his class, provided he completes his deficiency before February 1 of the following year. This work may be done by correspondence in some reputable institution or in residence in some other 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, but will be graduated as of his own class. The last year's work for graduation must be done in William Jewell except as above provided.
- 16. Students offering three or more years of college work from other institutions must complete the entire senior year of work (not less than 30 hours) in William Jewell College in order to receive the A.B. degree from this institution.
- 17. A student having completed in William Jewell College the required work for graduation may, with the approval of the Faculty in advance, finish the work for the A.B. degree by one year of satisfactory work done in an A-grade technical school. This privilege will not be granted to a student of low scholastic ability or one having more than a normal year's work to complete for graduation.

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

## GENERAL REGULATIONS

#### CLASSIFICATION OF STUDENTS

To be classified freshman a student must present 15 units as described on page 39.

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

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

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

In each of these cases the student's work must be of such kind as to lead to graduation in the normal time. Classification is made only once a year, at the time the student first registers.

# 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. W means withdrew in good standing.
- 2. Grade points are assigned 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 at least 248 grade points are required, but the total number of grade points must be double the number of hours attempted (an average of C).
- 3. In order to be admitted to final examinations a student must have acquired a class grade of at least D. In order to pass a course the student must make at least D on his final examination. The term grade is made up by averaging the grade of class work and the grade of final examination, the latter to count not less than thirty percent and not more than fifty percent. No second examinations are permitted because of failures, except that a senior may be granted one re-examination as a senior privilege.
- 4. College students are limited to 18 hours of work per week. Less than 12 hours of work per week may not be carried without the permission of the Registrar.

#### CHANGE IN REGISTRATION

Upon application to the Registrar's office and with the approval of his adviser and the instructor in any course he wishes to enter, a student may modify his schedule of studies by addition, substitution, or dropping of courses within two weeks after the start of class work. No students may enroll for any course after two weeks have elapsed. No change of registration is completed until notification has been sent from the Registrar's office to the instructor concerned.

A student may withdraw from a course within six weeks following the beginning of class work, by applying to the Registrar and getting the approval of his adviser. Thereafter, the dropping of a course by a student shall entail for him a grade of "F" for the course. Students obliged by circumstances to withdraw from college should report to the Registrar at once.

#### HONOR ROLL

To have his or her name appear on the Semester Honor Roll, the student must (1) have no grade in any subject less than C; (2) have an average of .85 or above obtained by the following formula  $Q = \frac{gp}{2(h+n)}$ , in which gp = total grade points earned, h = number of hours attempted, and n = 16 + the numerical difference between h and 16.

# 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.

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

Whenever the quality of a student's work declines to such an extent that his graduation in due course seems improbable, he and his parents are so informed.

For a student to remain in college he must

- 1. At the end of his second semester have a minimum grade point average of 1.0.
- 2. At the end of his fourth semester have a minimum grade point average of 1.5.

3. At the end of his sixth semester have a minimum grade point average of 1.8.

## 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 else the incomplete becomes a grade of F, except by the vote of the faculty.

## Correspondence

The College will not accept for graduation work done by correspondence from any institution except one of high standing, having regularly organized correspondence departments, and then for no more than 10 semester hours. No credit may be allowed by correspondence toward a major except by consent of the head of the department and upon approval of the faculty.

#### 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 send any student home whose habits are considered inconsistent with the ideals of the institution.

## CLASS ATTENDANCE

1. Students are expected to attend classes regularly. The penalty for absences varies with the student's classification in college and his scholastic standing.

# CHAPEL ATTENDANCE

Chapel services are held Tuesdays, Wednesdays, and Thursdays every week during the school year, except during final examinations. Attendance upon these services is required.

# 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 dormitories.
- 2. All non-resident young women will be expected to live in one of the college residence halls for women or in other houses provided by the college unless permission to room elsewhere is secured from the President of the college or the Dean of Women.

3. Students living in any of the residence halls are expected to furnish their own bed linen, blankets, towels and curtains.

4. Major problems arising in the residence halls are referred to the Deans and the Discipline Committee. If it should become necessary to dismiss a student from a residence hall on account of misconduct, his future relations to the College will be determined by the faculty.

#### STUDENT PERSONNEL SERVICES

The Personnel department of William Jewell offers its services to all students in educational, vocational, and personal counseling. Every student who enters the college takes 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 advisers 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 Director of Guidance assigns each freshman to a faculty member who acts as an adviser until the student chooses a major in the sophomore year. At that time the head of the department becomes the adviser. The student thus secures the counsel of the head of the department until time of graduation. In addition, the President, the Vice President, the Dean, the Registrar and the Director of Guidance give their counsel at any time to those desiring any kind of assistance.

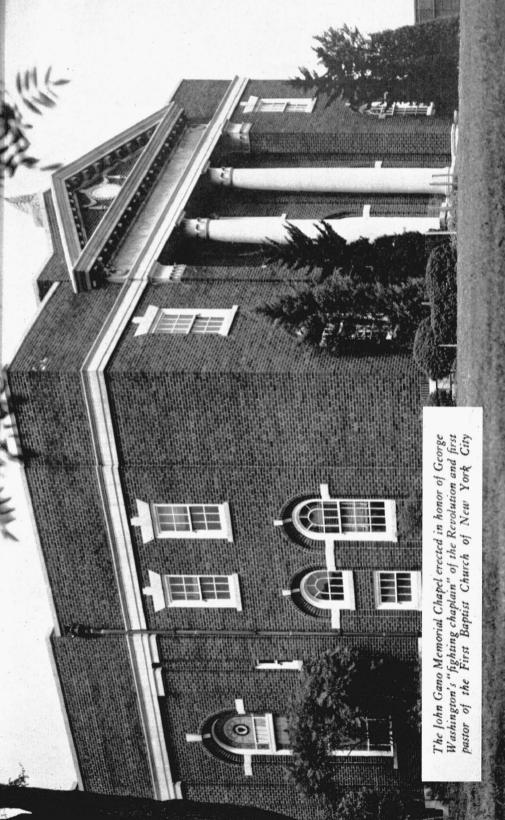
#### DORMITORY COUNSELORS

William Jewell College recognizes its responsibility in helping individuals to make satisfactory adjustment to all phases of college life.

In New Ely Dormitory, where the freshmen are housed, we have a counselor in each wing of the building to help the students to make this adjustment. The counselors are employed by the college on the basis of their academic standing and their demonstrated power of leadership. They will assist with problems concerning study schedules, study habits and participation in the other activities which help each student to develop his potential interests and abilities.

#### HEALTH SERVICE

In addition to at least one physical examination for each student every year, all students are provided opportunities for wholesome exercise and recreation in the gymnasium and on the athletic field. Working with Professor Patterson in the health program are the instructor in physical education for women, the athletic coach, the college nurse, the local physicians, and the matrons of the residence halls. The close proximity of the college to Kansas City makes it possible to have any student affected with serious illness quickly transferred to the very best hospitals in the city.





#### STUDENT ACTIVITIES

The program of student activities is a part of the personnel program and is administered by the Director of Student Activities and the student activities committee. The Student Activities Committee is a student-faculty committee with student representation from all major campus organizations. All-school projects and activities, such as "The Hub," all-school parties, and the annual organizational sing are sponsored by this committee. The interests of all students are carefully considered in planning these activities.

The center of student activity on the campus is "The Hub" located on the first floor of Old Ely Hall. "The Hub" has a lounge, snack bar, game room, book store, committee meeting room, commuting student facilities. Ping-pong, radio-phonograph sessions and television are some of the every day activities in the Hub. The facilities are in constant use throughout the day and evening.

#### PLACEMENT SERVICES

Placement services are available to all students who desire help in finding permanent employment. Personnel officers from many companies come to our campus for the purpose of interviewing students. Students who desire help in securing employment are urged to report to the personnel office at least four months before they desire to find full time employment.

# PART TIME EMPLOYMENT

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

# PREPARATION FOR SPECIAL FIELDS

As has been stated elsewhere in this catalog, William Jewell College is committed to a liberal arts education. The college recognizes, however, that many students wish to select their courses with a definite view to preparation for a special field or profession. Some suggestions are offered in the paragraphs which follow:

ARTS AND SCIENCES (Graduate Study).

William Jewell College is fully accredited by the North Central Association of Colleges and Secondary Schools and approved by the

Association of American Universities, so that graduates with the Bachelor of Arts degree may continue their work in Graduate Schools with full credit for their undergraduate work.

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

Students who expect to attend graduate schools must have a high scholastic average and may be required to take the Graduate Record Examination during the last semester of the senior year.

#### 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 cultural 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 further graduate study.

#### DENTISTRY

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

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

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

#### Engineering

The program of studies for pre-engineering is designed to fit in with leading engineering schools. However, the student should consult

the catalog of the engineering school he expects to enter so that the specific requirements may be met.

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

A suggested program of studies for the first two years is as follows:

FIRST SEMESTER	Freshman	SECOND SEMESTER		
H	ours	Hours		
English 115	3 Eng	glish 1163		
Chemistry 103	5 Ché	mistry 1045		
Engineering Drawing 105		gineering Drawing 1062		
Public Speaking		gineering Problems 1082		
Algebra	3 Ana	llytic Geometry 1185		
Trigonometry	2			
Sophomore				
Calculus 225	•	culus 2264		
General Physics 213		neral Physics 2145		
Descriptive Geometry 205		ineering Surveys 2123		
Elective	3 Eng	ineering Drawing 2062		
		nomics 2045		
Journalism				
The requirements for admission to any one of several leading				
professional schools of journalism are, in general, as follows:				
ı year freshman English		ear literature		
r course in composition		ear of foreign language plus a		
I year of science		eading course in the language		
I course in economics (3 sem. hrs		ourse in American Government		
1 1 1				

#### Law

Students expecting to enter an accredited law school should have earned at least 90 semester hours (A.B. degree recommended) of college credit with a grade of B or better. They should have some knowledge of economics, history, sociology, psychology, government, and accounting. Mathematics, Latin, and logic will be beneficial. They should also have command of both written and spoken English.

r course in sociology (3 sem. hrs.) (3 semester hrs.)

#### MEDICINE

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

three and some require the bachelor's degree as prerequisites for entrance to the medical school.

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

Some schools in addition require a reading knowledge of a foreign language such as French, German, Spanish or Russian.

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

#### MINISTRY

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

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

## Basic Fields

	rs Hours	Semesters Hours
English6 Literature, Composition, and Speech	12-16	A foreign language4 12-16 At least one of the following: Latin, Greek, Hebrew,
Philosophy3	6-8	French, German.
At least two of the follow- ing: Introduction to Phi-		Natural Sciences 2 4- 6 Physical or Biological
losophy, History of Philos- ophy, Ethics, Logic.		Social Sciences2 4- 6 At least two of the follow-
Bible or Religion2	4- 6	ing: Economics, Sociology,
History3	6-12	Government or Political
PsychologyI	2- 3	Science, Social Psychology, Education.
777		

#### TEACHING

One of the principal aims of the Department of Psychology and Education is the preparation of teachers for the elementary schools and high schools. Full information is available as to the requirements of the state Department of Education, and the Registrar's office cooperates in the filing of applications for certificates. Some of our students go on for graduate work in the university with a view to preparing to teach in colleges and universities.

# COURSES OF INSTRUCTION

Courses numbering 100 to 199 are intended primarily for freshmen, 200 to 299 for sophomores, 300 to 499 for juniors and seniors.

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

Credit for courses is given in semester hours.

#### **ASTRONOMY**

131, 132. Descriptive Astronomy (formerly 121, 122, 123). A study of astronomical terms, planets, stars, sun, nebulae, comets, satellites, telescopes, spectroscopy, paths of heavenly bodies. Text: Astronomy, Duncan.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 8:45. 214 Marston Hall.

Professor Jones.

#### **BIOLOGY**

Biology has become an important factor in the training of a large number of students. A knowledge of biology is essential to the proper understanding and solution of many social problems. The courses offered have been planned with this purpose in mind.

A major in biology consists of a minimum of 36 semester hours. The cognate minor shall be at least one year of chemistry, preferably including organic, and physics or mathematics to complete 20 hours. Students expecting to take graduate work are strongly urged to develop a reading knowledge of both French and German.

101. Hygiene and Sanitation (formerly 101, 102, 103). A consideration of the fundamental laws of health and the health relations of the individual to the community. Required for graduation and should be taken in the freshman year.

Credit, 2 hours.

Offered each semester. T., Th. at 11:15. Marston Hall.

PROFESSOR OLIVE THOMAS.

til. General Biology (formerly 111, 112, 113). An introduction to the fundamental scientific and biological principles and materials as related to everyday life and thought.

Credit, 5 hours.

First semester. Lecture, M., W., F. at 11:15. Laboratory, T., Th. at 10:20-12:05; or 1:15-3:00. Marston Hall.

PROFESSOR GIER.

114. General Botany (formerly 123 and 211). A brief survey of the plant kingdom and how plants function with special attention to the flowering plants and local flora.

Credit, 5 hours. Prerequisite, Biology 111 or Chemistry 101 or equivalent.

Second semester. M., W., F. at 11:15. Laboratory T., Th. at 10:20-12:05 or 1:15-3:00. Marston Hall (offered second semester, 1950-51).

Professor Gier.

212. Plant Morphology (formerly 332). A study of the structure and relationships of the lower plants.

Credit, 3 hours. Prerequisite, 114.

Second semester. M., W. at 1:15. Laboratory to be arranged. Marston Hall.

Professor Gier.

213. PLANT PHYSIOLOGY AND ECOLOGY. An elementary study of life processes of plants, units of vegetation and their origins, and applications to crop production and conservation work.

Credit, 3 hours. Prerequisite, Biology 114.

First semester. M., W. at 1:15. Laboratory to be arranged. Marston Hall.

PROFESSOR GIER.

221. General Bacteriology. Fundamental principles of bacteriology with emphasis on technique.

Credit, 5 hours. Prerequisite, 111 and preferably chemistry.

First semester. M., W., F. at 7:50. Laboratory, T., Th. 7:50 to 9:40. Marston Hall.

PROFESSOR OLIVE THOMAS.

222. Advanced Bacteriology. Continuation of 221 with special attention to pathogenic forms and immunity.

Credit, 3 hours. Prerequisite, 221.

Second semester. M., F. at 7:50. Laboratory, T., 7:50 to 9:40. Marston Hall.

Professor Olive Thomas.

224. Public Health Laboratory Methods (formerly 223). Routine and special tests are repeated sufficiently to enable the student to acquire considerable accuracy in methods and results.

Credit, 2 hours. Prerequisite, 221.

Second semester. W. at 7:50. Laboratory, Th., 7:50 to 9:40. Marston Hall.

PROFESSOR OLIVE THOMAS.

241. Human Physiology. A study of the anatomy and physiology of the human body.

Credit, 5 hours. Prerequisite, 111 and chemistry.

First semester. M., W., F. at 8:45. Laboratory, T., Th. 2:10 to 4:00. Marston Hall.

Professor Olive Thomas.

242. Comparative Anatomy (formerly 242, 243). A study of the comparative developments of the systems and organs of vertebrate animals.

Credit, 5 hours. Prerequisite, 111.

Second semester. M., W., F. at 8:45. Laboratory T., Th. 2:10 to 4:00. Marston Hall.

Professor Olive Thomas.

301, 302. FIELD BIOLOGY (formerly 201, 202, 203). A course designed to give the student a working knowledge in the collection, identification, preservation, and ecology of plants and animals.

Credit, 4 hours each semester. Prerequisite, consent of instructor. Offered on demand.

PROFESSOR GIER.

311. Invertebrate Zoology (formerly 122). A course affording an opportunity to become acquainted with types of invertebrates.

Credit, 3 hours. Prerequisite, 111.

First semester. By arrangement.

PROFESSOR OLIVE THOMAS.

312. Entomology (formerly 335a). An elementary course dealing with the structure, physiology, classification, and economic relationships of insects. Offered on demand.

Credit, 2 hours.

By arrangement.

PROFESSOR GIER.

321. Microtechnic. Collection and preservation of biological materials, making stained sections, charts, lantern slides, photographs.

Credit, 3 hours. Prerequisite, consent of instructor.

First semester. By arrangement.

Professor Gier.

324. Embryology (formerly 323). A study of the embryological development of vertebrates as illustrated in the chick and the pig. Offered in alternate years.

Credit, 4 hours. Prerequisite, consent of instructor.

Second semester. By arrangement.

PROFESSOR GIER.

325. Histology (formerly 322). A study of microscopic structure of animal tissues and organs. Offered in alternate years.

Credit, 2 hours. Prerequisite, consent of instructor.

First semester. By arrangement.

PROFESSOR GIER.

333. Systematic Botany. A study of the local flora and the classification of vascular plants. Offered on demand.

Credit, 2 hours. Prerequisite, 111.

By arrangement.

Professor Gier.

335. Systematic Zoology. A course to acquaint the student with the use of keys and the principles of taxonomy with emphasis on the local fauna. Offered on demand.

Credit, 2 hours. Prerequisite, 111.

By arrangement.

PROFESSOR GIER.

341. BIOMETRY. Application of statistical methods to agriculture, biological research, and medicine.

Credit, 1 hour. Prerequisite, consent of instructor.

First semester. Th. at 4:00. Marston Hall.

PROFESSOR GIER.

342. HISTORY AND LITERATURE OF BIOLOGY (formerly 342, 343). A review of major contributions from the Greeks to the present.

Credit, 1 hour. Prerequisite, consent of instructor.

Second semester. Th. at 4:00. Marston Hall.

PROFESSOR GIER.

345. Problems in Biology. Opportunity for the student to do advanced work on various phases of biology.

Credit, 1 to 3 hours per semester. Prerequisite, consent of instructor. Each semester. By arrangement.

PROFESSORS GIER AND OLIVE THOMAS.

#### **CHEMISTRY**

Undergraduate courses in chemistry must necessarily be fundamental in scope. With this fact in mind and in adherence to its principles the courses are presented with a perspective to the changing conditions of industry, economics, and sociology relating to the field of chemistry.

Students who major in chemistry will be required to take the following courses: Chemistry 103 and 104 (10 hours), 201 (3 hours), 203 and 204 (7 hours), 301 and 302 (10 hours), 401 and 402 (8 hours). The cognate minor is 18 hours of mathematics as follows: 111 (3 hours), 115 (2 hours), 118 (5 hours), 225 (4 hours), 226 (4 hours). In addition the following are required: Physics 213 and 214 (10 hours); German or French, 16 hours; social sciences, 16 hours; humanities, 6 hours.

Those students who plan to study medicine and desire a major in chemistry should elect chemistry courses 103, 104, 201, 203, 204, 301, and 302. For these students the cognate minor is 10 hours of biology and 10 hours of physics.

No student will be permitted to take further work in the Department of Chemistry who does not maintain a "C" average or better in previous courses in chemistry unless given special permission by the department.

The Chemistry Department will not recommend for graduate study any student who does not have an average of "A" in chemistry and of "B" in all other courses. No student will be recommended for admission to a medical school who has not maintained an average of "B" or better in all chemistry courses taken.

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

Credit, 5 hours.

Offered each semester. Lectures, M., W., F. at 11:15. Laboratory T., Th. at 2:10-4:00. 107 Marston Hall.

PROFESSOR GODFRIAUX.

103, 104. General Inorganic Chemistry. For those students who are majoring in chemistry or who intend to use chemistry in some vocational field. A study of the chemical elements and compounds, and the laws and principles which are fundamental to the advanced courses in chemistry. The course is presented on a level which makes a previous course in high school chemistry highly desirable.

Credit, 5 hours each semester. Mathematics 111 and 115 must accompany or precede this course.

First and second semesters. Lectures, M., W., F. at 10:20. Laboratory, M., W. at 2:10-5:00. 107 Marston Hall.

Professor Godfriaux.

201. QUALITATIVE ANALYSIS. The class work shall 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, 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, 3 hours. Prerequisites, Chemistry 104 and Mathematics 111 and 115.

First semester (First 12 weeks). Lectures, T., Th. at 7:50. Laboratory, M., W., F. at 2:10-5:00. 107 Marston Hall.

PROFESSOR GODFRIATIX.

203. QUANTITATIVE ANALYSIS. This course will be the introduction to Quantitative Analysis and must be followed by course 204 the second semester.

Credit, 2 hours. Prerequisite, 201.

First semester (Last 6 weeks). Lectures, T., Th. at 7:50. Laboratory, M., W., F. at 2:10-5:00. 107 Marston Hall.

PROFESSORS GODFRIAUX AND EDSON.

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

Credit, 5 hours. Prerequisite, Chemistry 203.

Second semester. Lectures, T., Th. at 7:50. Laboratory, M., W., F. at 2:10-5:00. 107 Marston Hall.

PROFESSORS GODFRIAUX AND EDSON.

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, M., W., F. at 8:45. Laboratory, T., Th. at 2:10-5:00. 107 Marston Hall.

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, 5 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 1:15. Laboratory, T., Th. at 2:10-5:00. 107 Marston Hall.

PROFESSOR EDSON.

402. Physical Chemistry. A continuation of the lectures of course 401.

Credit, 3 hours.

Second semester. Lectures, M., W., F. at 1:15. 107 Marston Hall. Professor Edson.

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, fluoremetry, 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.

PROFESSOR EDSON.

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.

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 semester. Hours to be arranged. 107 Marston Hall. Professors Godfriaux and Edson.

## ECONOMICS AND BUSINESS ADMINISTRATION

Students wishing to concentrate in the field of economics and business administration may choose a Composite Major in this general field.

#### **ECONOMICS**

A major in economics consists of 24 hours and must include course 204 which is, in general, prerequisite to all other courses in the department. A minor consists of 16 hours, including prerequisites. When economics is chosen as a major, the cognate minor consists of at least 8 hours each from any two of the following: history, sociology, political science, psychology, and philosophy.

203. Economic Geography. (Identical with Education 203.) Credit, 2 hours.

First semester. T., Th. at 8:45. 303 Jewell Hall.

Professor Robb.

204. Principles of Economics. A beginning course to acquaint the student with economic terminology, commonly accepted principles, and some of the present-day issues and problems. Some attention is

given to the theories of value and distribution, particularly as they are affected by competition, monopolistic competition, and monopoly. Emphasis is placed on the problems of agriculture, money, domestic and international finance, transportation, labor, and national income.

Credit, 5 hours. For sophomores.

Second semester. M., T., W., Th., F. at 7:50. 303 Jewell Hall. Professor Robb.

301. LABOR PROBLEMS. 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. (Identical with Sociology 325.)

Credit, 3 hours. Prerequisite, 204, or consent of the instructor.

First semester. M., W., F. at 7:50. 303 Jewell Hall.

PROFESSOR ROBB.

302. Money and Banking. A study of the origin, function, and systems of money and banking, with special emphasis on the Federal Reserve System. Special reference is made to current conditions and problems with a view to monetary and banking reform. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, 204.

Second semester. M., W., F. at 8:45. 303 Jewell Hall.

PROFESSOR ROBB.

311. Taxation and Public Finance. The economics of governmental expenditure. Special emphasis is placed on the shifting and incidence of taxes, and special consideration is given to the various types of taxes. Other problems include governmental borrowing and the public debt. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. Prerequisite, 204.

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

PROFESSOR ROBB.

314. Business Cycles. The phenomena of prosperity and depression. Attention is given to the factors that underlie the processes of change within the business system. Special stress is placed upon the interpretation of current conditions and the numerous devices designed to minimize business fluctuations. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. Prerequisite, 204. Second semester. M., W., F. at 8:45. 303 Jewell Hall. Professor Robb.

331. American Economic History. Development of American economic institutions from colonial origins to the industrial order of today. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, consent of instructor. First semester. M., W., F. at 11:15. 303 Jewell Hall. Professor Robb.

332. International Economic Relations. A study of those economic conditions which underlie trade relations among nations. Distribution of natural resources, population, imperialism, and efforts at international co-operation. Friction arising from tariffs and other nationalistic policies. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, 204. Second semester. M., W., F. at 11:15. 303 Jewell Hall. Professor Robb.

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. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. Prerequisite, 204. Second semester. M., W., F. at 11:15. 303 Jewell Hall. Professor Robb.

351. Intermediate Economic Theory. A course for seniors designed to supplement Economics 204 and to provide a more solid background in economic analysis. Further consideration is given to price, competition, monopolistic competition, monopoly, and distribution which includes wages, interest, rent, and profits. Final consideration is given to the analysis of the determination of national income and its fluctuations. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. For seniors. Prerequisite, 204 and 301. First semester. M., W., F. at 11:15. 303 Jewell Hall. Professor Robb.

391, 392. Research Seminar. A few outstanding seniors will be permitted to do independent research in the field of economics. The student must have maintained an average grade of 50 per cent A's in the major.

Personal conference method and regularly scheduled meetings of

the group.

Credit, 2 hours. Prerequisite, consent of instructor. Each semester. Hours to be arranged. 303 Jewell Hall.

# BUSINESS ADMINISTRATION

The following courses are offered for those students who are planning to pursue a business career. These courses taken in addition to the requirements for a major in economics constitute a *Composite Major*. The cognate minor consists of 8 semester hours of political science selected from among courses relating to American government. Other courses in American history are also recommended.

211. Accounting I. A beginning course designed to give students an understanding of the field of business as a part of our social environment 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. Two extra periods each week for laboratory, Wed. 2:10-4:00.

Credit, 4 hours. For sophomores.

First semester. M., T., Th. at 2:10. 303 Jewell Hall.

PROFESSOR BEATTY.

212. Accounting II. The application of principles of accounting to the operation of manufacturing concerns and to corporations. Analysis and interpretation of accounting reports, the budget system of control, and application of principles of internal check and audit. Two extra periods each week for laboratory, Wed. 2:10-4:00.

Credit, 4 hours. For sophomores.

Second semester. M., T., Th. at 2:10. 303 Jewell Hall.

PROFESSOR BEATTY.

216. STATISTICAL METHODS (Mathematics 216). A mathematical treatment of statistical methods and their application to business and social problems. This course includes practice in assembling, tabulating,

and classifying data, graphs, frequency distribution, averages, dispersion, deviation, and correlation.

Credit, 3 hours.

Second semester. M., W., F. at 11:15. 211 Marston Hall.

PROFESSOR LAFRENZ.

311. Marketing. A study of principles and methods of marketing as related to transportation, changing demand, and economics of distribution.

Credit, 3 hours. Prerequisite, Economics 204.

First semester. M., W., F. at 10:20. 205 Jewell Hall.

PROFESSOR BEATTY.

312. CORPORATION FINANCE. A study of the formation, combination, merger, receivership, reorganization, and dissolution of corporations; including capitalization, surplus, dividends, and reserve policies. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, Economics 204.

Second semester. M., W., F. at 10:20. 205 Jewell Hall.

PROFESSOR BEATTY.

321. Business Organization and Management (formerly Econ. 321). A study of the science of business, forms of business organization, and the financing and management of corporations. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, Econ. 204, or consent of instructor.

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

PROFESSOR ROBB.

322. Cost Accounting. A study of the general theory of cost analysis and distribution. A study of reorganizations, municipal budgeting, and further study in financial statement interpretation and analysis. Two periods each week for laboratory. Given in alternate years. Not given in 1951-52.

Credit, 3 hours. Prerequisite, Accounting I and II.

Second semester. M., T., W., Th. at 1:15. 103 Jewell Hall.

PROFESSOR BEATTY.

331. Business Law. A study of the legal requirements for the performance and discharge of business contracts. The law pertaining to commercial paper, principal and agent, employer and employee, partnership, corporations, real and personal property, insurance, and guaranty. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, Economics 204, or consent of the instructor.

First semester. M., W., F. at 1:15. 103 Jewell Hall. Professor Beatty.

EDUCATION (See Psychology and Education)

# ENGINEERING DRAWING (See Physics)

# ENGLISH AND SPEECH

English

A major in English requires at least 24 hours, not including Freshman English (115, 116) and courses in public speaking and dramatics. Those planning to teach English in high school or to study for advanced degrees in the field should take the following courses as a bare minimum: English 231, 315, 316, 321, 322, 323, 324 and 350. English majors are urged to take History 112 and 221.

The cognate minor for an English major is: (1) 16 hours of college Latin, or (2) 16 hours of college Greek, or (3) four years of high school Latin plus six hours of college Latin.

For students to whom English is a foreign language the department may prescribe other appropriate courses in lieu of the normal minor in Latin or Greek.

Students intending to do graduate work in English should have in addition to their minor as strong a background as possible in history and philosophy. Most graduate schools require a reading knowledge of Latin, German and French for the doctorate in English.

Speech

A major in speech requires at least 24 hours with 24 hours in one other subject as a cognate major. Suggested cognates are English, philosophy, history, economics, sociology, or psychology. The following speech courses should be included: 221, 224, 125, 239, 240, 331, 337, and 348. One of the following courses may be counted toward the speech major: English 306, English 350, Philosophy 351.

English requirements for all students, irrespective of major. (See "Requirements for Graduation," pp. 41-44). All students must take six hours of Freshman English (115, 116) at the beginning of their college course. Those without sufficient skill in reading, writing, grammar and

spelling to do college work must complete Remedial English (100) without credit in addition to Freshman English.

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 early in his junior year and prescribe such remedial work as may seem necessary.

100. Remedial English. A last opportunity for those with inadequate preparation to remedy their deficiencies.

No credit.

Both semesters. Jewell Hall.

MISS HANSSEN.

115, 116. Freshman English. Intensive reading on college level. Review of fundamentals of grammar and usage. Expository writing. Required of all students.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 7:50, 8:45, 10:20, 11:15 and 1:15. Jewell Hall.

116. First semester. M., W., F. at 10:20.

115. Second semester. M., W., F. at 10:20.

MEMBERS OF THE DEPARTMENT.

211. Journalism — Reporting and Copyreading (formerly 218 and 219). The techniques of newspaper writing, with emphasis on general reporting. Practice in editing, makeup, and layout. Laboratory work on the college newspaper throughout the year.

Credit, 3 hours. Prerequisite, 115 and 116.

First semester. M., W., F. at 1:15. 106 Greene Hall.

MISS BOWMAN.

212. JOURNALISM—THE AMERICAN PRESS (formerly 220). The development of the American press, its power as an instructional and propaganda medium, and trends in content and structure. A survey of other types of periodical publication.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 1:15. 106 Greene Hall.

MISS BOWMAN.

231. HISTORY OF THE ENGLISH LANGUAGE (formerly 230b). Oral and written English as a mirror of the experiences of the English-speaking peoples.

Credit, 3 hours. Prerequisite, 115 and 116, at least two semesters of one ancient or modern language.

First semester. M., W., F. at 8:45. 304 Jewell Hall.

Professor Carver.

232. Modern Prose. Trends in Anglo-American prose literature since 1900.

Credit, 3 hours. Prerequisite, 115 and 116.

Second semester. M., W., F. at 8:45. 302 Jewell Hall.

Mr. HAWKINS.

301, 302. ADVANCED COMPOSITION. Open only to a maximum of twelve juniors and seniors seriously interested in writing, by consent of the instructor. Not offered for less than six students.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged. 301 Jewell Hall. Miss Hanssen.

303. RECENT POETRY (formerly 304). Major modern English and American poets, beginning with Whitman and Housman.

Credit, 3 hours. Prerequisite, 115 and 116.

First semester. M., W., F. at 8:45. 302 Jewell Hall.

Mr. HAWKINS.

306. Modern Drama (formerly 309). From Ibsen to the contemporary theater.

Credit, 3 hours. Prerequisite, 115 and 116.

Second semester. M., W., F. at 7:50, 302 Jewell Hall.

Mr. HAWKINS.

315. AMERICAN LITERATURE TO THE CIVIL WAR.

Credit, 3 hours. Primarily for juniors and seniors but open to sophomores intending to major in English.

First semester. M., W., F. at 10:20. 304 Jewell Hall.

PROFESSOR CARVER.

316. American Literature Since the Civil War.

Credit, 3 hours. Prerequisite, 315.

Second semester, M., W., F. at 10:20. 304 Jewell Hall.

Professor Carver.

321, 322, 323, 324. Survey of English Literature. These four courses cover in chronological sequence the major works, types and trends of English literature from its Anglo-Saxon beginnings to the

generation just before World War I. Together with the parallel survey of American literature (English 315, 316) they thus form the core of the English major and provide a foundation for graduate work in the field.

321. English Literature to 1500.

Credit, 4 hours.

First semester. M., T., W., Th. at 1:15. 304 Jewell Hall.

Professor Carver.

322. English Literature from 1500 to 1660.

Credit, 4 hours.

Second semester. M., T., W., Th. at 1:15. 304 Jewell Hall.

Professor Carver.

323. English Literature from 1660 to 1800.

Credit, 4 hours.

First semester. M., T., W., Th. at 2:10. 304 Jewell Hall.

Professor Carver.

324. English Literature from 1800 to 1900.

Credit, 4 hours.

Second semester. M., T., W., Th. at 2:10. 304 Jewell Hall.

Professor Carver.

342. ROBERT Browning. The longer poems, dramas, and "The Ring and the Book." Text: Complete Poems of Robert Browning.

Credit, 3 hours. For juniors and seniors:

Second semester. M., W., F. 11:15. Jewell Hall.

PROFESSOR HARVEY.

350. SHAKESPEARE.

Credit, 3 hours. Prerequisite, six hours of English above Freshman level.

First semester. M., W., F. at 7:50. 302 Jewell Hall.

Mr. Hawkins.

136. CHILDREN'S LITERATURE (Identical with Education 136).

First semester. T., Th. at 10:20. 304 Marston Hall.

Miss Chiles.

## SPEECH AND DRAMATICS

221. Public Speaking. A study of the vocal mechanism, voice improvement, pronunciation, and bodily activity as it applies to public

speaking and conversation. Recordings will be made of each student's voice in order to aid the individual student in speech improvement. This course and 224 fulfill the graduation requirement for speech.

Credit, 2 hours.

First semester. T., Th. at 10:20 and M., W. at 2:10. 301 Jewell Hall. Miss Rice.

224. Public Speaking (formerly 223). A study of speech organization, which includes the preparation and delivery of at least five speeches gauged to the general ends of all speaking. A study of the psychological aspects of speech will guide the student in adapting his speech to the audience. This course and 221 fulfill the graduation requirement for speech.

Credit, 2 hours.

Second semester. T., Th. at 10:20 and M., W. at 2:10. 301 Jewell Hall. Miss Rice.

125. Argumentation and Debate (formerly 122 and 123). The fundamentals of argumentative speech; analysis, preparation of briefs, outlining, evidence, and reasoning. Extensive practice in forensic speech. Intramural and intercollegiate debating will develop from this course, and it is recommended for students who are interested in participating in this activity, as well as for ministerial and missionary students.

Credit, 2 hours.

First semester. T., Th. at 2:10. 302 Jewell Hall.

MISS BOWMAN.

126. Persuasive Speech (formerly 121). 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. 302 Jewell Hall.

MISS BOWMAN.

225. 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. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Not open to freshmen.

First semester. M., W., F. at 11:15. 302 Jewell Hall.

Miss Bowman.

239. ACTING (formerly 238). The study of the problems of the amateur actor. The development of each individual in the use of the body and the voice through pantomime and voice training, and characterization will be the main objective.

Credit, 2 hours.

First semester. M., W. at 3:05. 301 Jewell Hall.

MISS RICE.

240. PLAY PRODUCTION (formerly 239 and 240). A complete study of designing the production of a play from the point of view of the director, including play selection, interpretation, casting, and training actors in characterization and stage movement. In addition, production problems including scenery, lighting, costume, and make-up will be studied.

Credit, 2 hours.

Second semester. M., W. at 3:05. 301 Jewell Hall.

MISS RICE.

331. Oral Interpretation of Literature (formerly 331 and 332). The study of interpretation is designed to make the student able to read the meaning from the printed page which is a fundamental necessity in every educational pursuit. The student through a study of techniques and principles should be enriched by the insight and understanding gained through the creative reading of literature. The practice in oral reading and individual guidance should enable the student to understand various types of literature and to perfect his skill in conveying that understanding to others.

Credit, 3 hours. Not open to freshmen.

First semester. T., Th. at 2:10. One hour to be arranged. Jewell Hall. Miss Rice.

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

Credit, 2 hours. Not open to freshmen.

Second semester. T., Th. at 2:10. 301 Jewell Hall.

MISS RICE.

337. Speech Correction. A study of the most common physiological and psychogenic speech disorders and the methods used in correcting these disorders. An introduction to clinical methods and some practice

in assisting students with minor defects will be given. The course will be designed to give speech majors an introduction to the field of speech correction and to give students who intend to enter the field of teaching some instruction in the causes and treatment of speech defects.

Credit, 3 hours. The clinic will continue into the second semester, and additional credit of from  $\frac{1}{2}$  hour to 2 hours will be given at the discretion of the instructor.

First semester. T., Th. at 3:05. One hour to be arranged. 301 Jewell Hall.

MISS RICE.

338. Discussion. A study of the principles and practice of group discussion. The student will have practice in leading a discussion, as well as participating in discussions based on local, national, and international subjects. The student will find the study of discussion methods practical because the use of this means of expression is the right of every citizen in a democratic society. Offered in alternate years. Not given in 1951-52.

Credit, 2 hours.

Second semester. T., Th. at 3:05. 301 Jewell Hall.

MISS RICE.

348. Teaching of Speech. Designed for the student who may be called on to teach public speaking or coach dramatics or forensics in high schools. Given on demand.

Credit, 2 hours.

Hours to be arranged.

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 I hour; for the degree of Honor, I 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 as follows:

October to April. T., Th. at 3:05. 302 Jewell Hall. Miss Bowman.

## **GEOLOGY**

303. Geology (formerly 302, 303). An elementary course dealing with both physical and historical aspects.

Credit, 3 hours. Prerequisite, at least one year of laboratory science. Second semester. By arrangement.

PROFESSOR OLIVE THOMAS.

## GREEK

A knowledge of Greek gives an appreciation of the growth and development of language. It is the only means of direct contact with the great body of literature which contains the germ of many of our literary forms and familiar conceptions. It provides an acquaintance with many root words which have found a place in English and cognate languages. It makes possible reading and interpreting in its original form the basic literature of our modern civilization—the New Testament. Courses 111, 112, 211, 212 satisfy the general foreign language requirements; these with any additional eight hours of courses numbered above 300 form a major. The cognate minor consists of two years of college Latin.

111. ELEMENTARY GREEK (formerly 101, 102, 103). Inflection and syntax, word formation, and vocabulary building. Reading simple passages from Greek literature.

Credit, 5 hours.

First semester. M., T., W., Th., F. at 11:15. 103 Jewell Hall. Professor Derwacter.

112. Xenophon: Anabasis (formerly 221). Reading and translating the story of a war correspondent who became a general. Further systematic drill in form and syntax.

Credit, 5 hours. Prerequisite, 111.

Second semester. M., T., W., Th., F. at 11:15. 103 Jewell Hall.

PROFESSOR DERWACTER.

211. Greek Historians (formerly 222). Selections from Herodotus and Thucydides to shed light on the social and political background of some of the crises in Greek history.

Credit, 3 hours. Prerequisite, 112.

First semester. M., W., Th. at 2:10. 103 Jewell Hall.

PROFESSOR DERWACTER.

212. Homer: Selections from the Ilian (formerly 223). Gods and men in conflict about the walls of ancient Troy. Introduction to the structure of Greek poetry, and to early Greek society.

Credit, 3 hours. Prerequisite, 211.
Second semester. M., W., Th. at 2:10. 103 Jewell Hall.
Professor Derwacter.

213. Greek Orators. Selections from Demosthenes or Lysias. Credit, 3 hours. Prerequisite, 112. Not given in 1951-52. First semester. M., W., Th. at 2:10. 103 Jewell Hall. Professor Derwacter.

321, 322. New Testament Greek (formerly 311a, 312a, 313a). The development of Hellenistic or Koine Greek as it appears in vocabulary, inflection, and syntax. The student is introduced to the various types of literature and of the style represented by the New Testament writers.

Credit, 4 hours each semester. Prerequisite, 212, or equivalent. First and second semesters. T., W., Th., F. at 10:20. 103 Jewell Hall. Professor Derwacter.

327. PLATO: APOLOGY, CRITO, AND PHAEDO (formerly 324). Socrates' defense and the account of his trial, condemnation, and death. Some study of Athenian law and court procedure.

Credit, 4 hours. Prerequisite, 212, or equivalent. First semester. T., W., Th., F. at 8:45. 103 Jewell Hall. Professor Derwacter.

328. Hellenistic Greek (formerly 331 and 332). Selections from the Septuagint, Josephus, Philo, Apostolic Fathers, vernacular papyri, etc., as a background for the Greek of the New Testament.

Credit, 4 hours. Prerequisite, 212, or equivalent. Second semester. T., W., Th., F. at 8:45. 103 Jewell Hall. PROFESSOR DERWACTER.

# HISTORY

It is important that students take history courses in sequence.

The freshman should enter course 111, and continue throughout the year in freshman history.

History III and III, or their equivalent, are prerequisite to all further historical study for a major in history, and should be taken in the freshman year. Juniors and seniors will not be admitted to these courses except by permission of the instructor.

For a major in history 24 hours are required. The cognate minor includes 8 hours each from any two of the following: economics, political science, sociology, and philosophy.

111. Ancient and Early Medieval History. A survey course involving the study of the economic, social, political, and cultural aspects of the early civilizations with special emphasis on the Greek and Roman, and covering also the period of the Dark Age of Medieval History.

Credit, 3 hours. For freshmen.

First semester. M., W., F. at 7:50 and 8:45. 203 Jewell Hall. Professor Pugh.

112. Late Medieval and Early Modern European Civilization. A survey of European civilization from the early renaissance period to the Congress of Vienna (1000 to 1815). Such aspects of the present European crises as the existence of many small unprotected nations and national minorities which date back to this period will be emphasized.

Credit, 3 hours. Prerequisite, 111. For freshmen.

Second semester. M., W., F. at 7:50 and 8:45. 203 Jewell Hall. Professor Pugh.

221. Early American (formerly 210). This course deals with 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 our national life.

Credit, 3 hours. Prerequisite, 112.

First semester. M., W., F. at 7:50. 304 Jewell Hall.

PROFESSOR TROTTER.

222. RECENT AMERICAN (formerly 211). 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. Prerequisite, 221.

Second semester. M., W., F. at 7:50. 304 Jewell Hall.

Professor Trotter.

331. Europe from 1815 to 1920. A survey of the development of European civilization from the close of the Napoleonic Era to the close of the First World War including the Congress of Paris. Emphasis will be given to the long range forces that helped to produce the First World War and its probable consequences.

Credit, 3 hours. Prerequisite, 112. For juniors and seniors. First semester. M., W., F. at 11:15. 203 Jewell Hall. Professor Pugh.

332. Europe Since 1920. A study of the reconstruction of Europe following the First World War, the background of World War II, and an analysis of the present international situation.

Credit, 3 hours. Prerequisite, 112. For juniors and seniors. Second semester. M., W., F. at 11:15. 203 Jewell Hall. Professor Pugh.

333. Modern Russia (formerly 324). 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. Prerequisite, 112. For juniors and seniors.

First semester. T., Th. at 10:20. 203 Jewell Hall.

Professor Pugh.

334. LATIN AMERICA (formerly 325a). 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. Prerequisite, 112. For juniors and seniors.

Second semester. T., Th. at 10:20. 203 Jewell Hall.

PROFESSOR PUGH.

335. Modern England (formerly 325). A study of the rise of English institutions and culture with emphasis on attempts to solve present day problems.

Credit, 2 hours. Prerequisite, 112. For juniors and seniors.

First semester. T., Th. at 1:15. 203 Jewell Hall.

PROFESSOR PUGH.

336. The Far East (formerly 326). 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 the present day crisis.

Credit, 2 hours. Prerequisite, 112. For juniors and seniors.

Second semester. T., Th. at 1:15. 203 Jewell Hall.

PROFESSOR PUGH.

337. Philosophy of History. A study of how European and American philosophers have understood the meaning and purpose of human culture and civilization. Identical with Philosophy 362.

Credit, 3 hours. Prerequisite, 112 and 222. First semester. M., W., F. at 10:20. 102 Jewell Hall. Professor Trotter.

338. AMERICAN DIPLOMACY. A study of America's role in international relations, in which an attempt is made to discover whether we have developed any clearly conceived and consistent policy for dealing with other nations. Diplomatic events are studied chiefly as they reflect the evolution of a foreign policy.

Credit, 3 hours. Prerequisite, 222.

Second semester. M., W., F. at 10:20. 102 Jewell Hall.

Professor Trotter.

340. Growth of American Thought. A social history of American climates of opinion on such ideas as civilization, liberty, social justice, progress, security, militarism, individualism, and collectivism. The course is designed to take account of the rapidly growing body of material dealing with the "American Mind" or the "American Tradition." Not given in 1951-52.

Credit, 3 hours. Prerequisite, 222.
Second semester. M., W., F. at 10:20. 102 Jewell Hall.
PROFESSOR TROTTER.

### Honor Courses

441. Research Seminar (formerly 401). The purpose of this course is to stimulate and guide majors in the History Department in the method and achievement of independent research. Subjects to be determined by the interest of the student. Result of the research to be produced in thesis form. Limited to three students selected by the department head and approved by the curriculum committee. Meetings on conference basis.

Credit, 2 hours.

First semester. Hours to be arranged.

PROFESSOR PUGH.

442. Research Seminar (formerly 402). Continuation of History 441.

Credit, 2 hours.

Second semester. Hours to be arranged.

PROFESSOR PUGH.

#### LATIN

The study of Latin is valuable for a better understanding of English, since more than half our words are derived from Latin. It is valuable also to those preparing for the study of medicine, dentistry, pharmacy, and law. It serves as a basis for the study of French, Spanish, Portuguese, Italian, and Roumanian. A knowledge of Roman authors gives us a rich background for much of the best in English literature.

Courses 101, 102, 205, 206, 307, 308, and two additional courses of 3 hours each form a major, a total of 30 hours. The cognate minor consists of not less than 16 semester hours of one other foreign language.

101, 102. Beginning Latin, and Caesar. 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, and the second to Caesar's Gallic War. Not open to seniors except by permission.

Credit, 5 hours each semester.

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

Professor Moon.

205, 206. CICERO'S ORATIONS. Some attention will be given to Latin composition. Study of Roman oratory and political institutions. This course is designed primarily for those who offer only two entrance units of Latin.

Credit, 3 hours each semester. Prerequisite, 102 or two entrance units of Latin.

First and second semesters. M., W., F. at 8:45. 101 Jewell Hall. Professor Moon.

307, 308. Ovid and Vergil's Aeneid. Emphasis will be placed on the cultural aspect of the two poets.

Credit, 3 hours first semester and 5 hours second semester. Prerequisite, 206, or three units of high school Latin.

First semester, M., W., F. at 10:20. Second semester, M., T., W., Th., F. at 10:20. 101 Jewell Hall.

Professor Moon.

\*311. CICERO: DE SENECTUTE, DE AMICITIA. A careful study of these essays.

Credit, 3 hours. Prerequisite, 206, or four entrance units of Latin. First semester. M., W., F. at 11:15. 101 Jewell Hall.

Professor Moon.

\*312. PLINY: SELECTED LETTERS. In this course some study will be made of Roman life in the Silver Age. The epistolary type of literature also will be studied.

Credit, 3 hours. Prerequisite, 206, or four entrance units of Latin. Second semester. M., W., F. at 11:15. 101 Jewell Hall.

Professor Moon.

\*313. Selections from Latin Authors. In this course are included the best of the shorter poems in Latin literature, and selections from various prose writers.

Credit, 3 hours. Prerequisite, 308.

First semester. M., W., F. at 3:05. 101 Jewell Hall.

PROFESSOR MOON.

\*314. Horace: Odes (formerly 315). Translation and interpretation of the Odes, and a careful study of the metrical systems.

Credit, 3 hours. Prerequisite, 308.

Second semester. M., W., F. at 3:05. 101 Jewell Hall.

PROFESSOR MOON.

\*315. CICERO: PHILOSOPHICAL WORKS (formerly 316). The De Officiis will serve as a basis for study.

Credit, 3 hours. Prerequisite, 308.

First semester. M., W., F. at 3:05. 101 Jewell Hall.

Professor Moon.

\*316. Lucretius: De Rerum Natura (formerly 317). Critical study of Epicureanism as expounded by Lucretius.

Credit, 3 hours. Prerequisite, 308.

Second semester. M., W., F. at 3:05. 101 Jewell Hall.

Professor Moon.

\*Given on demand.

# **MATHEMATICS**

The Department of Mathematics serves the interest of five different types of students: (1) Those who, after being graduated from a four-year academic course in college, expect to enter some higher institution of learning to specialize in mathematics and its application; (2) Those desiring to become teachers of mathematics in schools and colleges; (3) Those interested in one or more of the many branches of mathematics; (4) Those interested in mathematics because of its application

to the sciences: engineering, and others less closely related; and (5) Those interested in a general knowledge of the subject because of its disciplinary value, eternal truths, and general application to civilization.

A total of 25 hours of mathematics is required for a major. Courses 118, 225, 226, and 12 hours of the courses whose numbers are above 300 must be included. The cognate minor consists of Physics 211, 212 and either an additional year of physics (6 hours) or a complete year of either chemistry or biology (8 hours). The courses 118, 225, and 226 constitute a minor in mathematics.

105. Introduction to College Mathematics. This course is for those students who want a general working knowledge of college mathematics, which includes the elements of algebra: quadratic equations, binomial formula, partial fractions, proportions, and variations; topics in elementary trigonometry which includes logarithms, solution of right and oblique triangles, trigonometric formulas, and identities; topics in analytical geometry which include straight line, conics, curve sketching; etc.

This course will fulfill the requirement of one semester of science. It is open only to those who have had less than one year of algebra and one year of geometry in high school.

Credit, 5 hours.

Offered each semester. M., T., W., Th., F. at 11:15. 211 Marston Hall. Professor LaFrenz.

Tio. Solid Geometry. An introduction to space relationships. Topics studied are: planes; dihedral, trihedral, and polyhedral angles; prisms; pyramids; cylinders; cones; spheres. Recommended for students who did not have solid geometry in high school and expect to continue mathematics beyond freshman year in college. Text: Essentials in Solid Geometry, Smith.

Credit, 2 hours. Prerequisite, one unit each of algebra and plane geometry. For freshmen.

Second semester. T., Th. at 11:15. 214 Marston Hall. Professor Jones.

III. COLLEGE ALGEBRA. A rapid review of the fundamentals of algebra plus a thorough consideration of linear equations, quadratic equations, determinants, inequalities, progressions, binomial theorem, partial fractions, mathematical induction, and other topics. Text: College Algebra, Revised Edition, Hart.

Credit, 3 hours. Prerequisite, 2 years high school mathematics. First semester. M., W., F. at 8:45; 10:20. 211 Marston Hall. Professor LaFrenz.

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. Text: Plane and Spherical Trigonometry, Shibli.

Credit, 2 hours. Co-requisite 111, or equivalent. First semester. T., Th. at 8:45; 10:20. 211 Marston Hall. Professor LAFRENZ.

118. Plane and Solid Analytical Geometry (formerly 117). Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, properties of conic sections, transformation of co-ordinates, polar co-ordinates, higher plane curves, elements of curve fitting, cylindrical and spherical co-ordinates, equations of planes, lines, and surfaces. Text: *Analytical Geometry*, Wilson and Tracey.

Credit, 5 hours. Prerequisite, 111 and 115.

Second semester. M., T., W., Th., F. at 8:45; 10:20. 211 Marston Hall.

Professor LaFrenz.

216. Statistical Methods. A mathematical treatment of statistical methods and their applications to business and social problems. This course includes practice in assembling, tabulating, and classifying of data, graphs, frequency distribution, averages, dispersion, deviation, and correlation.

Credit, 3 hours.

Second semester. M., W., F. at 1:15. 211 Marston Hall.

PROFESSOR LAFRENZ.

225. The Calculus. This course seeks to introduce the fundamental concepts of calculus. Consideration is given to the following topics: the principle of limits, differentiation of algebraic forms, successive differentiation, differentials, applications, integration of elementary functions, constant of integration, definite integral. Text: Essentials of Calculus, Granville, Smith, and Longley.

Credit, 4 hours. Prerequisite, 118.

First semester. M., T., Th., F. at 10:20. 214 Marston Hall. Professor Jones.

226. The Calculus. This is a continuation of course 225. Topics: integration as a process of summation, differentiation of transcendental functions, parametric equations, curvatures, theory of mean values, integration of standard forms, reduction formulas, series, hyperbolic functions. Text: *Essentials of Calculus*, Granville, Smith, and Longley.

Credit, 4 hours. Prerequisite, 225.

Second semester. M., T., Th., F. at 10:20. 214 Marston Hall. Professor Jones.

221. SPHERICAL TRIGONOMETRY. This course is intended for students interested in higher mathematics, surveying, and astronomy. It treats of polar triangles, right spherical triangles, complex numbers, Demoivre's theorem, hyperbolic functions. Text: *Plane and Spherical Trigonometry*, Shibli.

Credit, 2 hours.

First semester, T., Th. at 11:15. 214 Marston Hall.

Professor Jones.

331. Analytical Mechanics (Statics). This course will include fundamental laws, concepts, and definitions, resultants of force systems (parallel and non-parallel, concurrent and non-concurrent, in planes and in space), equilibrium of force systems, couples, trusses, cranes, cables, friction, centroids, moments of inertia. Text: Analytical Mechanics for Engineers, Seeley and Ensign.

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 7:50. 214 Marston Hall.

Professor Jones.

332. ANALYTICAL MECHANICS (Dynamics). A continuation of mathematics 331. Topics: motion of particles, velocity and acceleration (linear and angular), force, mass, moments, translation, rotation, plane motion, relative motion, work, energy, impulse, momentum. Text: Analytical Mechanics for Engineers, Seeley and Ensign.

Credit, 3 hours. Prerequisite, 331.

Second semester. M., W., F. at 7:50. 214 Marston Hall.

Professor Jones.

335. DIFFERENTIAL EQUATIONS (formerly 334). A few of the topics are: differential equations of the first order and first degree, and first order of higher degrees, singular solutions, linear equations, with

constant and variable coefficients, exact differential equations, integration in series. Text: Differential Equations, Conkwright.

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 8:45. 214 Marston Hall.

Professor Jones.

336. Theory of Equations. An introductory course. Among the topics included in this course are: elementary properties of equations, complex numbers, the fundamental theorem, elementary transformation of equations, location of roots of equations, solution of binomial equations, reciprocal equations, determinants. Text: *Theory of Equations*, Conkwright.

Credit, 3 hours. Prerequisite, 226.

Second semester. M., W., F. at 8:45. 214 Marston Hall.

Professor Jones.

341. Selected Topics from Higher Mathematics. A course in advanced calculus covering the following topics: general method of integration, reduction formulas, double integrals, applications, triple integrals, partial differentiation, applications of geometry of space, Taylor's theorem, maxima and minima, Lagrange's multipliers, envelopes. Text: *Advanced Calculus*, Osgood. Not offered 1951-52.

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 11:15. 214 Marston Hall.

Professor Jones.

342. SELECTED TOPICS FROM HIGHER MATHEMATICS. A continuation of Mathematics 341. Elliptic function, indeterminate forms, line integral, Green's theorem, flow of heat, transformation of multiple integrals, vector analysis, Fourier's series. Not offered 1951-52.

Credit, 3 hours. Prerequisite, 341.

Second semester. M., W., F. at 11:15. 214 Marston Hall.

Professor Jones.

109. Arithmetic for Teachers. (Identical with Education 109.) Not accepted for mathematics requirements for a degree.

Credit, 2 hours.

First semester. T., Th. at 7:50. 214 Marston Hall.

Professor Jones.

# MODERN LANGUAGES

The importance of the study of foreign languages as an aid in scientific research is recognized, but it is also invaluable in foreign trade,

and service, radio broadcasting, and travel. The practical value of foreign languages will be stressed accordingly by scientific readings, phonetic and conversational exercises.

Foreign language study should develop in the student a broader knowledge of human civilization by emphasis on the cultural contributions, the thoughts, and manners of European and Pan-American nations. The importance of this goal in the cause of peace and international good-will can hardly be denied.

It is the aim of this department to enable the student to acquire an efficient reading knowledge and an elementary speaking knowledge of the language studied in the shortest practicable period. At the same time, an effort will be made to develop language consciousness which will result, it is hoped, in a keener interest in sources of English words and an enriched vocabulary.

### FRENCH

Twenty-four hours of French form a major; sixteen hours form a cognate minor in another modern foreign or a classical language.

111, 112. ELEMENTARY FRENCH (formerly 101, 102, 103). The essentials of grammar, careful pronunciation, practice in diction, composition, and conversation, intensive, easy reading.

Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F. at 11:15. 113 Jewell Hall.

PROFESSOR McDANIEL.

211, 212. Intermediate French (formerly 204, 205, 206). (Second Year French). Thorough review of grammar together with translation from Victor Hugo, Maupassant, and other French writers. Considerable practice in conversation. Further attention is given to French culture and to the importance of French in literature and art.

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

First and second semesters. M., W., F. at 10:20. 113 Jewell Hall. Professor McDaniel.

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. Not given in 1951-52.

Credit, 4 hours. Prerequisite, 212, or its equivalent. First semester. M., T., W., Th. at 8:45. 305 Jewell Hall. Professor McCarty.

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. Not given in 1951-52.

Credit, 4 hours. Prerequisite, 212, or its equivalent. Second semester. M., T., W., Th. at 8:45. 305 Jewell Hall. Professor McCarry.

313. Eighteenth Century French Masterpieces. This course is devoted to a careful study of representative works from Voltaire, Montesquieu, Diderot, Prevost, Chenier, and Rousseau in the light of political, social, and religious thought of the eighteenth century.

Credit, 4 hours. Prerequisite, 212, or its equivalent. First semester. M., T., W., Th. at 8:45. 305 Jewell Hall. Professor McCarty.

314. NINTEENTH CENTURY FRENCH MASTERPIECES. This course is given over to a systematic study of nineteenth century French Romanticism as exemplified in the literary works of Chateaubriand, Lamartine, de Vigny, Hugo, and Musset.

Credit, 4 hours. Prerequisite, 212, or its equivalent. Second semester. M., T., W., Th. at 8:45. 305 Jewell Hall. Professor McCarty.

315. The Contemporary French Drama (formerly 319, 320, 321). Representative plays of Vildrac, Sarment, Bernstein, Lenormand, Claudel, Hervieu, and Bernard will form the basis for reading, discussion, and composition in this survey course of the contemporary theater. Language, style, settings, dramatic qualities, and characterizations will be included in the treatment. Not given in 1951-52.

Credit, 4 hours. Prerequisite, 212, or its equivalent. First semester. M., T., W., Th. at 8:45. 305 Jewell Hall. Professor McCarty.

316. THE FRENCH NOVEL OF THE NINETEENTH CENTURY (formerly 316, 317, 318). The subject matter for reading and discussion in this

course will be taken from realistic fiction of Stendhal, Balzac, Zola, Flaubert, Edmond and Jules de Goncourt. Not given in 1951-52.

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

Second semester. M., T., W., Th., at 8:45. 305 Jewell Hall.

PROFESSOR McCARTY.

### GERMAN

Twenty-four hours of German form a major; sixteen hours form a cognate minor in another modern foreign or a classical language.

111, 112. ELEMENTARY GERMAN (formerly 101, 102, 103). Essentials of grammar, pronunciation, conversation, and some easy reading, and folk-songs.

Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F. at 1:15. 305 Jewell Hall.

PROFESSOR McCARTY.

211, 212. Intermediate German (formerly 204, 205, 206). (Second Year German.) Study of idiomatic German through intensive reading. Introduction to German literature and culture through selections from poetry, drama, and prose-fiction.

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

First and second semesters. M., W., F. at 11:15. 305 Jewell Hall. Professor McCarty.

311. Introduction to German Classics (formerly 307, 308, 309). (Third Year German.) In the interest of those who may wish to major in German, this course is conducted as a survey of German literature. During the first semester emphasis will be placed on the major works of Lessing and Goethe.

Credit, 4 hours. Prerequisite, 212.

First semester. M., T., W., Th., at 10:20. 305 Jewell Hall.

PROFESSOR McCARTY.

312. Introduction to German Classics. A continuation of 311 with special emphasis on the works of Schiller.

Credit, 4 hours. Prerequisite, 212.

Second semester. M., T., W., Th. at 10:20. 305 Jewell Hall.

PROFESSOR McCARTY.

## **RUSSIAN**

Sixteen hours of Russian are offered. This is sufficient credit to meet the language requirement for graduation.

111, 112. ELEMENTARY RUSSIAN (formerly 101, 102, 103). The course is offered primarily as an introduction to the language. The aim is to achieve reading ability by emphasis on common vocabulary, idiomatic expressions, and basic grammatical forms.

Credit, 5 hours each semester.

First and second semesters. Hours to be arranged. 305 Jewell Hall. Professor McCarty.

211, 212. Intermediate Russian. Thorough review of grammar and study of idiomatic Russian through intensive reading. Introduction to Russian literature and culture through selections from poetry, drama, and prose-fiction.

Credit, 3 hours each semester.

First and second semesters. M., W., F. at 7:50. 305 Jewell Hall. Professor McCarty.

# **SPANISH**

Twenty-four hours of Spanish form a major; sixteen hours form a cognate minor in another modern foreign or a classical language.

*Note:* The enrollment in Elementary and Intermediate Spanish will be limited to twenty-five students in each section. Students should consult the Registrar at the time of enrollment for assignment to a section.

111, 112. Elementary Spanish (formerly 101, 102, 103). The essentials of grammar, pronunciation, practice in diction, composition, conversation, and easy reading.

Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F.

Section a: at 7:50. 105 Jewell Hall.

PROFESSOR BRUNER.

Section b: at 8:45. 113 Jewell Hall.

PROFESSOR McDaniel.

Section c: at 11:15. 105 Jewell Hall.

PROFESSOR BRUNER.

211, 212. Intermediate Spanish (formerly 204, 205, 206). (Second Year Spanish.) Review of grammar with further practice in composition and conversation. Extensive reading from contemporary Spanish and Latin-American authors.

Credit, 3 hours each semester. Prerequisite, 112, or its equivalent.

First and second semesters. M., W., F.

Section a: at 10:20. 105 Jewell Hall.

PROFESSOR BRUNER.

Section b: at 1:15. 105 Jewell Hall.

PROFESSOR BRUNER.

311. Introduction to Spanish-American Literature (formerly 307 and 308). (Third Year Spanish.) This course and 312 alternate with courses 313 and 314. Representative Latin-American authors from the Colonial period to 1900 will be studied. The history and cultural background of the Latin-American peoples are studied in conjunction with their literature. One hour a week will be devoted to composition and conversation.

Credit, 4 hours. Prerequisite, 212, or its equivalent. First semester. M., T., W., Th. at 1:15. 113 Jewell Hall. Professor McDaniel.

312. Contemporary Spanish-American Literature (formerly 309). In connection with reading from recent Latin-American authors, current social, political, educational, and economic problems of Latin-America are studied and discussed. Additional composition and conversation.

Credit, 4 hours. Prerequisite, 212, or its equivalent. Second semester. M., T., W., Th. at 1:15. 113 Jewell Hall. Professor McDaniel.

313. A Survey of Spanish Literature to 1800 (formerly 316, 317). Emphasis will be placed on the study of the epic forms, the Celestina, and the literature of the Golden Age. One hour a week will be devoted to composition and conversation. Not given in 1951-52.

Credit, 4 hours. Prerequisite, 212, or its equivalent. First semester. M., T., W., Th. at 1:15. 113 Jewell Hall. Professor McDaniel.

314. Survey of Modern Spanish Literature. Rapid reading from authors of the nineteenth and twentieth centuries. Collateral reading

and reports. Additional composition and conversation. Not given in 1951-52.

Credit, 4 hours. Prerequisite, 212, or its equivalent. Second semester. M., T., W., Th. at 1:15. 113 Jewell Hall. Professor McDaniel.

### MUSIC

A music major in piano consists of 16 hours of piano, (Applied Music 131 to 334 inclusive), 12 hours of theory, 4 hours of history of music, 6 hours of music electives, 2 hours of keyboard harmony.

A music major in voice consists of 16 hours of voice, 8 hours of theory, 14 hours of piano (courses 125 to 226 inclusive or their equivalent), 4 hours of history of music, 4 hours of music electives, 2 hours of glee club, and 2 hours of chapel choir.

A music major in theory consists of 16 hours of theory, 8 hours of piano (courses 125 to 328 inclusive or their equivalent), 4 hours of history of music, 8 hours of music electives, 2 hours of glee club and 2 hours of chapel choir.

A music major may also consist of 8 hours of voice, 8 hours of piano (courses 131, 132, 231, 232), 8 hours of theory, 4 hours of history of music, 8 hours of music electives, 2 hours of glee club, and 2 hours of chapel choir.

A music major in organ consists of 8 hours of piano (courses 131, 132, 231, 232), 8 hours of organ (courses 251, 252, 351, 352), 8 hours of theory, 4 hours of history of music, 8 hours of music electives, 2 hours of glee club and 2 hours of chapel choir.

A music major in band instruments consists of 12 hours of brass instrument, 2 hours of wood-wind and percussion and 2 hours of string; or 12 hours of wood-wind instrument, 2 hours of brass and percussion and 2 hours of string; plus 8 hours of theory, 4 hours of piano (courses 125 to 226 inclusive), 2 hours of conducting, 2 hours of band, 4 hours of instrumentation and 4 hours of history of music.

Electives may be selected from this department or the Department of Sacred Music.

101, 102. Theory I (formerly 101, 102, 103). Fundamentals of music. Major and minor scales, intervals, music notation, study of melody, rhythm, and simple harmonic progressions including the use of triads and principal seventh chords. This course and Music Appreciation 121, 122 may be taken concurrently.

Credit, 2 hours each semester.

First and second semesters. M., Th. at 1:15.

Professor Grosch.

201, 202. Theory II (formerly 201, 202, 203). Continuation of Theory I. Secondary seventh chords, dominant and secondary ninth chords, modulation, transition, and introduction to creative writing. This course and History of Music 211, 212 may be taken concurrently.

Credit, 2 hours each semester.

First and second semester. M., Th. at 11:15.

Professor Grosch.

301, 302. Theory III (formerly 301, 302, 303). Continuation of Theory II. Augmented and diminished chords, modulation continued with introduction of modern harmonies and simple counterpoint, continued creative writing.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

Professor Grosch.

305, 306. Theory IV, (formerly 304, 305, 306). Continuation of Theory III. The study and analysis of the homophonic forms; transposition and further creative writing.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

Professor Grosch.

211, 212. HISTORY OF MUSIC (formerly 211, 212, 213). The origin of Music; its early development; Monody; the Middle Ages; the Renaissance; the Baroque Epoch; Eighteenth Century music; the Romantic Period; Wagner; impressionistic music; the Twentieth Century. This course and Theory II may be taken concurrently.

Credit, 2 hours each semester.

First and second semesters. T., F. at 11:15.

PROFESSOR GROSCH.

227, 228. Keyboard Harmony (formerly 227, 228, 229). (See Sacred Music.)

III, II2. Women's Glee Club (formerly 110, 111, 112).

Credit,  $\frac{1}{2}$  hour each semester, allowed only upon the completion of the second semester.

First and second semester. T., Th. at 4:00.

105, 106. Men's Glee Club (formerly 104, 105, 106).

Membership in glee club and chapel choir is required of all music majors except piano and band instrument majors, and is open to all regularly enrolled students of the college, subject to successful passing of vocal examination.

Credit,  $\frac{1}{2}$  hour each semester, allowed only upon completion of the second semester.

First and second semesters. T., Th. at 4:00.

207, 208. Chapel Choir (formerly 207, 208, 209). (See Sacred Music.)

121, 122. Music Appreciation (formerly 121, 122, 123). Fundamental principles of instrumental and vocal music; the shorter forms of music including the small sonata form; the orchestra; opera; oratorio; and symphonic form. This course and Theory I may be taken concurrently.

Credit, 2 hours each semester.

First and second semesters. T., F. at 1:15.

Professor Grosch.

311, 312. Instrumentation. Study of arranging for orchestras and bands for school use. Range and transposition of instruments; training to meet problems that may arise in directing school organizations.

Credit, 2 hours each semester. Prerequisite, Theory I and II.

First and second semesters. Hours to be arranged.

PROFESSOR LAKIN.

183. Wood-Wind and Percussion Instruments. (Class instruction). The study of clarinet, flute, oboe, bassoon, etc. Fingering tonguing and breathing are stressed.

Credit, 2 hours. No prerequisite. Hours to be arranged.

Professor Lakin.

136. Brass Instruments. (Class instruction). The study of trumpet, trombone, baritone, French horn, bass, etc.

Credit, 2 hours. No prerequisite. Hours to be arranged.

PROFESSOR LAKIN.

109. String Instruments. (Class instruction). The study of violin, viola, 'cello and bass methods for school classes.

Credit, 2 hours. Hours to be arranged.

First or second semesters.

PROFESSOR LAKIN.

107, 108. BAND. Any college student is eligible. Selection is by examination.

Credit, 1/2 hour each semester.

First and second semesters. M., W., F. at 2:10.

PROFESSOR LAKIN.

380 Teaching Music in the Secondary School. Part singing, organization, methods, materials, voice problems, music appreciation, glee clubs, a capella choir, band, orchestra, activities, contests, festivals, and light opera productions. Open only to music majors who are preparing or who expect to teach music in secondary schools.

Note. The following music courses are required by the State of Missouri Department of Education to meet the standards for certification of music teachers in Secondary Schools. Theory, sight singing, ear training and dictation, conducting, piano, voice, instrument (other than piano), history of music, music appreciation, ensemble (chorus, glee club, band). A total of at least 24 hours must be selected from these subjects and meet with the approval of the head of the department.

Credit, 2 hours. Prerequisite, Education 315. Juniors or seniors. Second semester. Hours to be arranged.

PROFESSOR GROSCH.

# APPLIED MUSIC INSTRUCTION Majors

131, 132. PIANO (formerly 130, 131, 132). Freshman year. Technique development. Etudes selected by the instructor; sonatas and other compositions selected from Haydn, Mozart, Beethoven, Mendelssohn, Schubert, Chopin, Schumann, Grieg, and modern composers.

Credit, 2 hours each semester. Prerequisite, 328 or equivalent.

First and second semesters. Hours to be arranged.

Mrs. Lovan.

231, 232. Piano (formerly 230, 231, 232). Sophomore year. Czerny etudes, Bach three-part inventions, further study of classic and modern composers.

Credit, 2 hours each semester. Prerequisite, 132. First and second semesters. Hours to be arranged. Mrs. Lovan.

331, 332. PIANO (formerly 330, 331, 332). Junior year. Further technical studies of the grade of Clementi's Gradus ad Parnassum; sonatas (or the equivalent of); Beethoven Opus 2 No. 1; Opus 27 No. 1, or Mozart No. 18 in C minor. Other compositions selected by the instructor.

Credit, 2 hours each semester. Prerequisite, 232. First and second semesters. Hours to be arranged.

Mrs. Lovan.

333, 334. Piano (formerly 333, 334, 335). Senior year. Continued technical studies; Chopin and Liszt etudes; Bach preludes and fugues; further study of the standard works of modern and pre-modern composers.

Credit, 2 hours each semester. Prerequisite, 332.

First and second semesters. Hours to be arranged.

Mrs. LOVAN.

251, 252. Organ. Stainer's organ method; Buck pedal phrasing studies; Bach short preludes and fugues; sonatas and other compositions selected by the instructor.

Credit, 2 hours each semester. Prerequisite, Piano 132.

First and second semesters. Hours to be arranged.

Mrs. Lovan.

351, 352. Organ. Selected technical studies; Bach preludes and fugues; compositions from the organ works of Guilmant, Mendelssohn, Rogers, Borowski, Widor, Franck, etc.

Credit, 2 hours each semester. Prerequisite, Piano 232 and Organ 252. First and second semesters. Hours to be arranged.

Mrs. Lovan.

141, 142. Voice (formerly 140, 141, 142). Breath control; attack; vowel quality of tone; resonance; vocalises by Fox, Concone, Sieber. Songs in English.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

Professor Grosch and Mrs. Grosch.

241, 242. Voice (formerly 240, 241, 242). Experiments on the nature of vowel qualities of tone; vowel glides; diphthongs; triphthongs; vocalises continued; songs in English and Italian.

Credit, 2 hours each semester. Prerequisite, 142.

First and second semesters. Hours to be arranged.

PROFESSOR GROSCH AND MRS. GROSCH.

341, 342. Voice (formerly 340, 341, 342). Study of consonants and their effect upon true tone; vocalises; arias from opera and oratorio; songs in English, Italian, and German.

Credit, 2 hours each semester. Prerequisite, 242.

First and second semester. Hours to be arranged.

PROFESSOR GROSCH AND MRS. GROSCH.

343, 344. Voice (formerly 343, 344, 345). Further study of English, German, and Italian songs; advanced vocalises; songs in French; one complete opera or oratorio role must be sung during the senior year.

Credit, 2 hours each semester. Prerequisite, 342.

First and second semesters. Hours to be arranged.

PROFESSOR GROSCH AND MRS. GROSCH.

117, 118. Wood-Wind Instruments. Study of clarinet, flute, oboe, bassoon, saxophone. Correct fingering, tonguing, breathing, and intonation; scales and exercises selected by the instructor.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

PROFESSOR LAKIN.

217, 218. Wood-Wind Instruments. Continued technical studies by Klose, Baerman, DeVille, Neimann, Weissenborn; various types and development of embouchure; selected solos.

Credit, 2 hours each semester. Prerequisite, 118.

First and second semesters. Hours to be arranged.

Professor Lakin.

317, 318. Wood-Wind Instruments. Advanced technical studies; study of the standard works of modern composers; participation in chamber music and other ensemble groups.

Credit, 2 hours each semester. Prerequisite, 218.

First and second semesters. Hours to be arranged.

PROFESSOR LAKIN.

137, 138. Brass Instruments. Study of trumpet, trombone, baritone, French horn, and bass. Correct embouchure, breathing and tonguing; scales and exercises selected by the instructor.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

PROFESSOR LAKIN.

237, 238. Brass Instruments. Technical studies by Arban, Hauser, Franz, St. Jacome, etc.; solo selections chosen by the instructor.

Credit, 2 hours each semester. Prerequisite, 138.

First and second semesters. Hours to be arranged.

PROFESSOR LAKIN.

337, 338. Brass Instruments. Continued technical studies; chamber music and other ensemble participation; standard solo study of works by modern composers.

Credit, 2 hours each semester. Prerequisite, 238.

First and second semesters. Hours to be arranged.

Professor Lakin.

The following courses in Piano, 125 to 328 inclusive, are designed for non-music majors, voice majors, theory majors, sacred music majors, band instrument majors, and as preparatory work for piano majors.

125, 126. PIANO (formerly 124, 125, 126). Five finger exercises; major scales; simple arpeggios; broken three-tone chords; sight reading practice; hymn playing; compositions selected by the instructor.

Credit, 1 hour each semester.

First and second semesters. Hours to be arranged.

Mrs. Lovan.

225, 226. Piano (formerly 224, 225, 226). Major and minor scales; seventh chord arpeggios and broken chords; technical studies by Gurlitt, Loeschorn, and others; smaller compositions by Handel, Bach, and modern composers.

Credit, 1 hour each semester. Prerequisite, 126.

First and second semesters. Hours to be arranged.

Mrs. LOVAN.

325, 326. Piano (formerly 324, 325, 326). Scales and arpeggios in thirds and sixths; selected technical studies; compositions by Mozart, Haydn, and others selected by the instructor; Bach two-part inventions.

Credit, 1 hour each semester. Prerequisite, 226.

First and second semesters. Hours to be arranged.

Mrs. LOVAN.

327, 328. PIANO (formerly 327, 328, 329). Continued technical studies by Heller and Czerny; Bach inventions; compositions by Haydn, Schumann, Beethoven, and modern composers.

Credit, 1 hour each semester. Prerequisite, 326.

First and second semesters. Hours to be arranged.

Mrs. Lovan.

Applied music means the practical study of voice, piano, organ, or brass and wood-wind instruments. One-half hour per week of individual instruction in these subjects plus one hour daily practice is equal to one hour credit.

The maximum amount of credit a music major can earn in one semester of applied music is two hours regardless of the number of lessons taken or the number of hours of practice.

A maximum of 8 hours credit (one hour each semester) toward other Bachelor of Arts degrees may be earned in applied music.

A special fee is charged for individual instruction in applied subjects as follows:

### PROFESSOR GROSCH.

One lesson per week (½ hour) per semester Two lessons per week (½ hour each) per semester	\$45.00 90.00
Mrs. Grosch or Mrs. Lovan. One lesson per week (½ hour) per semester	40.00
Two lessons per week (½ hour each) per semester	81.00
Professor Lakin.  One lesson per week (½ hour) per semester	25.00
Two lessons per week (½ hour each) per semester	40.00

The fees quoted are for a semester of 18 weeks including examination week. Lessons missed by the student will not be made up unless the instructor has been notified of the intended absence at least 24 hours before the regular lesson period. Lessons missed by the instructor will be made up during the semester. Lessons falling on legal or special holidays will not be made up.

## Practice Pianos

Pianos and practice rooms are for the exclusive use of students regularly enrolled in the music department. The rental rate is \$3.00 per semester for each one hour daily practice time. Hammond organ practice \$13.50 per semester.

# MUSIC DEPARTMENT ACTIVITIES

Special music for Achievement Day. Special recitals. The Spring Music Festival. Soloists, ensembles, and choral groups are used in these events. Kansas City, Missouri, 14 miles from Liberty, affords exceptional opportunities for hearing noted artists, opera, and the Kansas City Philharmonic Orchestra.

### PHILOSOPHY

The courses in philosophy are designed to give the student a thorough introduction to the field without undue emphasis upon a particular part of it. A major in philosophy must include courses 211, 212, 231, 241, 242, 312 and 9 hours from the other courses. The cognate minor shall include 16 hours of psychology, or 8 hours of psychology and 8 hours of any one of economics, history, political science, religion (other than required Bible courses), or sociology.

Ministerial students should consider courses 211, 212, 231, and 242, because many seminaries consider these prerequisites to theological study. Pre-law students should consider courses 231, 242, and 351.

209. The Making of the Modern Mind. A survey of the main streams of intellectual history, beginning with the Middle Ages and following through the Renaissance, the Age of Reason, and the Scientific Age, in order to understand the intellectual climate and outlook of the present age.

Credit, 2 hours.

First semester. T., Th. at 8:45. 102 Jewell Hall.

PROFESSOR RANSON.

210. Philosophy of Society. A systematic study of such problems as the nature and purpose of society, political authority, economic justice, race relations, and marriage and the family. Some of the great classics on these problems will be read and discussed by the class.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 102 Jewell Hall.

PROFESSOR TROTTER.

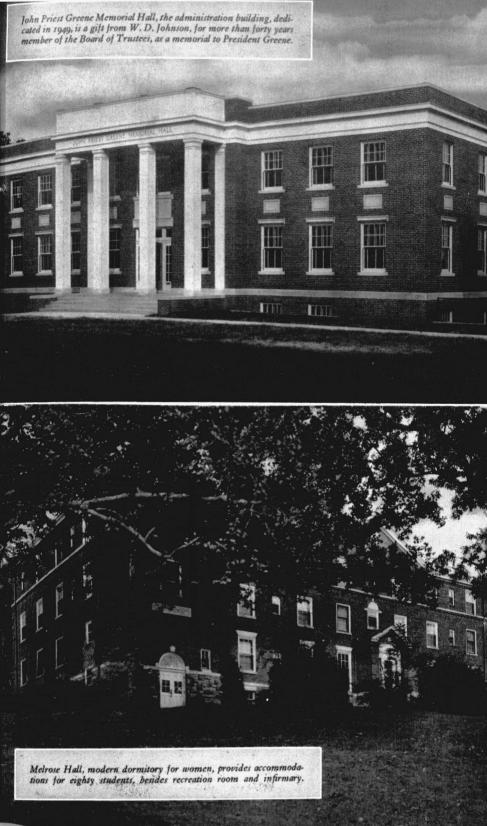
211. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. A study of the thought of Greece and Rome, early Christianity, and Europe until 1500 A.D. Attention is given to the relation of philosophy to the social, economic, and political life of these periods.

Credit, 3 hours.

First semester. M., W., F. at 7:50. 103 Jewell Hall.

PROFESSOR RANSON.

212. HISTORY OF MODERN PHILOSOPHY. An outline of the main currents of philosophical thought from 1500 to 1900 A.D. Attention is given to the relationship between philosophy and the advancement of scientific, economic, social, and political techniques.





Credit, 3 hours.

Second semester. M., W., F. at 7:50. 103 Jewell Hall.

Professor Ranson.

231. Logic (formerly 221). A study of the principles, aims, methods, and validity of reasoning. The course constitutes an introduction to formal logic and modern scientific thinking.

Credit, 2 hours.

Second semester. T., Th. at 10:20. 102 Jewell Hall.

PROFESSOR TROTTER.

241. Introduction to Philosophy (formerly 222). An introductory study of the chief problems, methods, and values of philosophy. Attention is given to the principles of building a constructive philosophy.

Credit, 3 hours.

First semester. M., W., F. at 8:45. 102 Jewell Hall.

Professor Ranson.

242. ETHICS (formerly 223). A survey of the principles and practices of human conduct. Individual and social ethics are studied from both the historical and contemporary standpoints.

Credit, 3 hours.

Second semester. M., W., F. at 8:45. 102 Jewell Hall.

PROFESSOR RANSON.

311. Philosophy of Religion (formerly 303). An investigation of the philosophical understanding of the practices and beliefs which are ordinarily associated with religion. The essence of religion and its relation to the fundamental problems of life are considered.

Credit, 3 hours.

Second semester, M., W., F. at 11:15, 102 Jewell Hall.

Professor Ranson.

312. AMERICAN PHILOSOPHY (formerly 305). A historical survey of American philosophy with special reference to the ethical, metaphysical, and religious thought which has influenced the development of democracy in the United States. Some comparisons between contemporary American and European philosophies are made.

Credit, 3 hours. Prerequisite, one year of philosophy.

Second semester. M., W., F. at 1:15. 104 Jewell Hall.

Professor Trotter.

331. RECENT PHILOSOPHY. A study of contemporary systems of philosophy: Naturalism, Idealism, Personalism, Pragmatism, Realism, Logical Positivism, and Existentialism.

Credit, 3 hours. Prerequisite 241 or 211 and 212.

First semester. M., W., F. at 11:15. 102 Jewell Hall.

PROFESSOR RANSON.

332. Types of Religious Philosophy. A survey of the types of religious philosophy which have arisen in Europe and America. Attention is given to the religious interpretations of reality which continue to shape Western civilization.

Credit, 3 hours.

First semester. M., W., F. at 1:15. 104 Jewell Hall.

Professor Trotter.

341. Epistemology. A study of the ways of knowing.

Credit, 2 hours. Prerequisite, 231 and Psychology 211.

First semester. T., Th. at 11:15. 102 Jewell Hall.

PROFESSOR RANSON.

342. Metaphysics (formerly 304). A survey of the historical attempts to understand the nature and structure of reality.

Credit, 2 hours. Prerequisite, 241 or 211 and 212.

Second semester. T., Th. at 11:15. 102 Jewell Hall.

PROFESSOR RANSON.

351. Semantics (formerly 321). An introduction to the philosophy of language, with a study of contemporary theories of the nature of meaning and its communication.

Credit, 2 hours.

First semester. T., Th. at 10:20. 102 Jewell Hall.

PROFESSOR TROTTER.

362. Philosophy of History. A study of how European and American philosophers have understood the meaning and purpose of human culture and civilization.

Credit, 3 hours.

First semester. M., W., F. at 10:20. 102 Jewell Hall.

PROFESSOR TROTTER.

371. Philosophy of Plato. A study of the thought of Plato from the reading of his major works. Alternates with 372. Given 1952-53.

Credit, 2 hours. Prerequisite, 211.

First semester. T., Th. at 7:50. 304 Jewell Hall.

PROFESSOR TROTTER.

372. Philosophy of Kant. A study of the thought of Kant from the reading of his major works. Alternates with 371- Given 1951-52.

Credit, 2 hours. Prerequisite, 212.

First semester. T., Th. at 7:50. 304 Jewell Hall.

Professor Trotter.

373. Philosophy of Aristotle. A study of the thought of Aristotle from the reading of his major works. Alternates with 374. Given 1952-53.

Credit, 2 hours. Prerequisite, 211.

Second semester. T., Th. at 7:50. 103 Jewell Hall.

PROFESSOR RANSON.

374. Philosophy of the British Empiricists. A study of the thought of Locke, Berkeley, and Hume from the reading of their major works. Alternates with 373. Given 1951-52.

Credit, 2 hours. Prerequisite, 212.

Second semester. T., Th. at 7:50. 103 Jewell Hall.

PROFESSOR RANSON.

# Offered on Demand

232. Symbolic Logic. An introduction to the modern developments of formal and mathematical logic.

Credit, 2 hours. Prerequisite, 231 or Mathematics 226.

PROFESSOR TROTTER.

352. Aesthetics (formerly 302). A study of the principles of beauty and its appreciation.

Credit, 2 hours.

PROFESSOR RANSON.

361. Philosophy of Science. An analysis of the concepts, methods, and presuppositions of science and their relations to philosophy.

Credit, 2 hours. Prerequisite, 5 hours of natural science.

Professor Ranson.

## PHYSICAL EDUCATION

Physical Education 101 and 102 are required of freshmen; 201 and 202 are required of sophomores. No degree is granted until four semesters of physical education have been completed.

INTERCOLLEGIATE ATHLETICS.

William Jewell College is a member of the Missouri College Athletic Association. Intercollegiate sports consist of football, basketball, track, baseball, tennis and golf. Participation in this program will meet the physical education requirement for the semester during which the student participates.

### 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 the 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 will be required to take a physical examination once a year. No student is permitted to participate in strenuous activities, either in class or on athletic squads under supervision of the school, without such prior physical examination.

PHYSICAL EDUCATION FOR JUNIORS AND SENIORS (not compulsory).

Juniors and seniors are invited to continue their participation in activities that have possibilities for carry-over purposes. Physical education facilities are open to leisure time participants at all times, except when classes are in session in that particular area. Through this means the department aims to provide for the average student an adequate opportunity for physical, mental, and social development with preparation for life-long interests in athletic hobbies.

# Professional Information.

Men students may take a major of twenty-four hours in the field of physical education. Women students may take a minor of sixteen hours in the field of physical education.

Practices and procedures in the field of physical education are based upon a scientific background. The lack of such a background constitutes a deficiency in the professional preparation.

In order for a student to meet the standards for certification in secondary schools in the state of Missouri he must include the following subjects:

# Group I - Orientation.

- 1. Educational Psychology.
- 2. A general orientation course, such as history or philosophy of education,

Group II - Methods.

- 1. General techniques or methods in high school teaching.
- 2. Special techniques in one teaching field.
- 3. A general administration course for teachers.

Group III — Teaching.

1. Student or apprentice teaching, five semester hours.

A physical education major is 24 hours chosen from the following: 211, 221, 222, 281, 241, 282, 391, 392, 301, 332, 322, 351, 311. (The above listed courses total more than 24 semester hours. It is suggested that students majoring in physical education take as many of the additional hours as possible.)

The following courses are required for a physical education minor: 211, 241, 281, 332, 322, 311, 301.

101, 102. REQUIRED PHYSICAL EDUCATION (formerly 101, 102, 103). Required of freshmen, men and women. This course consists of a wide variety of activities. Students will participate in three activities each semester. The following list of activities will be taught in the required physical education classes: touch football, speedball, soccer, field hockey, relays, volleyball, basketball, apparatus, tumbling, wrestling, swimming, squash, handball, archery, aerial darts, and boxing.

Credit, I hour each semester.

First and second semesters. M., W., F. at 7:50, 8:45, 11:15, and 1:15, men's classes. Brown Gymnasium.

Professor Nelson.

First and second semesters. M., W., F. at 7:50 and 11:15, women's classes. Brown Gymnasium.

MISS PARKER.

201, 202. Physical Education (formerly 201, 202, 203). Required of sophomores, men and women. Continuation of 101 and 102.

Credit, 1 hour each semester.

First and second semesters. M., W., F. at 10:20, men's classes. Brown Gymnasium.

Professor Nelson.

First and second semesters. M., W., F. at 2:10, women's classes. Brown Gymnasium.

MISS PARKER.

105, 106. THE ADAPTED PHYSICAL EDUCATION PROGRAM (formerly 104, 105, 106). No student is excused from freshman and sophomore

physical education. Through the adapted physical education program, students unable to participate in the regular required courses will be educated in the sport activities in which they are capable of participating.

Credit, 1 hour each semester.

First and second semesters. Hours to be arranged. Brown Gymnasium.

PROFESSOR PATTERSON.

211. Introduction to Physical Education. A study of the philosophy and principles, significant problems and professional outlook in physical education. This course is required of all students taking a major or minor in physical education.

Credit, 2 hours.

First semester. T., Th. at 8:45. Brown Gymnasium. Professor Nelson.

221, 222. Professional Activities (formerly 221, 222, 223). For men and women. A study of the rules and fundamentals of a wide variety of physical education activities necessary for teaching in junior and senior high school and college levels. The following is not a complete list of activities, but will indicate the wide scope of activities training, essential because skill in and knowledge of these activities constitute the actual tools of the profession: apparatus (M), tumbling, wrestling (M), boxing (M), touch football (M), speedball, softball, handball (M), squash, archery, volleyball, aerial darts, soccer, field hockey (W). This course is required of all students taking a major in physical education. The class will meet three times each week. Sophomores may meet their physical education requirement by taking this course.

Credit, 2 hours each semester.

First and second semesters. T., Th., men, 1:15. Brown Gymnasium. Professor Nelson.

First and second semesters. T., Th., women, 11:15. Brown Gymnasium.

MISS PARKER.

225. METHODS IN ELEMENTARY PHYSICAL EDUCATION. This course is concerned with the selection, organization, and direction of physical activities appropriate for elementary school students. Consideration will be given to corrective exercises, developmental 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. (Identical with Educ. 225.)

Credit, 2 hours.

Second semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

241. Intramural Athletics (formerly 241, 242, 243). A study of the objectives of intramural sports, units of competition, program of sports, methods of organizing competition, scoring, rules and regulations, and awards. Members of the class are required to assist in organizing and supervising the intramural program on the campus.

Credit, 2 hours.

First semester. T., Th. at 10:20. Brown Gymnasium.

PROFESSOR PATTERSON.

231. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. This course presents a study of the nature of man, his biological, psychological and sociological foundations; also the present progress in this field of education with a comparison of the different systems of physical education.

Credit, 2 hours.

First semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

281, 282, and 292. METHODS AND TECHNIQUE OF COACHING ATHLETIC TEAMS (formerly 301, 302, 303, 304, 305). The courses are concerned with the methods and techniques applied to first team athletics. Each course is planned and given by the staff member in charge of that sport on the William Jewell campus.

In general each course presents:

- 1. History and growth of the activity in the United States.
- 2. Its standards of sportsmanship, conditioning and training.
- 3. After school appreciation.
- 4. Preparation of athletic coaches for service in secondary schools, colleges, and universities.

Students planning to coach athletics, and those planning to major or minor in physical education, are required to take the following two courses. 281. FOOTBALL.

Credit, 3 hours.

First semester. M., W., F. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

282. TRACK AND BASKETBALL.

Credit, 2 hours.

Second semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR NELSON.

292. Golf. Individual instruction.

Credit, 2 hours.

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

PROFESSOR CLAPP.

301. TREATMENT AND CARE OF ATHLETIC INJURIES. This course deals with the fundamental training room equipment; setting up exercises for the prevention of injuries; diagnosis, treatment and care of injuries; specialized equipment for injuries and special information concerning the safety of participating athletes. This course is required of students majoring in physical education.

Credit, 2 hours.

First semester. T., Th. at 11:15. Brown Gymnasium.

Professor Nelson.

391. Physiology of Exercise. This course is a detailed consideration of the nature and significance of the processes taking place in the body during muscular exercise.

Credit, 3 hours. Prerequisite, General Biology 111.

First semester. M., W., F. at 11:15. Brown Gymnasium.

PROFESSOR PATTERSON.

392. Kinesiology. A study of the science of bodily movements. Complex muscular movements are analyzed into their simplest elements.

Credit, 3 hours. Prerequisite, 391.

Second semester. M., W., F. at 11:15. Brown Gymnasium.

PROFESSOR PATTERSON.

351. Community Recreation (formerly 251). A study of the organization and administration of recreational work for the school, playground, and the community.

Credit, 2 hours.

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

MISS PARKER.

111, 112. ELEMENTARY SWIMMING (formerly 111, 112, 113). This course is open for weak or non-swimmers. Class will meet twice each week.

Credit, 1 hour each semester.

First and second semesters. Men, M., W. at 1:15. Women, T., Th. at 3:05. Brown Gymnasium.

Men, Professor Nelson.

WOMEN, MISS PARKER.

261, 262. ADVANCED SWIMMING, LIFE SAVING AND WATER SAFETY (formerly 261, 262, 263) (Men and Women). Advanced work in all swimming strokes, speed swimming and the handling of meets. Instruction is given in techniques necessary for securing the certificate of American Red Cross Water Safety Instructor.

Credit, 1 hour each semester.

First and second semesters. T., Th. at 2:10 for women; hours to be arranged for men. Brown Gymnasium.

WOMEN, MISS PARKER.

MEN, PROFESSOR PATTERSON.

332. Organization and Administration of 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 interschool relations. This course is required of students taking a major or minor in physical education.

Credit, 3 hours.

Second semester. M., W., F. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

322. The Physical Education Curriculum. A study of the basic principles employed in the construction of a progressive curriculum in physical education for primary, elementary, junior high school, senior high school, and college level. This course is required of all students taking a major or minor in physical education.

Credit, 3 hours.

Second semester. M., W., F. at 10:20. Brown Gymnasium.

PROFESSOR PATTERSON.

311. OFFICIATING INTER-SCHOOL ATHLETIC ACTIVITIES. Interpretations of the rules and study of the mechanics of officiating seasonal sports. This course is required of all students taking a major in physical education.

Credit, 1 hour.

First semester. Hours to be arranged. Brown Gymnasium.

PROFESSOR NELSON.

#### PHYSICS

- The E. S. Pillsbury Department of Physics is desirous of serving the following five groups of students: (1) those interested in majoring in physics and who, after receiving the A.B. degree, expect to enter some graduate school to specialize in this or some other related field; (2) those who expect to become teachers of physics in some high school or college; (3) those who expect to enter some engineering school upon graduation or at the beginning of their junior year; (4) those who are majoring in related fields such as: mathematics, chemistry, biology, pre-medicine, and need certain courses in physics; and (5) those who are interested in a general knowledge of the principles and applications of the subject.
- (1) A major consists of 30 semester hours of physics including the following courses: 213, 214, 315, 316, 317, 323, and 324. Mathematics through the calculus is required as a cognate minor. Differential equations, advanced calculus, and analytical mechanics are recommended as are general chemistry, and physical chemistry. Sixteen hours of a foreign language are required. German or French is recommended and is required for those expecting to do graduate work in physics.

A minor shall consist of 16 semester hours, including courses 213, 214, and six hours in courses numbered 300 or above.

- (2) Fifteen semester hours of physics meet the minimum requirement for teaching in Missouri high schools; however, a major as listed above is recommended. Those expecting to become college teachers should plan to enter some graduate school after receiving the A.B. degree.
- (3) 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.

- (4) 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.
- (5) Courses III and II2 are primarily for those students who want a full year's study of the principles and applications of physics. Course IOI is primarily for those students desiring a broad cultural background in physics. This course meets the general education requirement in physics, but does not count toward a major or minor in physics.
- 101. Introduction to Physics. The place of physics in our modern civilization. This course is primarily for those students desiring a broad cultural background in physics with emphasis on the relationship of physics to our everyday environment.

Credit, 5 hours.

Offered each semester. M., T., W., Th. at 11:15. One laboratory per week, 2 hours. M., T., W., or Th. at 2:10-4:00. Marston Hall.

Professor Morrow.

TII. COLLEGE PHYSICS. The general principles of mechanics, properties of matter, heat, and sound, together with a discussion of some of the practical applications. Problem and laboratory work are emphasized as aids to grasping the basic principles. Some familiarity with high school algebra and geometry is presupposed. Text: College Physics, Black.

Credit, 5 hours. For freshmen.

First semester. M., T., W., Th. at 10:20. One laboratory period per week, 2 hours. M. or W. at 2:10-4:00. Marston Hall.

PROFESSOR MORROW.

112. College Physics. The general principles of magnetism, electricity, and light, together with a discussion of some of their practical applications. Problem and laboratory work are emphasized. Text: College Physics, Black.

Credit, 5 hours.

Second semester. M., T., W., Th. at 10:20. One laboratory period per week, 2 hours. M. or W. at 2:10-4:00. Marston Hall.

Professor Morrow.

213. General Physics. Calculus must be taken prior to or concurrently with this course. Course includes mechanics, sound, and heat. Text: College Physics, Sears and Zemansky.

Credit, 5 hours. Co-requisite, calculus.

First semester. Lectures, M., T., Th., F. at 1:15. One laboratory period a week, 2 hours. W. 1:15-3:05. Marston Hall.

PROFESSOR HILTON.

214. General Physics. Includes electricity, magnetism, electronics, light, and modern physics. Text: *College Physics*, Sears and Zemansky. Credit, 5 hours. Co-requisite, calculus.

Second semester. Lecture, M., T., Th., F. at 1:15. One laboratory period per week, 2 hours. W. 1:15-3:05. Marston Hall.

PROFESSOR HILTON.

211. Meteorology. A beginning course in the study of weather. Text: Weather Elements, Blair.

Credit, 2 hours. Prerequisite, 101 or 111.

First semester. Lecture, T., Th. at 11:15. 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.

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

Second semester. Lecture, T. at 11:15. Six hours of laboratory per week.

PROFESSOR HILTON.

323. LIGHT AND OPTICS. An advanced course in light. Course includes a study of lenses, reflectors, prisms, spectrometers, ruled gratings, spectra, interferometers, diffraction, polarization, and electromagnetic theory of light. Text: *Optics*, Sears, Third Edition.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226. First semester. Lecture, M., W., F. at 11:15. Marston Hall.

PROFESSOR HILTON.

333. Light and Optics Laboratory. To follow or accompany Physics 323.

Credit, 1 or 2 hours.

First semester. Three hour laboratory per week for each credit hour. T., Th. at 7:50-9:40 and one hour to be arranged. Marston Hall. Professor Hilton.

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: Particles of Modern Physics, Stranathan.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226. Second semester. Lecture and laboratory, M., W., F. at 11:15. Marston Hall.

PROFESSOR HILTON.

336. Atomic Physics Laboratory. To follow or accompany Physics 316.

Credit, 1 or 2 hours.

Second semester. Three hour laboratory per week for each credit hour. T., Th. at 7:50-9:40 and one hour to be arranged. Marston Hall. Professor Hilton.

315. ELECTRICITY AND MAGNETISM. Electrostatics, magnetism, potential, electric circuits, resistance, capacity, inductance, and principles of generation of electricity. Text: *Electricity and Magnetism*, Gilbert, Third Edition. Not offered 1951-52.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226. First semester. Lecture, M., W., F. at 8:45. Marston Hall. Professor Hilton.

317. Sound and Acoustics. Course includes vibratory motion, transverse waves, longitudinal waves, interference, beats, combination tones, intensity of sound, resonance, hearing and architectural acoustics. Text: Sound Waves and Acoustics, Colby.

Credit, 3 hours. Prerequisite, Physics 214 and Mathematics 226. Second semester. Lecture, M., W., F. at 8:45. Marston Hall. Professor Hilton.

337. Electro-Acoustical Measurements. To follow or accompany Physics 317.

Credit, 1 hour.

Second semester. Three hours laboratory per week, T. at 7:50-9:40 and one hour to be arranged. Marston Hall.

PROFESSOR HILTON.

324. ELECTRICAL MEASUREMENTS. Course includes 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, Gregg, Hammond, Frost.

Credit, 2 hours. Prerequisite, 315.

First semester. Six hours laboratory per week. T., Th. at 7:50-9:40, one hour to be arranged. Marston Hall.

PROFESSOR HILTON.

331, 332. Special Problems. 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.

Professor Hilton.

### ENGINEERING DRAWING

105. Engineering Drawing. Use of instruments, lettering, geometric curves, inking, tracing, orthographic and isometric projections. Text: *Technical Drawing*, Giesecke, Mitchell, and Spencer.

Credit, 2 hours. Prerequisite, plane geometry.

First semester. M., W., or T., Th. at 2:10. Marston Hall.

Professor Morrow.

106. Engineering Drawing. Technical sketching, dimensioning, standards, conventions, detail, and assembly drawings. Text: *Technical Drawing*, Giesecke, Mitchell, and Spencer.

Credit, 2 hours. Prerequisite, 105.

Second semester. M., W., or T., Th. at 2:10. Marston Hall.

Professor Morrow.

205. Descriptive Geometry. The four basic problems emphasizing the orthographic projection of the point, line, plane, and solid. Intersections, developments, shades and shadows, perspective drawing. Text: *Technical Descriptive Geometry*, Wellman.

Credit, 3 hours. Prerequisite, 106.

First semester. M., W. at 1:15, or by arrangement. Marston Hall. Professor Morrow.

206. Engineering Drawing. Pictorial representation, machine drawings, engineering maps, elements of structural drawing, blueprints, patent drawings. Text: *Technical Drawing*, Giesecke, Mitchell, and Spencer.

Credit, 2 hours. Prerequisite, 106.

Second semester. M., W., or T., Th. at 2:10. 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.

Credit, 2 hours.

Second semester. M., W. at 1:15. Marston Hall.

Professor Morrow.

## POLITICAL SCIENCE

At present there is offered only a minor in political science, which students may wish to choose as cognate to a major in History or Business Administration. Closely allied courses are Economics 302 and 311.

201. NATIONAL GOVERNMENT OF THE UNITED STATES. Constitutional and extra-constitutional developments of the Federal Government; structure and function of the executive, legislative, and judicial departments; distinctive features of the American experiment in federal democracy; expansion of federal authority; status and responsibility of the citizen. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. American History should precede or be taken con-

currently. Freshmen not admitted.

First semester. M., W., F. at 8:45. 205 Jewell Hall.

PROFESSOR BEATTY.

212. STATE AND LOCAL GOVERNMENT. A comparison of the government in the states on various levels, state, county, and local; the increasing role of cooperation among the states and with the federal government; growing complexity and cost, and participation of the citizenry, as the functions of government expand. Offered in alternate years. Not given in 1951-52.

Credit, 2 hours. Students should be familiar with the history of the

United States. Freshmen not admitted.

Second semester. T., Th. at 8:45. 205 Jewell Hall.

PROFESSOR BEATTY.

202. Public Administration in the United States. A study of the problems of administration of government in a democracy; emphasis upon administrative policies, organization and functions of administration, problems of personnel management and the nature of services rendered by government to the people while preserving the essentials of democracy. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. Course 201 or 212 should precede. Freshmen not admitted.

Second semester. M., W., F. at 11:15. 205 Jewell Hall.

PROFESSOR BEATTY.

321. Parties and Elections. A study of the political parties in the United States, as an extra-constitutional development; popular organization for campaigns and elections for control of legislation; some comparison made with parties and their activities in other countries. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Freshmen not admitted.

First semester. M., W., F. at 11:15. 205 Jewell Hall.

PROFESSOR BEATTY.

331. Comparative Government (nearly equivalent to former course 207). Constitutional organization and operation of the principal European governments, with some attention to those evolving in Russia, Japan, and China; comparisons with American political institutions; special attention to varied ideologies and experimental trends. Offered in alternate years. Not given in 1951-52.

Credit, 2 hours. Freshmen not admitted.

First semester. T., Th. at 11:15. 205 Jewell Hall.

PROFESSOR BEATTY.

322. World Government and Politics. After a brief survey of earlier efforts toward world order, the League of Nations and later international conferences are studied. Influence of power politics; plans for world government with special stress upon the United Nations Charter and probable success in maintaining global peace with justice. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Freshmen not admitted.

Second semester. M., W., F. at 11:15. 205 Jewell Hall.

PROFESSOR BEATTY.

392. POLITICAL THEORY. The main currents of political thought from Plato to the present. The theories associated with the Greek city state, the Roman Empire, medieval constitutionalism, early modern absolutism and the rise of modern liberal democracy; American political thought; socialist and fascist thought and recent challenges to democracy. Offered in alternate years. Given in 1951-52.

Credit, 2 hours.

Second semester. T., Th. at 7:50. 205 Jewell Hall.

PROFESSOR BEATTY.





The Football Squad of 1950, which brought to William Jewell the championship of the Missouri College Athletic Union, under the leadership of Coach Norris A. Patterson.

The William Jewell Band, an important feature in athletics and other student activities. Professor Edward D. Lakin, director.



## PSYCHOLOGY AND EDUCATION

STAFF:

Professor Isley Miss Chiles
Professor Thomas Mr. Groves
Professor Holzapfel Miss Decker

The aim of the courses in education is two-fold. First, the preparation of secondary school teachers, as well as elementary teachers. Second, the preparation of students to pursue graduate study in the universities.

The division of psychology offers two series of courses. First, foundation courses designed to prepare students for graduate work in universities and professional work within the field of psychology. Second, general courses designed to prepare students for work in areas related to psychology.

#### **PSYCHOLOGY**

A major in psychology consists of thirty-six semester hours including courses 211, 212, 219, 220, 221, 302, 303, 307, 308, Ed. 317, 318 and 3 hours of Psychology electives. Psychology 305 and 306 may be counted toward a major in either Psychology or Business Administration. The cognate minor may be either sixteen hours in education, sociology, or economics, or eight hours each from any two of the following: education, sociology, economics, or philosophy. Students preparing for graduate school are encouraged to take Biology 111 and either French or German.

211. General Psychology. It is the purpose of this course to give a general introduction to the main elements, facts, and methods of psychology. There is a consideration of sensory processes, perception, personality and individual differences, and other related topics. Freshmen are admitted.

Credit, 3 hours.

First semester. M., W., F. at 7:50, 102 Jewell Hall; and 10:20, 203 Jewell Hall.

212. EDUCATIONAL PSYCHOLOGY (formerly 214). This is a continuation of Psychology 211. A study is made of the basic facts and principles of the learning process. There will be an introduction to the concept of intelligence, the principles of psychological testing, and correlates of learning and memory. This course, together with Psychology 211, constitutes the basis for further work in Psychology and Education. Freshmen may be admitted.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 7:50, 102 Jewell Hall; and 10:20, 203 Jewell Hall.

213. APPLIED PSYCHOLOGY. A study of the applications of the principles of general psychology to the various fields of work. A few of the topics that will be treated in this course are: psychology in industry, personnel selection and management, advertising and selling, and the professions.

Credit, 3 hours. Prerequisite, 211 and 212.

First semester. M., W., F. at 11:15. 201 Jewell Hall.

219. Developmental Psychology. A study of the physical, mental, social, and emotional development of the individual, from birth to death. Attention will be given to characteristics of growth in each stage of development.

Credit, 3 hours. Prerequisite, 211 and 212.

First semester. M., W., F. at 7:50 and 10:20. 201 Jewell Hall.

220. Psychology of Social Behavior (formerly 217). A study of the social behavior of the individual with special emphasis on the way in which he perceives his world and adjusts to its demands.

Credit, 3 hours. Prerequisite, 219.

Second semester. M., W., F. at 11:15. 201 Jewell Hall.

221. EXPERIMENTAL PSYCHOLOGY. An introduction to the experimental problems and methods of psychology. Special emphasis is placed on the mastery of controlled investigational techniques. Two hours of lecture and four hours of laboratory. Students should have taken Ed. 317.

Credit, 4 hours. Prerequisite, 211 and 212.

First semester. Lecture M. at 1:15; laboratory T., Th. or W., F. at 1:15-3:30. 201 Jewell Hall.

300. Introduction to Clinical Psychology. A clinical approach to personality and conduct problems of childhood and adolescence.

Credit, 3 hours. Prerequisite, 211 and 212.

Second semester. M., W., F. at 10:20. 201 Jewell Hall.

302. MENTAL HYGIENE. A course designed to assist the student of psychology to understand mental mechanisms utilized by normal individuals and to evaluate causes and treatments of mental disturbances.

Credit, 3 hours. Prerequisite, 211 and 212.

Second semester. M., W., F. at 8:45 and 11:15. 201 Jewell Hall.

303. Abnormal Psychology. A study of behavior disorders, their symptoms, psychodynamics, and treatment. Topics to be studied include war neurosis, amnesia, compulsive and obsessive reactions, hysteria, manic-depressive reactions, schizophrenia, and organic psychoses.

Credit, 3 hours. Prerequisite, 211, 212, and 302.

First semester. M., W., F. at 11:15. 101 Jewell Hall.

305. Psychology of Advertising. A course designed to study the application of psychological principles to the field of advertising. Credit toward a psychology or an economics and business administration major.

Credit, 2 hours. Prerequisite, 211 and 212.

First semester. T., Th. at 10:20. 304 Jewell Hall.

306. Personnel Problems and Practices. A course designed to give the student fundamental knowledge of current problems and practices in personnel work, such as testing of employees, training, merit rating techniques, job analysis, safety, and morale problems.

Credit, 2 hours. Prerequisite, 211 and 212.

Second semester. T., Th. at 10:20. 304 Jewell Hall.

307. Personality. A study of present-day approaches to development, structure, and measurement of personality.

Credit, 3 hours. Prerequisite, 211, 212, 219, 220, 302, and 303.

First semester. M., W., F. at 8:45. 104 Jewell Hall.

308. Systems and History of Psychology. A study of history and development of modern psychology with particular attention to the major systems of thought within the fields.

Credit, 3 hours. Prerequisite, 211, 212, 219, 220, 221, 302, 303, and 307.

Second semester. M., W., F. at 8:45. 104 Jewell Hall.

310. Psychology of Individual Differences. A study of the factors in the causation of individual differences, such as age, sex, race and nationality, physical traits, family heredity, and environment.

Credit, 3 hours. Prerequisite, 211 and 212.

Second semester. M., W., F. at 10:20. 201 Jewell Hall.

311. Physiological Psychology. A study of the physiological aspects of psychology. There will be a detailed study of the function of nerve and the anatomy of the nervous system.

Credit, 3 hours. Prerequisite, 211, 212, and 221.

First semester. M., W., F. at 2:10. 201 Jewell Hall.

- 327. VOCATIONAL AND EDUCATIONAL GUIDANCE (Identical with Education 327.)
- 329. Psychology of Childhood. This course will include a study of the growth and development of the child from infancy to early adolescence. Emotional and social development of the child will be studied as well as personality traits of childhood and their influence on later life. Offered in alternate years. Given in 1951-52.

Credit, 3 hours. Prerequisite, 211, 212, 219, and 220. First semester. M., W., F. at 1:15. 202 Jewell Hall.

331. Adolescent Psychology (formerly 330). A study of the physical, mental, social and emotional changes during adolescence, with special emphasis on the implications of these changes for those who work with youth. Offered in alternate years. Not given in 1951-52.

Credit, 3 hours. Prerequisite, 211, 212, 219, 220, and 329.

First semester. M., W., F. at 1:15. 202 Jewell Hall.

338. Occupational Information. (Identical with Education 338).

401, 402. Readings in Psychology. A supervised reading course in the classics of psychology. May be taken either or both semesters.

Credit, 2 hours each semester. Prerequisite, completion of or enrollment in courses leading to a psychology major.

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

421. Seminar in Advanced Psychology. Advanced students who fulfill scholarship requirements will meet for reports and discussion of contemporary trends and problems in psychology. Limited to senior students. Credit for this seminar may not be counted toward completion of a major in psychology.

Credit, 1 hour. Prerequisite, completion of or enrollment in final courses leading to psychology major.

First semester. M. from 3:05 to 4:30. Jewell Hall. STAFF.

422. Seminar in Advanced Psychology. Continuation of 421. Credit, 1 hour. Prerequisite, completion of or enrollment in final courses leading to psychology major.

Second semester. M. from 3:05 to 4:30. Jewell Hall. STAFF.

### **EDUCATION**

Psychology 211, 212, Education 322, 317, 315, 316, 320, 318, and two of the following: Psychology 327, 303, 302, or 307 form a major in

secondary education. The student with a major in secondary education may take his minor of 24 hours in any other department. Students who are taking a major in some other field, but desire a minor in education should take sixteen hours from the following courses: Psychology 212, Education 315, 316, 317, 320, 322, 327.

In addition to the work in Secondary Education, the department offers the A.B. degree with a major in Elementary Education, and provides courses to satisfy the requirements of the State of Missouri for the 60-hour and the 120-hour certificate.

A major in Elementary Education consists of the following courses: Psychology 211, 212, 300, 329; Education 105, 106, 128, 317, 318, 322, 327.

The cognate minor for Elementary Education may be 24 hours in any department other than Education, but the student may, if he prefers, choose a divisional minor (Communications, Mathematics and Natural Sciences, Social Sciences, or Humanities. See p. 41) consisting of not less than 12 hours in each of two departments, or he may choose twelve hours each in English and Social Studies.

317. EDUCATIONAL TESTS AND MEASUREMENTS (formerly 318 and 318a). A study of the formation, standardization, and application of educational tests with special reference to the use of these tests in public school systems. Actual practice is provided for training the student in the use of simple statistical procedure.

Credit, 3 hours. Prerequisite, Psych. 212.

First semester. M., W., F. at 8:45. 202 Jewell Hall.

318. INTELLIGENCE TESTING (formerly 329). This course deals with the techniques of group and individual testing with emphasis on the Binet procedure. Also a study of the uses to be made of results in the classification and treatment of pupils. Classroom demonstrations in giving the test. Actual practice in giving, scoring, and interpreting the results.

Credit, 2 hours. Prerequisite, 317.
Second semester. T., Th. at 8:45. 202 Jewell Hall.

315. Technique of Teaching in High Schools (formerly 314). 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, 3 hours. Prerequisite, Psych. 212.

First semester. M., W., F. at 10:20. 202 Jewell Hall.

316. High School Administration (formerly 315). 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, 3 hours. Prerequisite, 315.

Second semester. M., W., F. at 10:20. 202 Jewell Hall.

320. Extra-Curricular Activities in the Secondary School (formerly 319). This course is designed to provide a general survey of the organization of the extra-curricular activities of the high school. Topics to be studied include school and class organization; school clubs; school publications; fraternities and sororities; student participation in school control.

Credit, 2 hours. Freshmen not admitted.

Second semester. T., Th. at 10:20. 202 Jewell Hall.

341. Teaching the Social Studies in the Secondary School (formerly 342). Developments in the teaching of social studies; aims and methods; problems of grading; use of tests. Open only to those preparing to teach social science.

Credit, 2 hours. Prerequisite, 315.

First semester. Hours to be arranged. 202 Jewell Hall.

340. Teaching Science in the Secondary Shoool. It is the purpose of this course to acquaint the student with methods in the classroom and laboratory; objectives, selection and organization of subject matter; uses of various kinds of tests and measures in evaluating pupil's progress. Open only to those preparing to teach science.

Credit, 2 hours. Prerequisite, 315.

Second semester. Hours to be arranged. 202 Jewell Hall.

342. Teaching English in the Secondary School (formerly 341). A practical course in methods of teaching the various phases of secondary school English. Surveys of recent professional publications in the field. Open only to those preparing to teach English.

Credit, 2 hours. Prerequisite, 315.

Second semester. Hours to be arranged. Jewell Hall.

323. Practice Teaching. After preliminary observation, the student under the direction of the supervisor, assumes the responsibility for the teaching of a high school class. The work will be planned for any students for the subject and hour which suits best so far as this can be done. Consent of the department required.

Credit, 5 hours. Prerequisite, 315. First or second semester.

322. HISTORY AND PHILOSOPHY OF EDUCATION (formerly 321, 321a, and 322). It is the purpose of this course to acquaint the student with the development of educational theory and practice from its early history. The educational systems of the Greeks and the Romans will be studied. Attention will be given to education during the Middle Ages, and to influences and personalities that have contributed to the development of modern education. Also attention will be given to the historical development of education in the United States.

Credit, 3 hours. Freshmen not admitted. Second semester. M., W., F. at 7:50. 201 Jewell Hall.

346. Teaching Mathematics in the Secondary School (formerly 343). This course is designed to help prospective teachers solve in the best possible way problems every teacher of mathematics must consider. Topics: methods; objectives; tests and measurements; and ways of making the subject more understandable and interesting. Open only to those preparing to teach mathematics.

Credit, 2 hours. Prerequisite, Education 315. Second semester. T., Th. hours to be arranged. Given by the Mathematics Department.

344. Teaching Foreign Languages in the Secondary School. The purpose of this course is to give 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.
GIVEN BY THE FOREIGN LANGUAGE DEPARTMENT.

327. VOCATIONAL AND EDUCATIONAL GUIDANCE (formerly 328). It is the purpose of this course to give the student an acquaintance with the methods and materials of vocational and educational guidance. Such topics will be treated in the course as the following: development of the vocational guidance movement, methods in vocational guidance, use of tests in guidance, occupational information, vocational choices,

educational guidance and the high school teacher's responsibility for guidance.

Credit, 3 hours. Prerequisite, Psych. 211 and 212. First semester. M., W., F. at 1:15. 102 Jewell Hall.

338. Occupational Information. This course is designed to enable students to collect, study and disseminate occupational information. It includes the study of occupational trends and of major occupational fields, including the professions, and of working conditions to which people must adjust themselves.

Credit, 2 hours. Prerequisite, 327.

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

348. Teaching of Speech. Identical with Speech and Dramatics 348. Given on Demand.

Credit, 2 hours.

Hours to be arranged. Jewell Hall.

380. Teaching Music in the Secondary School. Identical with Music 380.

Credit, 2 hours. Prerequisite, Education 315. Juniors or Seniors.

Second semester. Hours to be arranged.

GIVEN BY THE MUSIC DEPARTMENT. Gano Chapel.

105. Techniques of Teaching in Elementary Education. Study of problems, techniques, and materials in the improvement of instruction in elementary school. Community and parent-teacher-pupil relationship.

Credit, 3 hours. Prerequisite Psych. 212.

First semester. M., W., F. at 10:20. 304 Marston Hall.

136. 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 for selecting materials with reference to interests, needs, and abilities of children at different age levels. (Identical with English 136.)

Credit, 2 hours.

First semester. T., Th. at 10:20. 304 Marston Hall.

310. Supervised Practice Teaching in Elementary Grades. Following observation, the student under the direction of the supervisor, assumes responsibility for teaching a class in elementary grades. The work will be planned for students for the time which suits best so far as this can be done. Consent of department required.

Credit, 5 hours. Prerequisite, 105.

First or second semester. Hours to be arranged.

108. Public School Art for Primary Grades. Problems and procedures of art teaching and supervision in primary grades with particular attention to creative abilities and crafts.

Credit, 2 hours.

First semester. T., Th. at 11:15. 101 Jewell Hall.

107. Public School Music for Primary Grades. A study of the objectives, materials, subject matter, and methods of teaching music in primary grades. Emphasis on creative expression and appreciative listening to good music.

Credit, 2 hours.

First semester. T., Th. at 8:45. 104 Jewell Hall.

128. ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT. A study of the organization of our public school system and classroom management as it is applied to rural and elementary schools.

Credit, 3 hours.

Second semester. M., W., F. at 10:20. 304 Marston Hall.

106. Teaching of Reading. The aim of this course is to acquaint the student with the place of reading in child life and its guidance from the beginning through adolescence in accordance with present-day understanding of children and trends in curriculum development.

Credit, 3 hours.

Second semester. M., W., F. at 8:45. Jewell Hall.

207. Public School Music for Intermediate Grades. A study of the objectives, materials, subject matter, and methods of teaching music in intermediate grades. Emphasis on appreciation and participation in good music.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 104 Jewell Hall.

208. Public School Art for Intermediate Grades. Study of art in relation to other subjects. This course is designed with special reference to intermediate grades.

Credit, 2 hours.

Second semester. T., Th. at 11:15. 101 Jewell Hall.

203. Economic Geography. (Identical with Economics 203.) Credit, 2 hours.

First semester. T., Th. at 8:45. 303 Jewell Hall.

PROFESSOR ROBB.

109. ARITHMETIC FOR TEACHERS. A professionalized subject matter course, combining a thorough review of arithmetic as taught in the elementary school and of approved methods of teaching. (Identical with Math. 109.)

Credit, 2 hours.

First semester. T., Th. at 7:50. 214 Marston Hall.

Professor Jones.

225. METHODS IN ELEMENTARY PHYSICAL EDUCATION. (Identical with Physical Education 225.)

Credit, 2 hours.

Second semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

#### RELIGION

The courses in Religion are basic courses designed for all college students. They are not professional courses for ministerial students to take the place of studies in a Theological Seminary or a Divinity School.

A major in this department must include courses 111, 112, 121, 122, 231, 232, 351, 352. The cognate minor shall include 16 hours in either Sociology or Economics, or 8 hours in each. It must also include one year of New Testament Greek taken after two years of college Greek.

111. BIBLE HISTORY (formerly 101a and 102a). The aim of this course is to give the student a working knowledge of Bible history. In the first semester attention is given to background materials and to Old Testament history. Texts: The Bible; A Syllabus for the Study of Old Testament; The Heart of Hebrew History, Hester; library references.

Credit, 2 hours. Required for graduation.

First semester. T., Th. at 7:50. 203 Jewell Hall. T., Th. at 1:15; W., F. at 11:15. 204 Jewell Hall.

PROFESSOR HESTER.

112. BIBLE HISTORY (formerly 103a). This semester is devoted to the study of the Interbiblical period and the New Testament. Texts: The Bible; A Syllabus for the Study of the New Testament; The Heart of the New Testament, Hester; library readings.

Credit, 2 hours. Required for graduation.

Second semester. T., Th. at 7:50. 203 Jewell Hall. T., Th. at 1:15; W., F. at 11:15. 204 Jewell Hall.

PROFESSOR HESTER.

121. LIFE AND TEACHINGS OF JESUS. A careful study of the principal events in the life of Jesus. Some attention will be given to the teachings of Jesus also. Texts: A Harmony of the Gospels, Robertson; The Christ of the Gospels, Shepard; library references.

Credit, 3 hours. Freshmen are admitted to this course. First semester. M., W., F. at 10:20. 204 Jewell Hall. PROFESSOR CLAPP.

122. LIFE AND LETTERS OF PAUL (formerly 109). Paul and his writings will be studied in the context of the developing Christian community. Texts: The Bible; The Life, Letters and Religion of St. Paul, Wood; library references.

Credit, 3 hours. Freshmen are admitted to this course. Second semester. M., W., F. at 10:20. 204 Jewell Hall. PROFESSOR CLAPP.

231. History of the Church (formerly 231 and 232). A rapid survey of Christian history through the Reformation. Text: A History of the Christian Church, Qualben; library references.

Credit, 3 hours. Prerequisite, one course in college history. First semester. M., W., F. at 8:45. 204 Jewell Hall. PROFESSOR CLAPP.

232. HISTORY OF AMERICAN CHRISTIANITY (formerly 233a). A survey of Christianity in America with attention to denominational development. Text: The Story of Religion in America, Sweet; library references.

Credit, 3 hours. Prerequisite, 231, or one course in college history. Second semester. M., W., F. at 8:45, 204 Jewell Hall. Professor Clapp.

151. Urban Churches (formerly 144). A study of the different types of urban churches with suggestions for making their administration and public worship more efficative. Library references. Offered in alternate years only. Given in 1951-52.

Credit, 2 hours.

First semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR CLAPP.

152. Rural Churches (formerly 145). The characteristic problems and programs of rural and village churches with attention to part-time pastorates will be emphasized in this course. Alternates with 151. Not given in 1951-52. Texts: The Church Ministering to Rural Life, Cain; The Church in Our Town, Smith.

Credit, 2 hours.

Second semester. T., Th. at 11:15. 204 Jewell Hall.

PROFESSOR CLAPP.

141. Introduction to Religious Education. This course will emphasize the distinctive principles and aims of Christian education within the local church as well as in the larger life of the Christian. Text: A Survey of Religious Education, Price, Tibbs, and Carpenter; library references.

Credit, 2 hours.

First semester. T., Th. at 11:15. 204 Jewell Hall.

PROFESSOR CLAPP.

233. HISTORY OF THE BAPTISTS. Particular attention is given to the rise of the American Baptists. European background is also surveyed. Text: (to be announced).

Credit, 2 hours.

First semester. T., Th. at 10:20. 204 Jewell Hall.

PROFESSOR CLAPP.

252. HISTORY OF CHRISTIAN MISSIONS. A rapid survey of Christian missions from the first century to the present. Text: (to be announced); library references.

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 204 Jewell Hall.

PROFESSOR CLAPP.

351. The Religions of Mankind (formerly 251). A survey of the major religions of the world, past and present. Text: *The Religions of the World*, Barton; library references.

Credit, 3 hours.

First semester. M., W., F. at 7:50. 204 Jewell Hall.

PROFESSOR CLAPP.

352. PROPHETIC RELIGION. The Hebrew writing prophets through the 7th century B.C. will be studied with special attention to the development of ethical monotheism. This course alternates with 354. Not given in 1951-52. Bible and library references.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR CLAPP.

354. Christian Ethics. The theory and practice of Christian ethics will be studied, with particular attention to its contemporary relevance. Text: *Christian Ethics*, Knudson. This course alternates with 352. Given in 1951-52.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR CLAPP.

## SACRED MUSIC

The courses offered in the Department of Sacred Music have a two-fold purpose; first, to prepare students in the field of chorus and choir directing and organizing; second, to provide ministerial students or those who plan any kind of religious educational work or service with a working knowledge of the different kinds of sacred music.

A major in sacred music consists of 12 hours of voice, 4 hours of piano, (courses 125 to 226 inclusive), or 8 hours of voice, 4 hours of piano (131, 132), 4 hours of organ (251, 252), 8 hours of theory, 4 hours of history of music, 2 hours of sight-singing and ear-training, 2 hours of keyboard harmony, 2 hours of hymnology, 2 hours of adult and junior choir methods, 2 hours of glee club, 2 hours of chapel choir.

Each half hour individual instruction in voice, piano or organ plus one hour daily practice is equal to one hour credit.

101, 102. Theory I (formerly 101, 102, 103). Fundamentals of music. Major and minor scales, tone relationships, music notation, study of melody, rhythm and simple harmonic progressions including the use of triads and principal seventh chords.

Credit, 2 hours each semester.

First and second semesters. M., Th. at 1:15.

Professor Grosch.

201, 202. Theory II (formerly 201, 202, 203). Continuation of Theory I. Secondary seventh chords, dominant and secondary ninth chords, modulation, transition, and introduction to creative writing. This course and History of Music 211, 212 may be taken concurrently.

Credit, 2 hours each semester.

First and second semesters. M., Th. at 11:15.

Professor Grosch.

211, 212. HISTORY OF MUSIC (formerly 211, 212, 213). The origin of music, its early development; monody; the Middle Ages; the Renaissance; the Baroque Epoch; Eighteenth Century music; the Romantic Period; Wagner; impressionistic music; the Twentieth Century. This course and Theory II may be taken concurrently.

Credit, 2 hours each semester.

First and second semesters. T., F. at 11:15.

PROFESSOR GROSCH.

III, II2. Women's Glee Club (formerly II0, III, II2).

Credit,  $\frac{1}{2}$  hour each semester, allowed only upon completion of the second semester.

First and second semesters. T., Th. at 4:00.

105, 106. MEN'S GLEE CLUB (formerly 104, 105, 106).

Credit,  $\frac{1}{2}$  hour each semester, allowed only upon completion of the second semester.

First and second semesters. T., Th. at 4:00.

PROFESSOR GROSCH.

207, 208. THE CHAPEL CHOIR (formerly 207, 208, 209).

Membership in the glee club and chapel choir is required of all sacred music majors and is open to all regularly enrolled students of the college subject to successful passing of vocal examinations.

Credit, ½ hour each semester, allowed only upon completion of the second semester.

First and second semesters.

The following four courses may be taken concurrently.

215, 216. HYMNOLOGY (formerly 215, 216, 217). A study of hymns and hymn writers; the place of the hymn in the worship service; analysis of the elements constituting good hymns; critical study of published hymnals.

Credit, 1 hour each semester. Prerequisite, 101, 102.

First and second semesters. M. at 2:10.

PROFESSOR GROSCH.

219, 220. CHORUS AND CHOIR CONDUCTING (formerly 218, 219, 220). Organization; voice fundamentals; classification of voices; study of anthems; chanting; the rehearsal; the child voice; tone and material suitable for children's choirs.

Credit, 1 hour each semester. Prerequisite, 101, 102. First and second semesters. Th. at 2:10. Professor Grosch.

221, 222. SIGHT-SINGING AND EAR-TRAINING (formerly 221, 222, 223). Intervals; chord patterns, major, minor, and chromatic scales; dictation and rhythmic exercises.

Credit, 1 hour each semester. Prerequisite, 101, 102.

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

Professor Grosch.

227, 228. Keyboard Harmony (formerly 227, 228, 229). Practical work at the keyboard; all scales; chord formations; progressions; cadences; and modulations.

Credit, 1 hour each semester. Prerequisite, 101, 102.

First and second semesters. F. at 2:10.

Professor Grosch.

Additional courses may be elected from subjects offered in the Department of Music.

## Fees and Regulations

See Department of Music for all applied music instruction fees, practice room fees, departmental rules and activities.

#### SOCIOLOGY

Students intending to major in sociology should take Psychology 211 in their freshman year. It is further advised that they take General Biology. A major consists of 24 semester hours, which must include courses 211, 212, 214, and 325. Credit for course 214, however, identical with Mathematics 216, will not apply toward the hours required in sociology. The cognate minor includes at least eight hours each in any two of the following: economics, history, political science, psychology, philosophy.

The following courses are offered in 1951-52: 211, 212, 214, 321, 323, 325, 326, 328, 421, 422, 424, 426.

211. Introduction to Sociology (formerly 201). A general introduction to the study of society with particular emphasis upon, (1) the general pattern of society and the way our social institutions function within this pattern; (2) social forces and processes at work, and the problems arising from their operation.

Credit, 5 hours. For sophomores.

First semester. M., T., W., Th., F. at 7:50. 104 Jewell Hall.

PROFESSOR SMITH.

212. Social Psychology (formerly 202). A study of the way in which personality and group life are built up and function, with special emphasis upon the relation of the individual to his society. Inquiry is made into why people behave as they do and whether anything can be done to change behavior.

Credit, 3 hours. Prerequisite, Sociology 211, Psychology 211, or

consent of the instructor.

Second semester. M., W., F. at 7:50. 104 Jewell Hall.

Professor Smith.

214. Statistics. A study of statistical methods and their application to social problems. Identical with Mathematics 216.

Credit, 3 hours.

Second semester. M., W., F. at 11:15. Marston Hall.

PROFESSOR LAFRENZ.

321. Social Problems. (Formerly Social Organization and Disorganization). An analytical study of major social problems. Emphasis is given first to the concept of social organization and disorganization. This is followed by a study of the basic problems arising from disorganization with emphasis on practical, or applied, sociology.

Credit, 3 hours. Prerequisite, 211 and 212, or consent of instructor. First semester. M., W., F. at 10:20. 104 Jewell Hall.

PROFESSOR SMITH.

323. Rural Sociology (formerly 306). A study of structural and functional aspects of rural society with emphasis upon the social problems which our increasingly complex civilization has imposed on rural life.

Credit, 3 hours. Prerequisite, 211 and 212, or consent of instructor. First semester. M., W., F., at 11:15. 104 Jewell Hall.

PROFESSOR SMITH.

325. LABOR PROBLEMS. Labor conditions in the United States, recent trends in labor union organization, legislation and court decisions. Identical with Economics 301.

Credit, 3 hours.

First semester. M., W., F. at 7:50. 303 Jewell Hall.

PROFESSOR ROBB.

326. The Family (formerly 304). A study of the family with particular emphasis upon the normal family and its problems. Includes dating, love, courtship and marriage and problems pertaining to them.

Credit, 3 hours. Prerequisite, 211 and 212, or consent of instructor.

Second semester. M., W., F. at 10:20. 104 Jewell Hall.

PROFESSOR SMITH.

328. Social Ethics. A survey of the principles of human conduct and their philosophical bases. Individual and social ethics will be studied from both the historical and contemporary standpoints. (Identical with Philosophy 242.)

Credit, 3 hours.

Second semester. M., W., F. at 11:15. 102 Jewell Hall.

PROFESSOR RANSON.

421. CHILD WELFARE (formerly 301). A study of the various problems of child welfare, particularly from the point of view of society.

Credit, 2 hours. Prerequisite, 211 and 212, or consent of instructor. First semester. T., Th. at 10:20. 104 Jewell Hall.

PROFESSOR SMITH.

422. RACE RELATIONS (formerly 305). A study of some of the problems arising from the mingling of peoples, particularly in the United States. Particular attention will be given to the negro as an American social problem.

Credit, 3 hours. Prerequisite, 211, 212, and 321, or consent of instructor.

Second semester. M., W., F. at 11:15. 104 Jewell Hall.

PROFESSOR SMITH.

424. Community Organization (formerly 316). A study of the cause and conditions affecting community solidarity; discovering the community's new trends in local interest; emphasis on, (1) leisure time and recreational activities; (2) correlation, supervision, and leadership to promote constructive attainments in both urban and rural areas. Alternates with 428.

Credit, 2 hours. Prerequisite, 211 and 212, or consent of instructor. Second semester. T., Th. at 11:15. 104 Jewell Hall.

PROFESSOR SMITH.

426. Social Work (formerly 318). A survey course designed to introduce students majoring in sociology to the field of social work.

Attention will be given to the application of principles to social case work, social group work, community organization and public welfare. Services and resources for the practice of social welfare are emphasized. Specifically treated are services for children and youth, juvenile and adult offenders, health and medical care, the mentally ill and the mentally defective, racial groups and religious groups.

Credit, 2 hours. Prerequisite, 211, 212, 321, or consent of instructor. Second semester. T., Th. at 10:20. 104 Jewell Hall.

PROFESSOR SMITH.

428. Social Objectives (formerly 317). An appraisal of sociological theories, and proposed measures for organization, control, and direction of social forces toward constructive ends. Attempt is made to determine whether social progress is attainable by empirical methods. Alternates with 424. Not given in 1951-52.

Credit, 2 hours. Prerequisite, 211, 212, and 321, or consent of instructor.

Second semester. T., Th. at 11:15. 104 Jewell Hall. Professor Smith.

## SCHEDULE FOR 1951-52

	SCHEDUL	שב דל	JK 1951-52
	FIRST SEMESTER		SECOND SEMESTER
Hour	Course Prerequisite Cr	redit	Course Prerequisite Credit
	Biol. 221 Biol. 111		
	Chem. 201 Chem. 104, Math.	5	Biol. 222 Biol. 2213 Biol. 224 Biol. 2212
	111, 115	2	Chem. 204 Chem. 2035
	Chem. 203 Chem. 201		Econ. 2045
	Econ. 301 Econ. 204		Educ. 3223
50	Educ. 109	2	Eng. 306 Eng. 115, 1163
	Eng. 115 Eng. 350 Eng. 115, 116 plus	3	Eng. 1163
	Eng. 350 Eng. 115, 116 plus		History 112 Hist, 1113
	6 hours	3	History 222 Hist. 2213
	Hist. III		Math. 332 Math. 3313
	History 221 Hist. 112	3	Phil. 2123 Phil. 374 Phil. 2122
	Math. 331 Math. 226	2	Phys. Ed. 102 (Men)1
1	Phil. 211	3	Phys. Ed. 102 (Women)
	Phil. 372 Phil. 212		Pol. Sci. 3922
	Physics 324 Phys. 315		Psych, 212 Psych, 2113
	Phys. Ed. 101 (Men)	I	Religion 1122
	Phys. Ed. 101 (Women)	I	Religion 2523
	Psych. 211	3	Russian 212 Russian 2113
	Psych. 219 Psych. 211, 212		Soc. 212 Soc. 211, Psych. 2113
	Religion III	2	Spanish 112 Spanish 1115
	Religion 351 Russian 211 Russian 112	3	
	Soc. 211	3	
	Soc. 325	5	
	Spanish III	5 5	
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	Astron. 131Biol. 241 Biol. 111, Chem	2	Astron. 1322
	Bus Adm car Face act	5	Biol. 242 Biol. 1115
	Bus. Adm. 321 Econ. 304		Chem. 3025 Econ. 302 Econ. 2043
	Econ. 203		Econ. 314 Econ. 2043
	Educ. 107	2	Educ. 1063
	Educ. 107Educ. 203	2	Educ. 2072
	Educ. 317 Psych. 212	3	Educ. 225 2 Educ. 318 Educ. 317 2 Eng. 116 3
	Eng. 115	3	Educ. 318 Educ. 3172
	Eng. 231 Eng. 115, 116 and		Eng. 1163
	2 sem, anc. or mod. lang.		Eng. 232 Eng. 115, 1163
	Eng. 303 Eng. 115, 116	3	French 314 French 2124 Greek 328 Greek 2124
	French 313 French 212Greek 327 Greek 212	4	History 112 Hist. 1113
£3	History 111	3	Latin 206 Latin 205
4.	Latin 205 Latin 102		Latin 206 Latin 2053 Math. 118 Math. 111, 1155
90	Math. III Math. H. S. 2 yrs	3	Math. 336 Math. 2263
	Math. 115 Math. 111 Math. 335 Math. 226	2	Phil. 2102 Phil. 2423
	Math. 335 Math. 226	3	Phil. 2423
	Phil. 209 Phil. 241	2	Physics 317 Phys. 214, Math. 226 3
	Phil. 241	3	Phys. Ed. 102 (Men)1
	Physics 324 Phys. 315	2	Phys. Ed. 225
	Phys. Ed. 101 (Men)		Phys. Ed. 2822 Phys. Ed. 3323
	Phys. Ed. 211Phys. Ed. 231	2	Psych, 302 Psych. 211, 2123
	Phys. Ed. 281	2	Psych. 308, Psych. 211, 212, 219,
	Psych, 307 Psych, 211, 212, 210.	3	220, 221, 302, 303, 3073
	Psych. 307 Psych. 211, 212, 219, 220, 302, 303	3	Religion 232 Relig. 231 or History 3
	Religion 151	2	Religion 3542
	Religion 231 Hist. one course	3	Spanish 1125
	Spanish III	5	

## SCHEDULE FOR 1951-52 (continued)

	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL	SEMESTER		SECOND	SEMESTER	
Hour	Course	Prerequisite	Credit	Course	Prerequisite	Credit
9:4	0	C	ONVO	CATION		
10:20	Bus. Ad. 311 Chem. 103 Educ. 105 Educ. 136 Educ. 315 Eng. 115 Eng. 116 Eng. 221 Eng. 315 French 211 French 211 French 211 French 337 History 337 Hatin 307 Latin 307 Latin 307 Latin 307 History 337 History 347 H	ch. 212  ch. 212  ch. 212  ch. 212  ch. 212  german 212  cek 212  ist. 112, 222  in 206  th. H. S. 2 yrs.  th. 111  th. 118  Men)  ch. 211  ch. 211  ch. 211, 212  211, 212  211, 212		Bus. Ad. 312 Ec Chem. 104 Math Educ. 128 Educ. 316 Educ. Educ. 320 Eng. 115 Eng. 116 Eng. 316 Eng. 3 Eng. 224 French 212 Frenc German 312 Ger Greek 322 Greek History 334 Hist. History 338 Hist Latin 308 Latin Math. 118 Math. Math. 226 Math. Phil. 231 Physics 112 Phys. Ed. 322 Psych. 300 Psych. Psych. 300 Psych. Psych. 310 Psych. Religion 122 Soc. 326 Soc. 211 Spanish 212 Spar	315	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
11:15	Biol. 101 Biol. 111 Bus. Ad. 321 Chem. 101 Econ. 331 Educ. 108 Eng. 115 Eng. 225 French 111 German 211 G Greek 111 History 331 H Latin 311 Lat Math. 105 Math. 221 Math. 341 Mat Music 201 Music 201 Music 211 Phil. 331 Phil.	Econ. 304	533335555535222	Biol. 101  Biol. 114  Biol. 114  Biol. 116  Biol. 114  Biol. 117  Bus. Ad. 216  Chem. 101  Econ. 332  Econ.  Educ. 208  Eng. 116  Eng. 342  French 112  German 212  Gerek 112, Greek  History 332, Hist  Latin 312  Latin 2  Math. 105  Math. 105  Math. 110  Math. 216  Math. 342  Music 202  Music 202  Phil. 311	204	15

# SCHEDULE FOR 1951-52 (continued)

		SEMESTER		SECON	D SEMESTER
Hour	Course	Prerequisite		Course	Prerequisite Credit
11:15	Physics 211 Pl Physics 323 P 226 Phys. Ed. 101 Phys. Ed. 221 Phys. Ed. 301 Phys. Ed. 391 Pol. Sci. 321 Psych. 213 Psych. 213 Psych. 213 Psych. 213 Psych. 213 Psych. 303 Psy Religion 111 Religion 141 Soc. 323 Soc.	ysics 101 or 111 hysics 214, Matl (Men) (Women) (Women) Biol. 111 ch. 211, 212 ch. 211, 212, 30	h. ——3 ——1 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3 ——2 ——3	Phil. 352 Physics 101 Physics 212 Physics 316 Phys. Ed. 102 Phys. Ed. 222 Phys. Ed. 392 Pol. Sci. 322 Psych. 220 Psych. 302 Psych. 302 Religion 112 Religion 152 Soc. 214 Soc. 328 Soc. 422 Soc. Soc. 424 Soc. Soc. 424 Soc.	241, or 211, 212 2 2 2 2 2 2 2 2 2 2 3 3 2 3 3 3 3 3 3
1:15	Bus. Ad. 331 Chem. 401 Che	em. 204, Calculuch. 211, 212 Eng. Dr. 106  115, 116  ist. 112  diculus Men) Men) Men) ch. 211, 212 ch. 211, 212, 219	3 Is53333	Chem. 402	114 3  113 3  114 3  115 3  117 3  1217 3  1217 5  131 12 2  131 101 5  131 2  14 101 5  15 112 2  16 101 5  17 101 5  18 101 5  19 101 1 5  10 101 1

## SCHEDULE FOR 1951-52 (continued)

FIRST SEMESTER		SECOND SEMESTER
Hour	Course Prerequisite Credit	Course Prerequisite Credit
2:10	Bus. Ad. 211	Bus. Ad. 212 4 Eng. Dr. 106 Eng. Dr. 105 2 Eng. Dr. 206 Eng. Dr. 106 2 Eng. 126 2 Eng. 324 4 Eng. 334 2 Greek 212 Greek 211 3 Music 108 1 Music 216 1 Music 220 1 Music 222 1 Music 228 1 Phys. Ed. 202 (Women) 1 Phys. Ed. 262 (Women) 1 Russian 212 Russ. 211 3
3:05	Eng. 239       2         Eng. 337       3         Latin 313       Latin 308       3         Latin 315       Latin 308       3         Phys. Ed. 111       (Women)       1         Psych. 421       1	Eng. 240       2         Latin 314       Latin 308       3         Latin 316       Latin 308       3         Phys. Ed. 112 (Women)       1         Psych. 422       1
4:00	Biol. 341 I Music 105	Biol. 342 I Music 106 I Music 112 I

# TABLE OF MAJORS AND COGNATE MINORS

Majors	Cognate Minors
Bible	\ \
(See below for Religion	*
Biology	20 hours of Chemistry, or of Chemistry, Physics and Mathematics.
Chemistry	18 hours of Mathematics.
Economics	8 hours each from any two of the following: History, Sociology, Political Science, Psychology, and Phi- losophy.
Economics and Business Administration	8 hours of American Government.
Education	At least 24 hours in one subject other than Education.  Note. For minor for Elementary Education see under Department of Psychology and Education, p.
English	(1) 16 hours of college Latin or (2) 16 hours of college Greek, or (3) four years of high school Latin plus 6 hours of college Latin.
French	16 hours of one foreign language other than French.
German	16 hours of one foreign language other than German.
Greek	16 hours of college Latin.
History	8 hours each from any two of the following: Economics, Political Science, Sociology, Philosophy.
Latin (4 years of Latin including entrance Latin)	16 hours of one foreign language other than Latin.
Mathematics	Physics 211, 212 and either an additional year of Physics (6 hours) or a complete year of either Chemistry or Biology (8 hours).
Music	At least 24 hours of some academic subject.
Philosophy	16 hours of Psychology or 8 hours of Psychology and 8 hours of one of the following: Economics, History, Political Science, Religion (other than the required Bible course), or Sociology.
Physical Education	At least 24 hours in one subject other than Physical Education or Education.
Physics	18 hours of Mathematics.
Psychology	16 hours of Education, Sociology, or Economics; or 8 hours each from any two of the following: Education, Sociology, Philosophy, Economics.
Religion	16 hours of either Economics or Sociology, or 8 hours of each, and one year of New Testament Greek taken after two years of college Greek.
Sacred Music	At least 24 hours from some academic subject.
Sociology	8 hours each from any two of the following: Economics, History, Political Science, Psychology, and Phi- losophy.
Spanish	16 hours of one foreign language other than Spanish.
Speech	24 hours in one other subject,

## Announcements

## SUMMER SESSION

WILLIAM JEWELL COLLEGE

1951

JUNE 4 TO AUGUST 10

## **PURPOSE**

The summer session is designed to meet the needs of the following persons:

Returned service men and other college students who desire to complete the requirements for graduation in less time than the traditional four years.

Teachers wishing to earn credits leading to the elementary, or secondary certificates issued by the State Department of Education.

College students who need to earn additional credits for graduation.

Graduates of high schools who wish to begin their college work in the summer session instead of waiting until the opening of the fall semester.

## ADMISSION AND CREDITS

The requirements for entrance are either graduation from an accredited high school or fifteen high school units properly distributed.

TEN SEMESTER HOURS MAY BE EARNED IN THE ENTIRE SESSION.

#### SPECIAL FEATURES OF THE SUMMER SESSION

The summer session offers certain features which should appeal to many students.

A full year of college work may be completed in any one of the following courses:

- a. ENGLISH COMPOSITION.
- b. MODERN FOREIGN LANGUAGE.
- c. FIRST YEAR SCIENCE OR MATHEMATICS.
- d. LATIN.
- e. GREEK.

In some cases a student may take some other work in addition to the one year of work mentioned above.

A variety of courses is offered in PSYCHOLOGY, ELEMENTARY AND SECONDARY EDUCATION, HISTORY AND SOCIAL SCIENCES.

#### TEACHERS CERTIFICATES

William Jewell students wishing teachers certificates may procure them throuh the registrar's office of William Jewell College. These certificates are issued by the Superintendent of Public Instruction at Jefferson City upon receipt of the student's college record.

It is the purpose of the Summer Session to offer all courses required for certification.

#### GRADING AND CREDITS

Grades are represented by the letters A, B, C, D, and F. The grade A gives four grade points per semester hour, B, three grade points, and C, two grade points, D one grade point. F indicates failure and carries no grade points.

One hundred twenty-four (124) semester hours and a minimum of two hundred forty-eight (248) grade points are required for graduation.

Credits for the summer session are given in semester hours.

For Catalog and full information write to:

DEAN, SUMMER SESSION WILLIAM JEWELL COLLEGE LIBERTY, MISSOURI

## HONORARY DEGREES CONFERRED

Commencement, May 22, 1950

Doctor of Laws, Charles Oscar Johnson President of Baptist World Alliance Pastor, Third Baptist Church, St. Louis, Missouri

Doctor of Divinity, Isamu Chiba President of Mary Colby Girls' College Pastor, Yokohama Baptist Church, Yokohama, Japan

Doctor of Divinity, Luther A. Foster Secretary of Sunday School Department Missouri Baptist General Association, Jefferson City, Missouri

## HONORARY DEGREES CONFERRED Achievement Day, Nov. 10, 1950

Doctor of Humanities, Hubert Eaton Business Executive, Art Patron, Founder of Forest Lawn Memorial-Park Forest Lawn Memorial-Park, Glendale, California

# BACHELOR OF ARTS DEGREES CONFERRED Commencement, May 22, 1950

AMBROSE, WINSTON W.
122 W. Miller St., Jefferson City
BARSNESS, JOHN ALTON
Lewistown, Montana
BARTO, ROBERT M., JR.
Baldwin, New York
BEECHER, MARGARET LOUISE
358 Logan Ave., Leechburg, Pennsylvania
BERREY, ROBERT WILSON, III
7109 Jefferson, Kansas City
BIBENS, ROBERT FRANK
8246 Paseo, Kansas City
BOATRIGHT, GEORGIA LEE
5028 Lowell Drive, Kansas City
BODE, LOUISE ANNA
Rt. 1, Atchison, Kansas
BOGGS, BARBARA MERLE
205 N. 6th St., Las Vegas, Nevada
BOULTON, EDWIN CHARLES
Lathrop
BOYER, GUY EDWARD
6036 Virginia, Kansas City
BRIDGES, WILLIAM CLAYTON
435 Broadway, Slater

BROOKS, HARRY RAY 808 Chickasawba, Blytheville, Arkansas BURNS, ORMA CHARLOTTE Rosendale \*BUSH, HILARY A. \*As of Class of 1927 Hickman Mills BUSH, VIRGIL F. Pittsville CLIFTON, HARRY W. Spickard COIL, ALBERT WILLIAM, JR. 1130 S. Cottage, Independence COON, DWIGHT EVAN 5643 Granada, Kansas City, Kansas CRAIG, RAYMOND, JR.
Rt. 1, Liberty
CROWLEY, JOYCE LORRAINE
Rt. 5, Richmond
DAVIDSON, KENNETH W. 5019 Walmer, Overland Park, Kansas DAVIS, THEODORE Kidder DERWACTER, ELIZABETH WOOD

202 W. Franklin, Liberty

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QUICK, CLYDE DOUGLAS Camden RABORN, HUBERT H., JR. 7222 Prestwick, Houston, Texas REAMES, RALPH GARDNER, III 39 W. Winthrope, Kansas City RHEA, CLAUDE H., JR. 400 N. Jefferson, Carrollton RILEY, JOHN DOUGLAS Slater RITTER, EDDIE GENE 1401 Swift, North Kansas City ROBINSON, SYLVIA FRANCES 16 Longwood Ave., Providence, Rhode Island

ROGERS, LILLIE WISE 409 E. Kansas, Liberty

ROUSTIO, EDWARD RAYMOND Higbee

SAGE, JOHN HALLETT Adrian

SAMPSON, JAMES HERBERT 1820 Vassar, Independence SANBORN, GORDON DIXON 224 Baldwin, Laconia, New Hampshire SEARCY, HAROLD

Dearborn

SHADE, KARL EDWARD Orrick

SHEARER, EDWARD SAMUEL 1516 5th St., Boone, Iowa SHUMAKER, ROBERT FRANKLIN SKEEN, CALVIN R. Lake Creek, Texas

SMITH, HUGH BRECKENRIDGE Excelsior Springs

\*SMITH, SHIRLEY ST. CLAIR

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Liberty STOUT, VELTA ISORA

Raytown

SWARTZ, REX JOHN

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THOMPSON, GORDON GEORGE Ironton

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WALTERS, WILLIAM L. 339 S. Kensington, Kansas City WEBBINK, ELVIN FREDRICK

305 E. Fair, Independence WILLIAMS, DONALD E. Rt. 1, Gashland

WINSTON, BETTY JUNE Rt. 2, Platte City

WOOD, FRANK JOSEPH, JR. Overland Park, Kansas

WOODRUFF, HELEN FRANCES 6327 Chestnut, Kansas City WRIGHT, VINCENT D.

522 So. Carolina, Louisiana

The following students completed their work within the time limit designated by the Faculty and received the degree of Bachelor of Arts "As of 1950."

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CROSSNO, ROY E.

DeKalb

FITZWATER, DONALD ROBERT 3220 Holmes, Kansas City FUGETT, LEONARD ELDON Liberty

GREENE, LENA WILLIAMS Liberty

GRIFFITH, HAROLD WM. Edgerton

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McFARLAND, GLENNON EUGENE Rt. 8, North Kansas City O'NEILL, MARY ALOISE WARD Cameron

PASCHAL, NUELL WILLIAM Winnsboro, Texas

RALLS, MODENIA 128 S. Jewell, Liberty

REED, ELMER EUGENE Appleton City

ROBERTS, HADLEY ALBURN 1326 Quindaro, Kansas City, Kansas

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SKELTON, ASA JOSEPH 532 S. Jackson, Kansas City

THORUP, J. LAWRENCE Knobnoster

TOMPSON, CARROLL GRAY 625 W. Carpenter, Moberly TRIPLETT, MRS. HUGH 432 E. Mississippi, Liberty WALKER, CARL EUGENE Lathrop

WELSH, JERAULD KEITH 331 S. Leonard, Liberty WHITE, HARVEY HOWARD Kearney WILLIAMS, THOMAS EMMETT 139 N. Lightburne, Liberty

# STUDENT ENROLLMENT IN WILLIAM JEWELL COLLEGE

(First semester. Students enrolled second semester appear on supplement to page 155.)

#### SENIORS 1950-'51

ALBRIGHT, WILLIAM HARRIS 191 Four Mile, West Hartford, Connecticut ALSPAUGH, GEORGE A. BAINBRIDGE, LAURA JOANNE 208 N. Fairview, Liberty BARBIER, THERESE FERNANDE 77 Bd. Camelinat, Gennevilliers, France BARSKI, STANLEY ROBERT 358 E. 30 St., Paterson, New Jersey BLACK, ROBERT EARL LEE Rt. 2, Cassville BRANDOM, ELIZABETH ANN 202 Via del Norte, La Jolla, California BREWER, HOMER 5602 N. Park Drive, East St. Louis. Illinois BROWN, JAMES KIRBY 207 Peeke, Kirkwood BROWN, RALPH SETH, JR. 3951 N. Sheridan, Chicago, Illinois BURNHAM, GEORGE L. 813 South 38th, St. Joseph CARNS, PHYLLIS NADINE 207 N. 32, Kansas City, Kansas CASEBOLT, JOHN MILTON 5710 Central, Kansas City CHASTAIN, JACK EDWARD 7730 Hardy, Overland Park, Kansas CHASTEEN, JOSEPH WILEY 3717 E. 12 St., Kansas City CHINN, HUBERT DEAN Rt. 10, North Kansas City CHRISMAN, NANCY MARGARET Blueberry Hill, Liberty CLARK, WILBUR WALTON 902 Johnson, Larned, Kansas CLARKE, JANE RAY 218 E. Kansas, Liberty CLAWSON, ROBERT JOE 2205 S. Main, Higginsville CORUM, ROBERT A. Rt. 1, Excelsior Springs COVELL, DAVID ANDREW 128 S. Jewell, Liberty

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## JUNIORS 1950-'51

ABINGTON, JOHN STANLEY 1920 Independence Ave., Kansas City ABINGTON, ROGER LEWIS 4029 Chestnut, Kansas City ADAMS, MARILYN JOAN 804 S. 20, Bethany ALLEN, JOANNE 4036 S. Preston, Louisville, Kentucky ATKINS, LUCY MARIE Lebanon BANNER, RICHARD DUER 470 East Mill, Liberty BARNES, RUSSELL LÉE Rt. 4, Fayette BARSKI, DONA LUNN 961 S. Pickwick, Springfield BELL, WILLIAM ELMORE 2023 College, Kansas City BENNETT, MARVIN EDGAR 407 Central, Monett BLAÍR, CALVIN BENJAMIN Barnard, Kansas BORCHERS, JUDITH MAXINE Rt. 4, Richmond BOSWORTH, ROBERT FRANK 6880 Forest, East St. Louis, Illinois BOWMAN, WILLIAM WALTER 4451 Tracy, Kansas City BREIPOHL, GILBERT, JR. 802 Hillside, Liberty BROCK, RAYMOND ROSCOE, JR. 101 Ridge Ave., Liberty BROWN, JOHN CAMPBELL 300 Gramatan, Mount Vernon, New York BROWN, MILDRED CECILLE Rt. 2, Ridgeway BULLOCK, FRANK EUGENE Nodaway BURKHARDT, WILLIAM ANDREW Rt. 488, North Kansas City BUSH, STANLEY GEORGE 6544 Crest, St. Louis BYARD, RODNEY V. 1037 Neill Drive, Columbus, Georgia CARTER, SHIRLEY JEANNE 1817 W. 41 St., Kansas City CARVER, JAMES EDWARD, JR. 211 McCarty St., Liberty CASEBOLT, CARL JUDSON 27 S. Jewell, Liberty COOK, WALTER THOMAS 5615 Forest, Kansas City COOPER, ROLAND PRESTON 6831 S. Benton, Kansas City

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MOORE, SAMUEL EDWARD Oak Grove MORJIGIAN, HARRY 120 S. Cecil St., Philadelphia, Pennsylvania NEEDLES, PHILIP EPHRAIM 520 S. Huttig, Kansas City NETH, HOWARD LEE Rt. 3, Liberty NICHOLSON, LAWRENCE BENSON, JR. 11114 East 6th St., Kansas City PALMER, MILTON JOHN S. Wattles Rd., Rt. 5, Battle Creek, Michigan PIERCE, JAMES ALTON E. Jefferson, Kosciusko, Mississippi PITNEY, ELLYN NADINE Fayette PITNEY, GERALD OLIVER Higbee POPOVICH, JOHN 4901 E. 54 Terrace, Kansas City POTTS, JOHN THORPE Kramer Ave., Berwyn, Pennsylvania POWLES, LOREN STEWART 7431 Holmes, Kansas City RICHARDSON, JERRE BOYD 8309 High Drive, Kansas City RICKETTS, BEVERLY JANE Grandview ROHDE, JOHN THOMAS, JR. Lake Forest, Edwardsville, Kansas ROLENS, DARWIN KIEL 5235 Grace, St. Louis ROSENDALE, NORMA RUTHE Rt. 2, Liberty RUST, CLIFFORD WILLIAM, JR. 36 Oak Terrace, Newton Highlands, Massachusetts SEAVER, GEORGE FRANKLIN 19 Ponca, Kirkwood SHINER, CHARLES LYNN 3009 E. 10th St., Kansas City SIMPSON, SANFORD CHARLES 15 Holman Rd., Auburndale, Massachusetts SMITH, ROBERT EUGENE 222 N. Missouri, Liberty SNOWDEN, ROBERT ELTON 190 S. Institute, Richmond SPENCER, BILL 5911 Blue Ridge, Raytown STAYTON, MANLEY DAVID, JR. 2126 W. Adams, Phoenix, Arizona STEWART, LORIN KENNETH 1316 W. Lexington, Independence SWADLEY, ELEANOR SEVILLA 423 S. Jackson, Kansas City

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WARD, HARRY MERRILL

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WATSON, RICHARD EUGENE Rt. 5, North Kansas City WHITE, BONNIE WAYLAND Birmingham WHITE, ERNEST ORSEN Birmingham WHITE, GEORGE DONALD 132 Union Ave., Mt. Vernon, New York WHITE, PHYLLIS ANN 1411 Pleasant View Ct., Kansas City WINSLOW, GEORGE E. 2420 Quincy, Kansas City WISE, ILA LEE 8700 Burton, St. Louis YORK, JAMES ALLEN Archie YOUNGER, LOIS JEAN 206 Chestnut, Westmont, New Jersey ZIEGENMEYER, LEONARD GEORGE

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#### SOPHOMORES 1950-'51

APPLE, LOYAL EUGENE 33rd and Sheley Rd., Independence ASHBY, HAROLD FRANCIS 12 East St., Fairport, New York BAKER, WARREN HOWARD 820 East 89th Pl., Chicago, Illinois BARNARD, CARLYLE VERNON Archie BARTLETT, RYBURN DEWEY Trimble BELLINGTON, ROBERT PAUL 406 N. Fairview, Liberty BENSON, FRED HARRELL, JR. 1535 Dunmoor, Memphis, Tennessee BOLTNIEW, ALEXANDER 2035 N. 11th St., Cleveland, Ohio BUNDSCHU, WILLIAM BLANTON 820 W. Waldo, Independence BURRITT, MERTON R. Van Wart Ave., Tarrytown, New York BYE, EDWIN GRIFFETHS 1833 Pennington Rd., Trenton, New Jer-CANNON, GOMER LEROY 2738 Windsor, Independence CARTER, JIMMIE LEE 1734 N. St. Louis, Chicago, Illinois CHAFFEE, CHARLES JOSEPH Rt. 3, Lees Summit CHURCH, KENNETH LOUIS 618 Beverly, Excelsior Springs CLOSSON, THEODORE ELLSWORTH... 524 Bayord, Waterloo, Iowa COLEBERD, ROBERT EDWARD, JR. 15 Moss, Liberty

COLLIER, MARILYN GLEE
312 Morse, Liberty

CONNOR, JOHN WENDELL 402 Doniphan, Liberty COONCE, JAMES HERON, JR. 4200 Roanoke Rd., Kansas City COOPER, HOWARD FRANCIS 200 Doniphan, Liberty CORNELL, CHARLES ELLIS 1115 S. Pope, Independence COUCH, JOSEPHINE PATRICIA 5510 N. Park Drive, East St. Louis, Illinois CROUCH, CAROLYN MAE Turney DALLAM, FAUCETT HARLAN 322 N. Spring, Independence DAY, LEOPAL FREMONT 423 N. Leonard, Liberty DOLIBER, HELEN IRENE 46 Falmouth Rd., West Newton, Massachusetts DOOLEY, GEORGE DEAN 312 N. Crysler, Independence DOUGHERTY, NANCY 210 Ridge, Liberty EDSON, JOYCE ELAINE 419 Wilson, Liberty ERICKSON, SHIRLEY ANN 425 Main, Osawatomie, Kansas EVERETT, PAUL PETTIS 837 Manorcrest, Kansas City, Kansas FASNACHT, GRACE 489 S. Van Buren, Kirkwood FERREN, MACK ROY McLouth, Kansas FERRIL, NORMA JEAN 18 S. Jewell, Liberty FLINT, SAMUEL EDWARD 841 Providence, Webster Groves

FOUCHE, CHARLES WILLIAM LIBBY, CLIFFORD WAYNE 1747 N.W. 32 St., Miami, Florida 2504 Harvard, Independence FRANCIS, JERRY WAYNE LITTELL, EVERETT WILSON 2411 S. Mill, Kansas City, Kansas 306 Forrest St., Winnetka, Illinois GAINES, DONNA MAE LYLE, HOMER ALLEN 4875 Milentz, St. Louis Maitland GAREY, BARBARA ELLEN McBURNEY, FREDERIC ADAMS 15 Hopkins, Reading, Massachusetts Box 8, Slater GARRETT, ELWANDA JEANNE McCOMB, JAMES L. 443 N. Topping, Kansas City 436 E. 71 Terrace, Kansas City McCORKENDALE, WILLIAM THOMAS GASH, MILDRED 321 Hickory, Jefferson City Kingston GOSS, ELVIS E. McINNES, DON NEAL Grain Valley 401 E. College, Independence GRAHL, GEORGEANNA McKEE, ROBERT HARLEY 411 Choctaw, Liberty N. Main, Cameron GRUSH, DOROTHY LEE McPIKE, ANITA BELLE 124 High St., Liberty HALEY, JOHN JOSEPH Rt. 5, North Kansas City McWILLIAMS, DORIS JEAN 6735 Holmes, Kansas City HANEY, BETTY JO 1507 W. 27th Terrace, Independence HARRIMAN, RICHARD LEE 3402 Locust, Kansas City MARRIOTT, FLOYD FREDRICK 205 Kansas City Ave., Excelsior Springs MATTHEWS, ROY BENNETT 9 Hawthorne Pl., Independence HARRIS, TED ARLEN 533 W. 8th St., Muncie, Indiana HAUK, CONNIE ANN 408 N. Delaware, Independence MENEFEE, ALLEN RUFORD Lathrop MOBERLY, OSCAR BURNS 322 Woodlawn, Atchison, Kansas 139 Maple, Excelsior Springs HAYNES, THOMAS MARION, JR. MOORE, DAVID NELSON Rt. 2, Liberty 1312 Mistletoe Drive, Fort Worth, Texas HAYS, WILLIAM PAUL MORRIS, JAMES ALLEN 1026 S. Main, Harrisburg, Illinois Rt. 1, Liberty PHILLIPS, RICHARD DONALD HEACOCK, ELSA MARGUERITE 629 Maple Ave., Aldan, Pennsylvania 523 W. Kansas, Liberty PHILLIPS, ROBERT CONRAD HOSLER, HAROLD CAMDEN Rt. 3, Liberty HOWARD, WILLIAM CLARK 523 W. Kansas, Liberty PORTER, ALBERT MARVIN 1324 Crawford, Boone, Iowa POSTEN, GLEN CRESS, JR. Russellville HUGHES, DEWEY CROSS Gray Summit 2526 Alden, Kansas City, Kansas HURSH, DON LEWIS POTTS, JEROME DILLARD 2604 Grandview, Kansas City, Kansas Tipton JACOBSON, CHARLES HERMAN PRICE, MARY BELLE 640 Williams, Buffalo, Wyoming Box 89, Plattsburg JONES, KERMIT PRINDLE, WILFORD VERN 4114a Manchester, St. Louis 1907 Hazel, Kansas City KELLING, DOROTHY MARIE RAY, HARVEY CONRAD 2639 Sutton, Maplewood 409 E. Kansas, Liberty KERN, HAROLD HUFF REPPETO, JAMES FRANKLIN Smithville 4425 Euclid, Kansas City KINDER, GERALD KEITH RHOADS, JAMES LYLE 1823 Mill St. Terrace, Kansas City, Kansas Orrick KING, PHILLIP EUGENE RICE, ELTON RAY Rt. 1, Liberty Rt. 3, Plattsburg KOCH, JOYCE ANNE Rt. 8, North Kansas City RISTAU, ERVIN OTTO, JR. 3318 Monterey, St. Joseph LANMAN, LEA JOAN RUBLE, WINSTON POOLE 1211 South Sixth, Norfolk, Nebraska 1802-3rd S.W., Ardmore, Oklahoma LEAVEL, ORMAND WARD SCALET, RICHARD LEE Rt. 2, Leavenworth, Kansas 4208 Park, Kansas City

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WEBER, PAUL WILLIAM 1938 Glendale, Kansas City WELCH, JOHN FRANKLIN 129 8th St., Cameron WHALEY, SHIRLEY JEAN 515 S. Crescent Dr., Kirkwood WHITAKER, PAUL RICE 12 E. 78 Terrace, Kansas City WHITE, EUGENE L. 420 N. Pecan, Nowata, Oklahoma WHITE, JANE ELLEN WILKINSON, ROBERT FRANK Braeburn Rd., Flossmoor, Illinois WILSON, BETTY ANN 108 W. Kansas, Liberty WILSON, JOHN THOMAS Highland Park, Excelsior Springs WILSON, J. L. 6639 Wabash, Kansas City WINTEROWD, KENNETH HALL Oak Grove WOLFE, DEA ELIZABETH 5212 Fontana, Kansas City WOOD, JOSEPH GORDON 2214 S. 15th, St. Joseph WOOD, PATRICK HARDY 5507 Forest, Kansas City YOUNG, ERBY MARIOTT 710 Sanders, Poplar Bluff ZAHND, LLOYD GLEN 602 N. 3rd, Savannah

#### FRESHMEN 1950-'51

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1535 Dunmoor, Memphis, Tennessee

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Buckner

VAN DYKE, MILDRED ROGERS

WALKER, WILLIAM MAURICE Kansas City WHITEHEAD, OREN WENDELL 3121 Amberst, Dallas, Texas WILLEY, JUANITA Rt. 2, Liberty

WILSON, GLENN JAMES 909 Pacific, Kansas City, Kansas WRIGHT, FLORENCE EDNA Sedgwick, Kansas WUJCIK, JOSEPH BLAISE Northview Drive, Excelsior Springs

#### ENROLLMENT FOR SUMMER TERM 1950

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206 S. Kansas City Ave., Excelsior Springs

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Gashland

Edgerton

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(Supplement to page 155)			
ANDERSON, LEO M. (Spec.)	LAHEY, WILLIAM EDWARD (Fr.)		
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Cowgill	427 E. Doniphan, Liberty		
BENSLEY, FRED IRVIN (Soph.)	McKIM, ROBERT ALLAN (Spec.)		
Box 492, Independence	10808 E. 26, Independence		
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4610 S. Parallel, North Kansas City	Orrick		
CARVER, CAROL (Spec.)	MURRAY, GEORGE EDWARD (Fr.)		
211 McCarty, Liberty	321 Halstead Ave., Harrison, New York		
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Route 1, Purcell, Oklahoma	Route 3, Richmond		
CLINTON, THOMAS GREEN (Spec.)	PETERS, WILLIAM KENNETH (Fr.)		
Box 32, Liberty	1824 Hedges, Independence		
DANIELS, JULIAN WILFRED (Fr.)	PLYMIRE, DAVID EUGENE (Fr.) Route 6, Danville, Illinois		
Bethany	POTEET, JOHN THEODORE, JR. (Jr.)		
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ESRY, CARROLL DALE (Fr.)	430 Leonard, Liberty		
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2005 Northern, Independence	PUGH, CHRISTINE GRIFFEY (Spec.)		
FLINT, PHYLLIS ELAINE (Spec.)	405 Arthur, Liberty		
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FRITH, KEITH LEE (Spec.)	(Soph.)		
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GOEPFERT, ROBERT WALTER (Fr.)	Highway 66, Lebanon		
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HILL, MILTON ALLEN (Fr.)	Randolph Rd., Route 5, North Kansas		
2104 Clay, North Kansas City	City		
HUNTER, CLEO DURHAM (Soph.)	WILLIAMS, WARREN NELSON (Jr.)		
7101 Bales, Kansas City	1819 Hedges, Independence		
JONES, OLIN COLEMAN, JR. (Spec.)	WISE, SHERIDAN WALTER (Soph.)		
433 Moss, Liberty	4919 N. Meade Ave., Chicago, Illinois		
	(7 1 11 2 1 2 . )		

## TOTAL ENROLLMENT FOR 1950-51 (Including Second Semester)

	Men	Women	Total
Seniors	78	30	108
Juniors	104	31	135
Sophomores	103	32	135
Freshmen	163	47	210
Special Students	33	48	81
Totals	481	188	669
Summer School 1950	106	66	172
	587	254	841

WHITE, LOUISE
420 N. Pecan, Nowata, Oklahoma
WILLIAMS, THOMAS EMMETT
139 N. Lightburne, Liberty

WISE, ILA LEE 8700 Burton, St. Louis WYATT, HARLEY, JR. Whitehall, Liberty

#### ENROLLMENT BY STATES AND COUNTRIES

A	-	** *	
Arizona	2	New Jersey	3
Arkansas	3	New York	14
California	2	North Carolina	i
Colorado	3	North Dakota	1
Connecticut	4	Ohio	3
Florida	2	Oklahoma	2
Georgia	1	Pennsylvania	7
Illinois	26	Tennessee	3
Indiana	1	Texas	3
Iowa	9	Utah	1
Kansas	37	West Virginia	I
Kentucky	I	Wyoming	2
Louisiana	1	Canada	1
Massachusetts	11	France	I
Michigan	3	India	I
Mississippi	1	Poland	I
Missouri	462	Russia	2
Montana	1		
Nebraska	3		620

# TOTAL ENROLLMENT FOR 1950-'51

Men	Women	Total
Seniors 77	29	106
Juniors , 99	31	130
Sophomores 99	30	129
Freshmen146	46	192
Special Students 24	39	63
Totals445	175	620
Summer School 106	66	172
-	-	
Grand Totals551	241	792

#### GIFTS AND BEQUESTS

Gifts and bequests of money, securities, or real estate are gratefully received by William Jewell College. Many additions have thus been made to the resources of the institution.

To serve the college in this way it is not necessary to make a large bequest. There are doubtless many who without injury to family or other interests could bequeath \$500, \$1,000, \$5,000; and some who might bequeath a much larger sum.

A will must be signed by the testator in the presence of at least two disinterested witnesses. Three witnesses are preferable and in all states sufficient. It is advisable to ascertain the requirements of the law in the state in which the testator resides.

#### FORM OF GENERAL BEQUEST

I hereby give and bequeath to the "Trustees of William Jewell College" and to their successors forever for the use of said institution

n the fulfillment of its general corporate purpose
(State here the sum of money to be given or describe the property or securities constituting the bequest.)
FORM OF BEQUEST FOR A PARTICULAR PURPOSE, DESIGNATED BY THE TESTATOR
I hereby give and bequeath to the "Trustees of William Jewell College" and to their successors forever in trust the sum of
(State here the sum of money to be given or describe the property or securities constituting the bequest.)  to be used as follows
(Indicate here whether the gift is to be used for endowment, buildings, or current expenses.)

#### **ANNUITIES**

William Jewell College accepts sums of money from \$500 upward on the annuity basis, paying interest thereon during the life of the

donor. The plan has distinct advantages. The donor has the satisfaction of having aided a worthy cause. At the same time he receives an income from the gift during his life. This income is usually larger than could be obtained through other secure investments. The safety of the principal is absolutely assured. The donor is assured also of the fulfillment of his own wish in the manner of the disposition of the gift. Finally when the recipient or recipients of the annuity payments have passed on, the principal continues to work, providing income for the needs of the institution. The giver "though being dead, yet speaketh."

Correspondence regarding gifts, bequests or annuities is solicited, and will receive the prompt attention of the President.

#### OTHER FORMS

# Testamentary Trust Bank or Trust Company, as Trustee\*

In pursuance of the resolution and declaration of trust known as

the Uniform Trust for Public Uses adopted by the
(Here insert the name of bank or trust company to act as trustee) on the day of 19
(The correct date must be inserted) and upon the terms and conditions herein expressed I give (devise) and bequeath to said corporation and its successors forever the sum of
dollars (or otherwise describe the gift) to be held and administered as a charitable trust (If desired add: in the memory of by whose name the fund shall be known) to collect and pay over or apply the income arising therefrom to the "Trustees of William Jewell College" for the general corporate purpose of that institution (or name a particular corporate purpose) \( \big  \).
LIVING TRUST Bank or Trust Company, as Trustee*
THIS INDENTURE made this day of of of of hereinafter referred to as the donor
and (Here insert

the name of the bank or trust company to act as trustee) hereinafter referred to as the trustee.

WITNESSETH:

That said donor desiring to dedicate certain funds to public usefulness has this day given and in consideration of the covenants and agreements herein contained hereby gives, grants, conveys and delivers to said trustees and its successors forever, and the said trustee for itself and its successors accept the following securities, money, and property with proper supplemental transfers where necessary to pass title, viz:

(Here enumerate or refer to schedule attached) and agrees to accept
approved additions thereto and to hold and administer such gift or
gifts as a charitable trust under the resolutions and declarations of trust
known as The Uniform Trust for Public Uses adopted by said trustee
on the day of to collect
and pay over or apply the income arising therefrom to the "Trustees of
William Jewell College" for the general corporate purposes of that in-
stitution (Or name a particular corporate purpose) ¶.
(Here may follow a reservation of income for life, a power to
revoke, or other clause having approval of counsel.)
In Witness Whereof, the donor aforesaid has subscribed and de-
livered these presents and the said trustee has by its proper officer
executed the same and received the same money, securities, and property
the day and year first above mentioned.
IN THE PRESENCE OF
Donor
Trustee
(Bank or Trust Company)

\*Note: While any form of charitable trust that conforms to legal requirements will suffice, the use of these forms is recommended, whenever practicable.

Note: If the trust is not to be perpetual, continue after the words "for its general corporate purposes" with the following words or some modification thereof having approval of counsel as for example: "until in the opinion of its governing board, after \_\_\_\_\_\_ years from the date of my death (or other date) its best interests shall

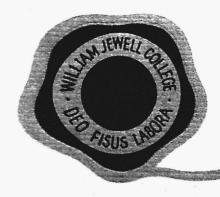
require an expenditure of some part of the capital of the trust and then to apply or spend such portion (not to exceed \_\_\_\_\_\_ per cent) thereof in such sums and for such corporate purposes as said governing body shall from time to time direct."

Additional information will be furnished upon request, including the names of banks and trust companies wherever located acting as trustees under the above mentioned instrument. If desired, other forms will be furnished including those naming the college as trustee for itself.

Inquiries regarding contributions, gifts, or bequests in any form or amount will be welcomed by the college authorities. Correspondence should be addressed to the President.

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