

William Jewell College Quarterly

SERIES I

FEBRUARY 1959

NUMBER I

WILLIAM JEWELL COLLEGE

LIBERTY, MISSOURI FOUNDED IN 1849



THE CATALOG

Announcements for 1959-1960

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ORIENTATION FOR FRESHMEN AND TRANSFERS

During the week of September 14 to 18, a program consisting of tests, lectures, registration and social activities introduces the new students to William Jewell College life. Students from outside Liberty should arrive not later than Sunday afternoon, September 13. Residence halls will open Saturday afternoon.

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

WILLIAM JEWELL COLLEGE AND VETERANS

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

STANDING OF WILLIAM JEWELL

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

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CALENDAR 1959-60

1959 JUNE							NOVEMBER							APRIL						
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25	26	27	28	29	30	31	27	28	29	30	31			28	29	30	31			

COLLEGE CALENDAR 1959-1960

All new students are required to arrive in Liberty by Saturday afternoon, September 12, 1959. Orientation and registration start promptly at 8 A.M. Monday, September 14.

1959		
Saturday	Sept. 12	New students arrive. Dormitories will be open after 12 noon. Supper will be served.
Monday	Sept. 14	Orientation for <i>New</i> and <i>Transfer</i> students.
Monday	Sept. 14	Registration starts for all returning upper classmen at 8 A.M., continues until 4 P.M.
Tuesday	Sept. 15	Registration for returning upper classmen continues, 8 A.M. until 4 P.M.
Wednesday	Sept. 16	Registration for returning upper classmen continues until 12 M. Registration for Freshmen and Transfer students starts at 1 P.M.
Thursday	Sept. 17	Registration for Freshmen continues from 8 A.M. until 4 P.M.
Friday	Sept. 18 7:50 A.M.	Class work begins. Classes held all day.
Friday	Sept. 18 12:00 NOON	Late registration fee of \$5.00 effective.
Friday	Sept. 18 5:00 P.M.	Late payment fee of \$3.00 for settlement of bills effective.
Saturday	Sept. 19	Tuesday and Thursday classes meet.
Tuesday	Sept. 22 9:40 A.M.	First formal convocation.
Friday	Oct. 2 4:00 P.M.	Last day for registration changes.
Friday	Nov. 6	Classes dismissed. Homecoming Holiday.
Saturday	Nov. 7	Homecoming.
Thursday	Nov. 12	Achievement Day. Classes dismissed.
Wednesday	Nov. 25 5:00 P.M.	Thanksgiving holidays begin. Supper will be served. Dormitories close at 12 noon, Nov. 26.
Sunday	Nov. 29 5:00 P.M.	Thanksgiving holidays end. Dormitories open at 12 noon. Supper will be served.
Monday	Nov. 30 7:50 A.M.	Class work resumed.
Friday	Dec. 18 5:00 P.M.	Christmas holidays begin. Supper will be served. Dormitories close at 12 noon, Dec. 19.
1960		
Sunday	Jan. 3 5:00 P.M.	Christmas holidays end. Dormitories open at 12 noon. Supper will be served.
Monday	Jan. 4 7:50 A.M.	Class work resumed.
Monday	Jan. 25 to	First Semester Examinations.
Friday	Jan. 29	
Monday	Feb. 1 and	8 A.M. through 4 P.M.
Tuesday	Feb. 2	Registration all students for second semester.
Wednesday	Feb. 3 7:50 A.M.	Second Semester classes begin.
Wednesday	Feb. 3 4:00 P.M.	Late registration fee of \$5.00 and late fee of \$3.00 for settling accounts effective, unless otherwise notified.
Friday	Feb. 19 4:00 P.M.	Last day for changes in registration.
Saturday	Feb. 27	Founder's Day.
Wednesday	April 13 5:00 P.M.	Easter holidays begin. Supper will be served. Dormitories close 12 noon, April 14.
Monday	April 18 5:00 P.M.	Easter holidays end. Dormitories open at 12 noon. Supper will be served.
Thursday	May 19	Senior Class Day.
Monday	May 16 to	Senior Examinations.
Friday	May 20	
Saturday	May 28	Alumni Day and Alumni Dinner.
Sunday	May 29 11:00 A.M.	Baccalaureate Sermon.
Sunday	May 29 8:00 P.M.	Missionary Program.
Monday	May 30 10:00 A.M.	Commencement and conferring of Degrees.
Tuesday	May 31 to	Second semester examinations.
Friday	June 3	
Monday	June 6 7:45 A.M.	Summer session begins.
Friday	July 29 8:00 P.M.	Summer Commencement.

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 College 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 west of the Library.

Other presidents since Dr. Thompson and the year they began their service are Rev. Thomas Rambaut 1867; Prof. William R. Rothwell as Chairman of the Faculty 1874; Prof. James Clark as Chairman of the Faculty in 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 operated from January 1, 1943, to October, 1944, and trained a total of 2983 aviation cadets in a three months course of instruction.

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.

Since the war the campus scene has been greatly improved, and its accommodations enlarged. Old Ely, a dormitory of long and memorable history, has been removed and a beautiful quadrangle has resulted, bounded by Jewell Hall, Greene Administration Building, Gano Chapel and the Carnegie Library. To the east, enlarged parking space has been developed for students and faculty, and new tennis courts have been set up. In 1955 a new stadium was built at a cost of \$91,000 to accommodate 4500 spectators. Three new dormitories are now in use: the Minetry Jones Residence Hall for women (1953) the Robert B. Semple Residence Hall for women (1957) and the James R. Eaton Residence Hall for men (1958). The William R. Yates College Union Building, in full use first in 1957-58, is now the center of social activity on the campus.

ACHIEVEMENT DAY

Annually since 1944 William Jewell College has set aside the second Thursday in November as Achievement Day. This day has a two-fold purpose: 1. To honor a group of five representative alumni who have achieved distinction in various fields of endeavor. 2. To set up an educational forum by which members of the student body can receive inspiration and advice from those alumni who are leaders in fields in which the students themselves may plan to build their careers. "Citations for Achievement" are awarded the five alumni at a formal convocation, and in the evening they are guests of honor at a banquet at the Hotel Muchlebach in Kansas City, the speaker at which has received an honorary degree at the morning convocation.

Those called back to their *alma mater* November 13, 1958 were Cecil R. Martin, 1914, St. Joseph, Mo.; T. Shad Medlin, 1934, Hartford, Conn.; Rev. Owen Sherrill, 1933, Kennett, Mo.; Mrs. Elvah Stokes, 1932, St. Louis, Mo.; Dr. Orvar Swenson, 1933, Boston, Mass. The speaker at the banquet was Clarence A. Cannon, 1904, senior member of Congress from Missouri; Chairman, Ways and Means Committee.

Administration

BOARD OF TRUSTEES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FRED C. EASTHAM, D.D., *residence, Springfield, Mo.*

Minister; pastor, First Baptist Church, Springfield, Mo.; past president, Missouri Baptist General Association; member, Southern Baptist Radio and Television Commission; Baptist.

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

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

W. C. LINK, JR., D.D., *residence, 232 North Lightburne Street, Liberty, Mo.*

Minister; pastor, Second Baptist Church, Liberty, Mo.; Baptist.

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

JOHN B. PEW, LL.D., *residence, 509 Knickerbocker Place, Kansas City 11, Mo.; business address, Argyle Building, 306 East 12th St., Kansas City 6, Mo.*

Attorney, Senior member of firm of Pew, Taylor, Sheridan and Baty; former lecturer in Kansas City School of Law; former City Counselor, Kansas City, Mo.; former County Counselor, Jackson County, Mo.; one of the three founders of the Wornall Road Baptist Church; Trustee, Midwestern Baptist Theological Seminary; Baptist.

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

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

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

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

HERBERT H. SCHWAMB, *residence, 420 East 64th, New York 21, N.Y.; business address, 420 Lexington Ave., New York 1, N.Y.*

Personnel Relations Consultant; Vice-president in Charge of Personnel, J. C. Penney Company, Retired; Director, Consolidated Services, Ltd., Jamaica, B.W.I.; Member, Board of Directors and Vice-president, Y.M.C.A. of Greater New York; Baptist.

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

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

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

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

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

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

HOWARD H. STAMPER, *residence, Urbandale, Moberly, Mo.; business address, Moberly, Mo.*

Chairman of the Board, F. M. Stamper Company; Vice President, Priebe and Sons, Inc., Chicago; Baptist.

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

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

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

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

TRUSTEES EMERITUS

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

JOHN B. WORNALL, *824 West 61st St., Kansas City 13, Mo.*

OFFICERS OF ADMINISTRATION

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

HUBERT I. HESTER, A.B., Th.M., Th.D., D.D., *Vice-President*, Greene Hall 303.

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

C. SYLVESTER GREEN, A.B., A.M., B.D., Th.M., D.D., Litt.D., *Vice-President in charge of Public Relations*, Greene Hall 308.

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

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

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

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

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

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

TOM BRAY, A.B., B.D., S.T.M., *Director of Religious Activities*, Jewell Hall 113.

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

BALLARD B. BLOUNT, A.B., *Director of Alumni Activities*, Greene Hall 101.

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

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

ADMINISTRATIVE STAFF

- MRS. ANN ABSHER, *House Director*, Melrose Hall.
- MRS. EDITH ATCHISON, *House Director*, Phi Gamma Delta Fraternity.
- LESTER BANDY, A.B., M.S., *Admissions Counsellor*, Greene Hall 102.
- RUTH BANDY, *Cashier*, Greene Hall 208.
- MRS. DELPHIA BRIDGES, *House Director*, Semple Residence Hall.
- MARGARET CARTER, *Secretary to the Dean of Students*, Greene Hall 105.
- BLANCHE LEE DAMON, *Bookkeeper*, Greene Hall 208.
- PATRICIA DILLON, *Secretary to Registrar*, Greene Hall 207.
- WILLIAM R. DUNBAR, A.B., *Director of Yates College Union*, Union Building.
- MARILYN ELLER, *Secretary to the Director of Alumni Activities*, Greene Hall 101.
- FAYE ERVIN, *Secretary to the Dean of the College*, Greene Hall 206.
- JANE FERRILL, A.B., *Acquisitions Librarian*, Library.
- ED FORBES, *House Director*, Eaton Residence Hall.
- DEOLA GAIRRETT, *Assistant to the Registrar*, Greene Hall 207.
- MARGE GARRETT, *Secretary to the Vice-President in charge of Business Administration*, Greene Hall 306.
- MRS. A. L. HANNA, *House Director*, Kappa Alpha Fraternity.
- BILL R. HARVEY, *Director of Food Service*, Yates College Union.
- STANLEY I. HAYDEN, B.S., M.A., *Admissions Counsellor*, Greene Hall 102.
- MRS. HOMER HUFF, *House Director*, Sigma Nu Fraternity.
- J. ELDON JOHNSON, A.B., *College Evangelist*, Greene Hall 306-307.
- BEVERLY JONES, B.S., M.S., *Cataloger*, Library.
- NAOMI KEELE, *Secretary to the President*, Greene Hall 300.
- BILLIE LEATHERMAN, *Purchasing Agent*, Greene Hall 210.
- MARLENE LOHSE, *Secretary to the Vice-President*, Greene Hall 303.
- CLAUDE E. MIKKELSEN, A.B., M.A., *Admissions Counsellor*, Greene Hall 102.
- MARCIE C. MORGAN, *Secretary to the Director of Admissions*, Greene Hall 102.
- SANDRA NESTER, *Secretary to the Assistant Treasurer*, Greene Hall 209.
- JOHN NOWELL, A.B., *Manager*, William Jewell Press, Gano Chapel.
- H. L. PERRINE, *Plant Superintendent*, Greene Hall 100.
- EVELYN SCHOENBERGER, *Secretary to the Vice-President in charge of Public Relations*, Greene Hall 308.
- MAX WHILES, *House Director*, Ely Residence Hall.
- HARLEY WYATT, A.B., *Admissions Counsellor*, Greene Hall 102.

1958-59 STANDING COMMITTEES OF THE FACULTY

(First named on each committee is Chairman)

- Admissions* — Edson, Derwacter, Bates, Holzapfel, Green.
- Advertising* — Green, Holzapfel, M. Jones, Hester, Binns.
- Alumni Achievement Citations* — Edson, Carlin, Hester.
- Athletics* — Holzapfel, Hester, Binns, M. Jones, LaFrenz, Lakin, Patterson, Nelson, Green.
- Catalog* — Derwacter, Green, Nowell, Bruner, Hunnicutt, Watkins, Edson, Holzapfel.
- Committee on Encouraging College Teaching as a Profession* — Hunt, Bowman, Edson.
- Chapel* — Hester, Binns, Cady, Bray, Moore.
- Chapel Attendance* — LaFrenz, O. Thomas, Trotter, Chiles, Cuthbertson, Hilton, Hunt, Wingo, Crawford, Ward.
- "Who's Who" Among Students in American Universities and Colleges* — Bowman, P. Thomas, Derwacter, Bates, Rice, Patterson, Holzapfel, Cady, Gier.
- Curriculum* — Edson, McCarty, Bowman, Trotter, Pugh, Moore, Derwacter.
- Discipline* — Binns, Hester, LaFrenz, Patterson, Holzapfel, Edson.
- Faculty Advisers of Freshmen* — Holzapfel, Bruner, Mitchell, Moore, McDaniel, El Samman, Lakin, Prather, Bowman, Trotter.
- Faculty Advisers of Student Council* — Pugh, Truex, Holzapfel, Trotter, Crawford.
- Freshman Initiation* — Erwin, Bates, Isley, Nelson, Morrow, Newlon.
- Fraternities and Sororities* — Hunt, Derwacter, Bates, Rice, Erwin.
- Library* — Carlin, Wilson, Hunt, Hilton, Griffiths, Whaley, R. Jones.
- Music and Dramatics* — Cady, Rice, Lovan, Lakin, Baker, Millsom.
- Registration* — Derwacter, Pugh, Edson, Wilson, Huselton, L. O. Jones.
- Religious Activities* — Bray, Hester, Whaley, Bates, Moore, Cuthbertson.
- Scholarships and Loans* — Holzapfel, Hester, Binns, Bates, M. L. Jones, Green, Edson.
- Student Activities* — Holzapfel, Bates, Truex, Nelson, Gourley, Prather.
- Faculty Representatives on Board of Control* — Green, Bowman, Truex.

Faculty

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

WALTER POPE BINNS, 1943; A.B., Th.M., D.D., LL.D., *President of the College.*

*WILLIAM W. ADAMS, JR., 1955; B.A., M.A., *Assistant Professor of History and Political Science.*

GEORGIA B. BOWMAN, 1947; A.B., B.J., A.M., Ph.D., *Director of Forensics and Associate Professor of English.*

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

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

LUTIE CHILES, 1950; A.B., M.A., *Professor of Education.*

LEE CISEL, 1958; LL.B., *Lecturer in Business Law.*

RODNEY H. COFRAN, 1951; M.F.A., *Instructor in Art.*

ROGER C. CRAWFORD, 1956; A.B., M.S., *Assistant Professor of Physics.*

WILLIAM CUTHBERTSON, 1958; A.B., Th.B., *Assistant Professor of History.*

FREDERICK M. DERWACTER, 1928; A.B., B.D., S.T.M., Ph.D., *Head of Department of Ancient Languages and Professor of Greek.*

FRANK G. EDSON, 1929; A.B., A.M., Ph.D., *Head of Department and Professor of Chemistry.*

JULIA A. EL SAMMAN, 1957; B.A., M.A., *Instructor in French.*

THOMAS J. ERWIN, 1956; A.B., M.A., *Assistant Professor of Psychology.*

LELAND J. GIER, 1941; A.B., B.S., M.S., Ph.D., *Head of Department and Professor of Biology.*

DARRELL GOURLEY, 1958; B.S., Ed.M., *Assistant Professor of Physical Education.*

JOSEPH H. GRIFFITHS, 1956; A.B., M.A., Ph.D., *Head of Department and Professor of Psychology.*

JERZY HAUPTMANN, 1958; Ph.D., *Lecturer in Political Science.*

HUBERT I. HESTER, 1926; A.B., Th.M., Th.D., D.D., *Head of Department and Professor of Religion.*

WALLACE A. HILTON, 1946; A.B., A.M., M.S., Ed.D., *Head of Department and Professor of Physics.*

JOHN M. HUNNICUTT, 1956; A.B., M.A., *Head of Department and Professor of Sociology.*

W. MURRAY HUNT, 1953; A.B., B.D., *Professor of Philosophy.*

JOSEPH P. HUSELTON, 1954; B.S., M.S., Ph.D., *Associate Professor of Chemistry.*

THURSTON F. ISLEY, 1930; A.B., M.Ed., *Head of Department and Professor of Education.*

LEE O. JONES, 1942; B.S., A.M., *Head of Department and Professor of Mathematics.*

ROBERT C. JONES, 1958; B.A., M.A., Ph.D., *Assistant Professor of English.*

D. VERN LA FRENZ, 1945; A.B., *Associate Professor of Mathematics.*

EDWARD LAKIN, 1950; B.S., M.A., *Professor of Music and Director of Band and Orchestra.*

LYDIA LOVAN, 1946; A.B., *Associate Professor of Music.*

PAUL T. MCCARTY, 1941; A.B., A.M., Ph.D., *Head of Department and Professor of German, French and Russian.*

RUTH MCDANIEL, 1943; A.B., A.M., *Professor of Modern Languages.*

LETHA O. MILLSOM, 1956; B.S., M.A., *Instructor in Music.*

EDNA M. MITCHELL, 1955; A.B., M.A., *Assistant Professor of Education.*

DAVID O. MOORE, 1956; A.B., B.D., Th.M., Th.D., *Professor of Religion.*

ELMAN A. MORROW, 1947; A.B., A.M., Ed.D., *Professor of Mathematics.*

JAMES A. NELSON, 1950; B.S., A.M., *Assistant Director of Physical Education and Head Basketball Coach.*

CHARLES F. J. NEWLON, 1956; A.B., *Instructor in Biology.*

NORRIS A. PATTERSON, 1950; B.S., A.M., Ed.D., *Head of Department, Director of Physical Education and Head Football Coach.*

*OLIVER C. PHILLIPS, JR., 1955; B.S., M.A., *Associate Professor of Latin.*

MARGARET PRATHER, 1951; A.B., A.M., *Assistant Professor of English.*

ULMA R. PUGH, 1929; A.B., A.M., Ph.D., *Head of Department and Professor of History.*

VIRGINIA D. RICE, 1930; A.B., A.M., *Associate Professor of English and Dramatics.*

LOUIS R. RIEMER, 1956; B.Mus., M.Mus., *Instructor in Stringed Instruments.*

GLORIA SLAGLE, 1957; B.Mus., M.Mus., *Instructor in Piano.*

OLIVE E. THOMAS, 1936; A.B., A.M., *Associate Professor of Biology.*

PATSY THOMAS, 1958; B.S., *Director of Physical Education for Women.*

ROBERT S. TROTTER, 1949; A.B., B.D., Ph.D., *Head of Department and Professor of Philosophy.*

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

GLADYS WARD, 1956; A.B., *Instructor in English and Speech.*

KERMIT C. WATKINS, 1956; A.B., M.A., Ph.D., *Head of Department and Professor of Economics.*

EARL R. WHALEY, 1955; B.S., B.D., Th.M., M.A., *Associate Professor of Sociology.*

HERMAN P. WILSON, 1957; B.A., M.A., Ph.D., *Head of Department and Professor of English.*

E. OTHA WINGO, 1958; B.A., M.A., *Assistant Professor of Latin.*

*On leave 1958-59.

PROFESSORS EMERITUS

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

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

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

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

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

Campus

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

CHAPEL

The John Gano Memorial Chapel was named in honor of the Reverend John Gano, who established the First Baptist Church in the city of New York and served as chaplain in the army of George Washington. The auditorium seats 1100 persons. It is equipped with a Hammond electric organ. It has a large stage for dramatic and musical productions. Facing the foyer on the main floor, and also on the second floor are the studios and practice rooms of the department of music. Below the auditorium and reached by an outside entrance on the east is the 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.

THE WILLIAM F. YATES COLLEGE UNION

The Yates College Union is located for greatest convenience west of Gano Chapel and north of the Library. Construction was begun in the fall of 1956 and completed for the college year 1957-58. Here is found the center of college social life. It houses the entire food service, the Snack-Bar, and the College Book Store. There is ample room for rest and relaxation, for informal discussion groups, and a combination auditorium and social hall. The Student Senate, the student publications (*The William Jewell Student* and the *Tatler*), and the College Union Board have their offices in this building.

THE LIBRARY

The Andrew Carnegie Library, south of the chapel on the west side of the walk, houses 76,500 volumes. In the large reading room may be found encyclopedias, dictionaries, and other reference books. The reading room receives regularly 396 selected periodicals. Ninety-nine of the important magazines are bound in volumes covering many years. These are accessible to students.

The library and reading room are open as follows: *Monday*, 7:50 A.M.-5:20 P.M.; *Tuesday, Wednesday and Thursday*, 7:50 A.M.-5:30 P.M.

and 7:15-9:45 P.M.; *Friday*, 7:50 A.M.-5:30 P.M.; *Saturday*, 8:30 A.M.-11:50 A.M.

The library receives United States government publications regularly, and these pamphlets, periodicals, and books are classified and catalogued, 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 holographs; the "Ted Malone Collection of Poetry"; the "Hubmaier Collection," photostatic copies made by Dr. W. O. Lewis of the complete writings of Dr. Balthasar Hubmaier, the great Anabaptist reformer; and the "John F. Herget Limited Editions Club Collection." The archives of the Missouri Baptist Historical Society are also housed in the library.

JEWELL HALL

Jewell Hall, described in *The Missouri Guide* as an outstanding example of Classical Revival architecture, contains the lecture rooms of language and literature, philosophy, religion, history, economics, sociology, psychology and education. The interior of this building, the oldest on the campus, was completely modernized in 1948.

MARSTON HALL

Marston Science Hall, standing on the southern point of "The Old Hill," houses the departments of biology, chemistry, physics, mathematics and psychology. This building was thoroughly renovated in 1953, and the most modern scientific equipment installed, at a total cost of \$130,000. It is of fireproof construction throughout and especially designed for science work.

The College Museum, on the fourth floor of Marston Hall, is made up of several cases of relics collected by missionaries, many items of historical interest, and a large collection of specimens of natural history used in science classes. Missionary collections and mammals are in cases in the hallways, representative birds in wall cases around the large lecture room and the historical and geological collections are in cases in an adjoining display room.

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

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

GREENE HALL

On the east slope of the hilltop and facing the west is the 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.

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, then as class room building, and finally as quarters for the music department before the removal of that department to Gano Chapel. Renovated and remodeled, the building again serves its original purpose, and President Binns is able to live on the campus in the traditional president's home.

MELROSE HALL

Melrose Hall, a residence hall for women, stands on a wooded hilltop northwest of the President's Home. It contains accommodations for eighty women as well as a modern recreation room, and an infirmary supervised by a resident nurse.

MINISTRY JONES RESIDENCE HALL FOR WOMEN

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

ELY RESIDENCE HALL FOR MEN

On the southeast of the drive that leads from Melrose Hall back to the quadrangle, and just north of the gymnasium, is Ely Hall, a residence hall with accommodations for 136 men.

THE ROBERT B. SEMPLE RESIDENCE HALL FOR WOMEN

The Semple residence hall for women is located between Melrose Hall and Jones Hall. It replaces the four resident houses near the campus which had been owned and operated by the college, and accommodates fifty additional students. It was open for occupancy in September, 1957.

THE JAMES R. EATON RESIDENCE HALL FOR MEN

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

GYMNASIUM

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

ATHLETIC FIELD

The athletic field of twenty acres is southeast of the gymnasium. It contains a quarter-mile and a 220-yard straightaway cinder track, and the football field. The field is lighted 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.

STADIUM

Built in 1955 at a cost of \$91,000, the William Jewell Stadium is located on the west side of the football field. There is a heated press-box atop the structure and below are concession stands, rest rooms and squad room for the visiting team. The stadium is 66 x 220 and on 32 rows of seats accommodates 4500 spectators. Additional stands across the field make the total seating capacity more than 7000.

HEATING PLANT

A modern central heating plant standing north of the gymnasium, was erected at a cost of approximately \$170,000, and 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.

Costs

	<i>Per Semester</i>	<i>Per Year</i>
Board, room, tuition and fees	607.50	1215.00
Non-residents, tuition and fees only	275.00	550.00
Board, room, tuition and fees for students committed to full-time Christian service	497.50	995.00
Non-residents committed to full-time Christian service, tuition and fees only	165.00	330.00

Students registering for more than five but less than twelve semester hours will pay \$21.00 tuition per semester hour plus the fees of \$25.00 per semester. For students committed to full-time Christian service the rate will be \$12.00 tuition per semester hour plus the fees of \$25.00 per semester. This \$25.00 in fees, which is included in all the above costs of attending William Jewell College, is for the following: Year book publication, picture, the Student publication, College Union fee, Activity fee, Athletics fee, plays and Lyceum. Students registering for five hours or less will pay the above tuition rates per hour but will not be required to pay the \$25.00 in fees.

All students taking more than seventeen semester hours in a semester pay \$10.00 for each credit hour above seventeen, except that two hours may be allowed over seventeen if in applied music. This allowance applies to band, orchestra and chorus as well as to individual lessons.

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

<i>Activity</i>	<i>Per Semester</i>
Music Majors: one lesson per week	\$25.00
two lessons per week	50.00
Non-Music Majors: one lesson per week	45.00
two lessons per week	90.00
Special Students: one lesson per week	45.00
Piano practice rental: for one period daily	5.00
Organ practice rental: for one period daily	13.50
Orchestra instruction practice room: for one period daily	2.00
Stringed instrument rental	5.00
Wind instrument rental	3.00
Voice Class	10.00
The year fee is twice the semester fee.	

Special Fees:

For late registration (see calendar for date effective)	5.00
For late settlement of charges (see calendar for date effective)	3.00
For change in course after registration, <i>each credit hour</i>	1.00
Graduation fee, seniors only, payable at time of fall registration	10.00
For auditing any course, part-time students, per semester hour	10.00
For auditing any course, full-time students, per course	10.00

DEFERRED PAYMENT FEE

All charges are expected to be paid in full at the time of matriculation. If an extension of credit involving time payment is imperative, an application must be filed with the Treasurer's Office for approval. A 2% fee is charged for the amount of credit extended.

HELP IN MEETING EXPENSES

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

REFUNDS

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

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

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

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

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

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

The college reserves the right to adjust costs should general economic conditions warrant.

TRANSCRIPTS

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

REDUCED TUITION

William Jewell College extends the courtesy of reduced tuition to properly accredited students for the ministry and missionary service and their wives, to unmarried sons and unmarried daughters of ordained ministers, and to young women approved by their church as students who are committed to full time Christian work as a vocation. Sons and daughters of foreign missionaries receive tuition free. These students are all charged the same fees as other students.

A meeting of all ministerial and missionary students is held at the opening of the session. A special committee of faculty members and denominational leaders confers with each new student concerning his Christian experience and his call to 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.

Each ministerial student signs a pledge at the time of registration that should he for any reason fail to adhere to his purpose of giving himself to full-time Christian service he will repay the college for the aggregate amount of reduction in tuition given him as a ministerial student.

SCHOLARSHIPS

William Jewell College through the generosity of friends is able to offer a number of scholarships to worthy students of high scholastic rank who would not otherwise be able to secure a college education. These scholarship funds are administered through a scholarship committee of which the Dean of Students is chairman. Applicants for these scholarships should correspond with the Dean of Students who will furnish the necessary application forms. Each freshman who receives scholarship or grant-in-aid assistance must apply to Dean E. W. Holzapfel on forms supplied by his office.

Before April 1 each year full-time Christian vocation students must indicate to Dr. H. I. Hester, Vice-President, their intentions as to

whether they expect to return to school the next fall. Other students must indicate their intentions to Dean E. W. Holzapfel. *Failure to indicate an intention to return to school will forfeit the award* and it will be made to someone else.

The following regulations govern the award of all scholarships:

1. Each student who receives a scholarship, or a grant-in-aid, (student employment and ministerial tuition discount excepted), must receive the approval of the Scholarship Committee.

2. Unless excused by the Committee, holders of scholarships are expected to maintain a grade point ratio of not less than three. If during any semester their grade point ratio falls below three, they will be warned, and failure to make a ratio of three the next semester in residence will forfeit the award until a ratio of three is made. If a student falls below three in his or her grade point ratio for three times, the scholarship is permanently lost. Grants-in-aid are awarded by the scholarship committee on the basis of need and academic standing.

3. Excessive absences from Chapel, irregular habits of class attendance, and other evidence of lack of serious purpose is sufficient to withdraw scholarship and grant-in-aid assistance to any student. Recipients of aid from scholarship funds should be aware of the trust and responsibility they accept when they receive aid. They are expected to acknowledge their appreciation by meeting fully the opportunities which this aid provided.

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

5. Scholarship recipients are not allowed to maintain motor vehicles on the campus, unless a need is established to the satisfaction of the scholarship committee.

6. Awards are normally renewable each year if the conditions outlined above are met.

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

<i>Name</i>	<i>Principal</i>
W. B. Ballew	\$1,000.00
Blanchard Fund (ministerial)	2,173.75
George B. Bridges Memorial	5,000.00
Samuel J. Brown Memorial	90.00

James M. Browning	500.00
W. P. and Cora R. Browning Memorial	47,547.33
George S. Bryant	500.00
Margaret Elizabeth Bryant	500.00
Pauline Bryant	500.00
C. M. Buckner	1,000.00
C. M. Buckner Memorial	1,000.00
John L. and Elizabeth Burnham	500.00
Nannie Burns	588.13
Richard A. Bywaters	1,500.00
William W. Bywaters	500.00
Emma A. Campbell	1,000.00
U. S. Campbell	500.00
J. L. Carmichael	500.00
J. C. Carter	1,000.00
Centralia Church (St. Louis)	500.00
Joe L. Clarke	15,236.04
Class of 1908	52.92
Harriet M. Cole and Edna Cole	700.00
Emmeline Willis Cromwell (ministerial)	103.72
William P. Crosswhite	500.00
W. A. and Martha Alice Crouch	1,000.00
Mary B. Cunningham	38,357.64
Delmar Baptist Church (St. Louis)	6,500.00
James L. and Ruth Downing Memorial	555.10
Mary H. Elliott	1,000.00
W. F. Elliott (ministerial)	1,000.00
C. J. Elmore	1,490.54
Benjamin and Martha Herndon Ely (Juniors)	2,000.00
Frank Ely	500.00
R. C. Ely	500.00
Howard L. and Louise Emerson Memorial	13,500.00
Donald Deppin Everett	500.00
J. Everingham	500.00
S. Fred Farrar	500.00
First Baptist Church (St. Joseph)	1,500.00
Henry W. Gilliam Memorial	1,000.00
Noah M. Givan	1,000.00
J. P. Graham	500.00
Graham Baptist Church (Skidmore, Mo.)	1,500.00

Cynthia A. Graves (ministerial)	500.00
Mrs. J. R. Green	500.00
John D. Green (ministerial)	500.00
Amanda E. Harbaugh	545.77
Wm. C. Harris Mem. (Ministerial)	2,412.85
John F. Herget	1,000.01
John Minor Herget Memorial	2,100.00
Cloice R. Howd Memorial	4,132.03
Humphrey	1,000.00
Elizabeth Price Johnson	1,000.00
Minetry Jones	1,500.00
Kansas City BYPU	550.00
Jennie Lee Memorial	874.64
A. R. Levering	2,000.00
Maryville Baptist Church	500.00
Mayview Baptist Church	500.00
Thomas F. Melvin (ministerial)	1,000.00
G. T. Millen	1,500.00
William Johnson Montgomery	500.00
James M. Motley	10,000.00
Northeastern	600.00
Captain Bower Reynolds Patrick Memorial	1,000.00
Garnett M. Peters	5,000.00
Mary Best Peters Memorial	5,000.00
Mrs. Albert L. Reeves Memorial	598.50
William James and Susie Ray Robinson	7,615.00
Roselle Estate	18,734.70
William M. Senter	1,000.00
Catherine, Janet, John Sillers (Senior competitive)	1,500.00
Lola Wayland Stamper Memorial	25,000.00
Alexander Trotter	2,500.00
Martha F. Trotter	500.00
Richard E. Turner	1,000.00
Alma Welch Memorial	38.15
William Earl Widner Memorial (ministerial)	10,000.00
W. J. Williamson and Central Church of St. Louis Memorial	1,206.00
John B. Wornall	4,500.00
Wyatt Park Baptist Church (St. Joseph)	500.00

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

The Farmers Insurance Group Scholarship. The Farmers Insurance Group has selected a number of independent colleges and universities to whom they award annually a certain sum of money on the basis of the length of service of their employees who are graduates of independent colleges. For 1959-60 the sum of \$300 is designated for William Jewell College, and will be awarded to a student in the Sophomore, Junior or Senior class, who is majoring in Business Administration or one of the recognized liberal arts.

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

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

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

The General Motors Scholarship of from \$200 to \$2000 per year is awarded each year to a student entering William Jewell College. This is a competitive scholarship, and the amount given depends upon the

demonstrated need of the individual who receives the award. Details about tests and other requirements may be learned by writing to the Dean of Students, William Jewell College. Application should be made before May 1, for the succeeding academic year.

AWARDS

The John R. Smiley Award is \$50.00 cash given at Commencement to the graduating senior who has the highest scholastic average for his or her entire course. All academic credits must have been earned at William Jewell College.

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

The Frank B. Hearne Medal in Chemistry is awarded annually for excellence in the study of chemistry. It is usually given to a senior, but in exceptional circumstances to an underclassman. At the discretion of the Trustee and with the approval of the recipient, the income of this endowment (\$1,000) may be awarded in cash, as provided in the will of Mrs. Roberta Lee C. Hearne, widow of Frank B. Hearne whose education was obtained at William Jewell College.

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

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

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

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

plaque was presented to the college and the award was first made in 1947.

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

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

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

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

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

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

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

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

The Josephine Jewell Memorial Award is \$50.00 for excellence in the study of the French language. The amount of this award is

allocated one-half to the young man and one-half to the young woman in the first-year French class who have made the best records for the year. The award is made each year at commencement exercises.

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

Knights Templar Educational Foundation of Missouri Award of \$100.00 is made to worthy students of high scholastic standing.

The George A. Ross Mathematics Award is the income of \$2500, distributed as First and Second Prizes to "the highest two outstanding students in mathematics in each graduating class."

LOAN FUNDS

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

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

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

The John E. and Emma J. Campbell Memorial Fund	\$2500.00
The E. Kemper Carter Student Loan Fund	5000.00
The Bryant Memorial Fund	1000.00
The Belch Memorial Student Loan Fund	11034.97

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

The Winterowd Student Loan Fund	\$300.00
Children's Home Student Loan Fund	500.00
Englewood Baptist Church (Chicago) Student Loan Fund	125.00
Class of 1915 Student Loan Fund	400.00
Miscellaneous Student Loan Funds	767.50
The Allen B. Colfrey Memorial Fund	355.00

Admission

REQUIREMENTS FOR ADMISSION

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.

Of the 15 units required for entrance, three units must be in English, eight units should be from other academic subjects such as foreign languages, mathematics, natural sciences, and social sciences, and four 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.

Cumulative standard test records are carefully considered with any application for admission. 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.

A student entering William Jewell should also have recommendations from a 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 deny admission to any student whose high school record or moral life seem to make him unfit for college life.

Students transferring from other colleges must provide a statement of honorable dismissal from the college last attended, and a transcript of credits. These should not be presented by the student, but should be sent to the Dean of Students by the college issuing them.

At the time of enrolment, Veterans should have their Certificates of Eligibility and Entitlement.

HOW TO APPLY FOR ADMISSION

1. Make an application on forms secured from the Director of Admissions. All applications will be formally passed upon by a faculty committee on admissions, and must be accompanied by a deposit of \$20.00 which is returned if the application is rejected.

2. Ask the Dean of Students to reserve a room for you in a residence hall. The above application fee covers this reservation.

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

4. Note in the College Calendar in the front of this Catalog the dates for your arrival, for orientation, for registration and the beginning of class work.

ADVANCED STANDING

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

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

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

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

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

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

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

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

Registration

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

For the first semester of the 1959-1960 session, upperclassmen will register Monday, Tuesday and Wednesday, September 14, 15, 16.

Freshmen will register Wednesday and Thursday, September 16, 17.

For the second semester, registration for all students will take place Monday and Tuesday, February 1 and 2, 1960.

Students will not be registered at any other times.

Registration must be completed, which means settlement of all charges at the Treasurer's office, by Friday, September 18, (first semester), or Wednesday, February 3, 1960, (second semester).

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.

All students who have credits from other colleges must complete the entire senior year (minimum, thirty semester hours) at William Jewell in order to receive a degree from this institution.

LATE REGISTRATION

An extra fee of five dollars will be charged for registration after the dates indicated in the college calendar.

In addition to the five dollars charged for late registration, an additional charge of three dollars will be made for settlement of the whole amount of charges for the semester's expense after the dates indicated in the college calendar.

SEMESTER SYSTEM

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

UNIT OF CREDIT

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

SCHEDULE OF WORK

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

COURSES FOR AUDIT

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

CHANGES IN COURSES

All changes in a course of study must be approved by the Dean and are *not allowed after the third week* from the beginning of a semester, which is calculated from the *first day of registration*. Exceptions may be made on the recommendation of the College Physician or the Head of the Department in which the student is majoring. Any student who attends a class which is not listed on the Registrar's card and without the permission of the Dean will receive no credit for such work; and a student who drops a course without the approval of the Dean will receive an F on the course at

the end of the semester. Students who wish to change their major or minor field, once these have been selected, should have the written approval of the Dean before any change is made.

Unless a demonstrated error has been made in the student's advisory program, all changes in courses are assessed a charge of \$1.00 for each credit hour involved. No course may be added after the second week following the day all classes start after registration.

CLASS SIZE

The College reserves the right to discontinue any class in any course when the enrollment in it is not sufficient to justify its being held. This decision is made by the Dean of the College. Generally, classes in which the enrollment is less than 6 will not be maintained.

Graduation

REQUIREMENTS FOR GRADUATION

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

CLASSIFICATION OF COURSES

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

Group I. Communications:

English Composition, French, German, Greek, Latin, Spanish.

Group II. Mathematics and Natural Sciences:

Mathematics, Biology, Chemistry, and Physics.

Group III. Social Sciences:

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

Group IV. Humanities:

English Literature, Philosophy, Religion, Music.

SPECIFIC REQUIREMENTS

Every student must choose a major. Upon entering college he is assigned to a member of the faculty who acts as an adviser in planning his course of study. When he has chosen his major, which is usually done by the beginning of the sophomore year, the head of that department at once becomes his adviser and confers with him as he decides what courses are required for graduation or are advisable in view of his plans for life-work. A major varies from twenty-four to forty semester hours, depending upon the subject chosen, taken in regular sequence. Each student is expected to complete the requirements for graduation in the catalog dated and effective the year he or she enters college. If a subsequent decision is made to follow a later catalog, through a bonafide change in major, then the requirements in effect at that time must be met. Any student whose record is seven years old, and who has not graduated, may be expected to be required to

change to the requirements set forth in later announcements. The Dean of the College should be consulted in all cases.

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

2. All seniors are required to pass a comprehensive examination in their major field.

3. Every student is required to take six semester hours of Freshman English *during his freshman year*. Every entering student takes an English placement test, and if the results warrant it, is required to take a course in Remedial English without credit.

4. Every student must pass the *Upper Class English Examination* before graduation. This examination should be taken the second semester of the second year in residence. If it is not passed at that time it may be taken again the following year, provided that in the meantime appropriate remedial work has been taken either with or without credit. If this examination is not passed the second time it is taken, the student should not continue in school with the expectation of graduating from William Jewell College. This applies to all students whether transfers or not. Transfer students should consult the Registrar about the time they should take this examination.

5. Every student is required to take Speech 101 and 102 *during the freshman year*.

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

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

8. Each student is required to pass sixteen semester hours of one foreign language. An optional foreign language proficiency test may be taken, which is the equivalent of a second year final examination and which permits students who pass it to be excused from further courses in a foreign language, or allow them to enroll in a third year language course. A proficiency test, equal in difficulty to that expected upon completion of ten semester hours of the language in college, may be required of all students presenting two units of high school language before they are permitted to continue that language. Students who present two units of high school language on admission, may satisfy the language requirement by successfully passing six semester hours of work in the same language in courses above the

freshman level. The hours not thereby used in language may be used to take free electives. Language study should be commenced the Freshman year, and in no case later than the Sophomore. Conflicts caused by postponement later than the Sophomore year are difficult to resolve.

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

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

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

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 requirements in that group.

13. All other work necessary to make 124 semester hours for graduation is elective. As many of the general requirements as possible should be met in the student's freshman and sophomore years. Unless a specific outline published in this catalog is being followed, students are urged to pursue their work the freshman and sophomore years in accordance with the following typical program. Conflicts caused by deviations from this program are not easily resolved:

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
History 114 or 221	3	History 116 or 222	3
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Language, Science or Mathematics	5	Language, Science or Mathematics	5
Physical Education 101	1	Physical Education 102	1
<hr/>		<hr/>	
16		16	

Sophomore Year

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

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

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

15. Any senior who has completed all requirements for graduation with his class except eight semester hours of credit or less may, with the permission of the Dean, do 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 may be done by correspondence in some reputable institution, or in residence in some 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.

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

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

16. By November 1, each student who expects to graduate in January, or June, or August, must file an "Application for Graduation" with the Registrar.

Credits and Grades

CLASSIFICATION OF STUDENTS

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

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

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

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

SUMMER SCHOOL CREDIT

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

GRADING, EXAMINATIONS, AND GRADE POINTS

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

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

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

4. College students average 16 class hours of work per week. Those carrying less than 12 hours of work per week are classified as special students and their tuition is determined by the number of semester hours for which they register. Those carrying more than 17 pay an additional fee per hour. According to government regulations, college

students cannot be classified for selective service deferment if they are registered for less than 14 semester hours.

WITHDRAWAL FROM COLLEGE

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

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 ratio of 1.0.
2. At the end of his fourth semester have a minimum grade point ratio of 1.5.
3. At the end of his sixth semester have a minimum grade point ratio of 1.8.

HONORS

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

A student who completes the work for a degree with a grade point ratio between 3.5 and 3.7 for all work attempted, is graduated *Magna Cum Laude*, and this is cited with the degree.

To have his or her name appear on the Semester Honor Roll, students must: (1) have no grade in any subject less than C; (2) have a grade point ratio that ranks in the upper fifteen percent of the student body, and (3) carry not less than fifteen semester hours.

INCOMPLETE WORK

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

CORRESPONDENCE AND EXTENSION WORK

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 the consent of the head of the department and the approval of the Dean. A maximum of thirty semester hours of correspondence and extension work will be accepted. No student may receive credit for correspondence or extension work while enrolled at William Jewell College, nor will correspondence or extension credit be accepted by transfer from a student which was taken while enrolled in another institution.

CREDIT FOR MILITARY EXPERIENCE

Veterans with military service from six months to one year's duration will be allowed two semester hours of credit for Basic Physical Education, and Veterans with service experience of more than one year's duration will be allowed four semester hours of credit for Basic Physical Education, provided no other Physical Education credit is earned. Credit for Physical Education Activity, allowed on the basis of service experience, is awarded as a substitute for this activity, and not as an addition to earned credit.

To receive this credit, written application should be made to the Dean of the College, giving dates and locations of service experience. No particular forms are required.

Guidance

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.

ABSENCES FROM CLASSES

Each student makes his or her own decision regarding class attendance, accepting the responsibility that is necessarily involved. When absences occur greater than three in succession or five in total, the student is referred to the Dean of the College for appropriate action.

CHAPEL ATTENDANCE

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

REGULATIONS FOR RESIDENCE HALLS

1. In accordance with the practice of the most progressive educational institutions, all freshmen not living at home are required to live in the college residence halls.
2. All upperclass students who do not reside with their parents, guardian, or close relatives are required to live in college residence halls or fraternity houses (if a member).
3. All students residing in college residence halls must take their meals in the College Union.
4. Students living in any of the residence halls are expected to furnish their own bed linen, blankets, towels and curtains.
5. Major problems arising in the residence halls are referred to the Deans and the Discipline Committee. If it should become necessary to dismiss a student from a residence hall on account of misconduct, his future relations to the College will be determined by the faculty.

STUDENT PERSONNEL SERVICES

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

EDUCATIONAL GUIDANCE

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

HEALTH SERVICE

William Jewell College recognizes that the health of her students is an important factor in student morale and that the college is obligated to provide certain facilities for the protection of the general health of the student body, but cannot provide for the care of an individual student. The college physician supervises the health program. The services of a college nurse are available to all students at designated hours of each day.

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

Accident and sickness expense protection is available to all students. This plan insures all full-time students and is in effect for the nine-months school year. The cost for this protection is a responsibility of the individual student. The proximity of the college to Kansas City makes it possible to have any student affected with serious illness quickly transferred to an excellent hospital.

STUDENT ACTIVITIES

The program of Student Activities is a part of the personnel program and is the responsibility of the Director of Student Activities

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

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

PLACEMENT SERVICES

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

PART TIME EMPLOYMENT

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

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 Phi Omega* (dramatics); Atelier d'Aesthetique (art); *Beta Beta Beta* (biology); *Kappa Mu Epsilon* (mathematics); Panaegis (senior honor, for women); *Phi Alpha Theta* (history); Phi Epsilon (senior honor, 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); *American Chemical Society*, student affiliate chapter; *International Relations Club*; Philosophy Club; Psychology Club; William Jewell Players; "J" Club (athletic letter men); Women's Athletic Association; Squawkers (Pep Club).

Religious and service groups include *Alpha Phi Omega* (former Boy Scouts); Baptist Student Union; H. I. Hester Ministerial Association; Missionary Fellowship; Young Women's Auxiliary; Epsilon Omega Pi (women); Gamma Beta Nu (ministers' wives).

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

Student publications consist of *The William Jewell Student* (bi-weekly) and *The Tatler* (annual).

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

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

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 with full credit continue their work in Graduate Schools.

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

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

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

William Jewell College has also entered into a "three-two" plan of engineering with the Missouri School of Mines and Metallurgy at Rolla, whereby the student spends three years at William Jewell College — in residence — and two years at Rolla, and receives the A.B. degree from William Jewell College and an engineering degree from the Missouri School of Mines and Metallurgy.

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

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

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

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

ENGINEERING PROGRAM OF STUDIES (Columbia University)

Freshman

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

Sophomore

Foreign Language	5	Foreign Language	5
Humanities Elective	3	Mathematics 331	3
Mathematics 225	5	Mathematics 226	5
Physics 213	5	Physics 214	5
	—		—
	18		18

Junior

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

ENGINEERING PROGRAM OF STUDIES (Missouri School of Mines)

Freshman

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

Sophomore

Foreign Language	5	Foreign Language	5
Humanities Elective	3	Mathematics 331	3
Mathematics 225	5	Mathematics 226	5
Physics 213	5	Physics 214	5
	—		—
	18		18

Junior

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

SUGGESTED TWO-YEAR PRE-ENGINEERING PROGRAM

Freshman

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

Sophomore

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

*Civil Engineers should substitute Physics 212 for Economics 102.

FORESTRY

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

JOURNALISM

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

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

LAW

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

MEDICINE

Students planning to study medicine should consult the catalog of the medical school which they expect to attend so as to have all pre-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 the bachelor's degree.

The general course requirements are as follows: chemistry, 16 to 20 semester hours; biology, 8 to 12 semester hours; physics, 8 semester hours; English, 6 semester hours. The remaining courses should be selected from the humanities or social sciences: Latin, English literature, psychology, economics, sociology, philosophy, history. Some schools in addition require a reading knowledge of French and German.

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

MINISTRY

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

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

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

Curriculum

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

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

Credit for courses is given in semester hours.

ANCIENT LANGUAGES

The Robert Baylor Semple Department of Classics

GREEK

PROFESSOR DERWACHTER

Major: Courses 111, 112, 211, 227, 321, 322.

111, 112 ELEMENTARY GREEK. Inflection and syntax, word formation, and vocabulary building. Reading simple passages from Greek literature. Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F. at 1:15. 103 Jewell Hall.

211. SELECTIONS FROM GREEK LITERATURE.

Credit, 3 hours. Prerequisite, 112.

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

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

Credit, 3 hours. Prerequisite, 211.

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

321, 322. NEW TESTAMENT GREEK. 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 style, represented by the New Testament writers. Supplementary reading is done in the Septuagint, Josephus, Philo, the Apostolic Fathers, Epictetus, and vernacular papyri, as a background for the Greek of the New Testament.

Credit, 4 hours each semester. Prerequisite 227.

First and second semesters. T., W., Th., F. at 10:20. 103 Jewell Hall.

LATIN

PROFESSOR WINGO

PROFESSOR PHILLIPS (on leave 1958-59)

Major: Twenty-four semester hours, including 101, 102; 205 and 206 or 209 and 210; and 311.

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. The second will be devoted to further grammatical study and readings in Caesar's Gallic War. Not open to seniors without permission.

Credit, 5 hours each semester.

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

205, 206. CICERO'S ORATIONS. Included are some selections from other Roman writers.

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

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

209, 210. SELECTED READINGS FROM ROMAN WRITERS. This course includes an intensive review of Latin grammar along with the reading. The course is primarily intended for students presenting two units of high school Latin who wish to complete the language requirement.

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

First and second semesters. M., W., F. at 11:15. 101 Jewell Hall.

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

Credit, 3 hours. Prerequisite, 206 or 210, or three entrance units of high school Latin.

Either semester. M., W., F. at 10:20. 101 Jewell Hall.

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

Credit, 3 hours. Prerequisite, 206 or 210, or three entrance units of high school Latin.

Either semester. M., W., F. at 10:20. 101 Jewell Hall.

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

Credit, 2 hours. Prerequisite, 206 or 210, or three entrance units of high school Latin.

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

ART

MR. COFRAN

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. 1:15-3:15. 109 Marston Hall.

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

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

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

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

Curriculum

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

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

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ANCIENT LANGUAGES

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Credit, 3 hours. Prerequisite, 211.

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

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Credit, 4 hours each semester. Prerequisite 227.

First and second semesters. T., W., Th., F. at 10:20. 103 Jewell Hall.

LATIN

PROFESSOR WINGO

PROFESSOR PHILLIPS (on leave 1958-59)

Major: Twenty-four semester hours, including 101, 102; 205 and 206 or 209 and 210; and 311.

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. The second will be devoted to further grammatical study and readings in Caesar's Gallic War. Not open to seniors without permission.

Credit, 5 hours each semester.

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

205, 206. **CICERO'S ORATIONS.** Included are some selections from other Roman writers.

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

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

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

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

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

SUGGESTED PROGRAM FOR BIOLOGY MAJOR

Freshman

FIRST SEMESTER		SECOND SEMESTER	
Biology 107	3	Biology 108	3
English 115	3	English 116	3
Foreign Language	5	Foreign Language	5
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
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16		16	

Sophomore

Biology 201	3	Biology 202	3
Chemistry 103	5	Chemistry 104	5
Foreign Language 211	3	Foreign Language 212	3
Mathematics 111	3	History Elective	3
Elective	2	Elective	2
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16		16	

Junior

Biology Elective	5	Biology Elective	5
Chemistry or Physics Elective	5	Chemistry or Physics Elective	5
Psychology 211	3	Psychology 212	3
Social Science Elective	3	Social Science Elective	3
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16		16	

Senior

Biology 343	1	Biology 344	1
Biology 317	3	Biology 318	3
Biology Elective	4	Biology Elective	4
Humanities Elective	4	Humanities Elective	2
Free Elective	3	Free Elective	5
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15		15	

CHEMISTRY

The James Andrew Yates Department of Chemistry

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

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

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

Credit, 5 hours.

First semester. Lectures, M., T., W., F. at 11:15. Laboratory, Th. 10:20-12:00. B-10 Marston Hall.

PROFESSOR HUSELTON.

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

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

First and second semesters. Lectures, M., W., F. at 11:15. Laboratory, Section A: M., W. at 2:10. Section B: T., Th. at 2:10.

PROFESSOR EDSON.

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

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

First semester. Lectures, T., Th. at 7:50, F. at 2:10. Laboratory, M., W. at 2:10. 107 Marston Hall.

PROFESSOR HUSELTON.

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

Credit, 6 hours. Prerequisite, Chemistry 201.

Second semester. Lectures, M., W., F. at 7:50. Laboratories, M., W., F. at 2:10. 107 Marston Hall.

PROFESSOR HUSELTON.

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

Credit, 5 hours each semester.

First and second semesters. Lectures, M., W., F. at 7:50. Laboratory T., Th. at 1:15. 107 Marston Hall.

PROFESSOR EDSON.

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

Credit, 2 hours.

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

PROFESSOR EDSON.

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

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

First semester. Lectures, M., W., F. at 10:20. Laboratory, T. 2:10. 107 Marston Hall.

PROFESSOR HUSELTON.

402. PHYSICAL CHEMISTRY. A continuation of the lectures of course 401. Credit, 4 hours.

Second semester. Lectures, M., W., F. at 10:20. Laboratory, T. 2:10. 107 Marston Hall.

PROFESSOR HUSELTON.

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

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

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

PROFESSOR HUSELTON.

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

Credit, 3 hours. Prerequisites, 204 and 302.

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

PROFESSOR EDSON.

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

Credit, 1 to 3 hours each semester.

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

PROFESSORS EDSON AND HUSELTON.

ECONOMICS AND BUSINESS ADMINISTRATION

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

ECONOMICS

Major: Twenty-four semester hours including 101 and 102, which is in general prerequisite to all other courses in the department.

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

Credit, 3 hours.

First semester. M., W., F. at 7:50 and 1:15. 303 Jewell Hall.

PROFESSOR WATKINS.

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

Credit, 3 hours.

Second semester. M., W., F. at 7:50 and 1:15. 303 Jewell Hall.

PROFESSOR WATKINS.

201. LABOR PROBLEMS AND PERSONNEL ADMINISTRATION. A study of relationships in the modern technological society from the points of view of labor, management and the public. After a brief survey of labor history, major attention is given to such problems as wages, hours, working conditions, social security, unionism, and labor legislation. Some attention is given to methods for securing industrial peace. Alternate years. Given 1959-60.

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

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

PROFESSOR WATKINS.

202. MONEY AND BANKING. A study of the origin, function, and systems of money and banking, with special emphasis on the Federal Reserve System. Special reference is made to current conditions and problems with a view to monetary and banking reform. Alternate years. Given 1960-61.

Credit, 3 hours. Prerequisite, 101 and 102.

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

PROFESSOR WATKINS.

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

Credit, 3 hours. Prerequisite, 101.

First semester. M., W., F. at 7:50. 205 Jewell Hall.

PROFESSOR TRUEX.

314. BUSINESS CYCLES. The phenomena of prosperity and depression. Attention is given to the factors that underlie the processes of change within the business system. Special stress is placed upon the interpretation of current conditions and the numerous devices designed to minimize business fluctuations. Offered in alternate years. Given 1960-61.

Credit, 3 hours. Prerequisite, 101 and 102.

Second semester. M., W., F. at 1:15. 203 Jewell Hall.

PROFESSOR TRUEX.

318. TAXATION AND PUBLIC FINANCE. The economics of governmental expenditure. Special emphasis is placed on the shifting and incidence of taxes, and special consideration is given to the various types of taxes. Other problems include governmental borrowing and the public debt. Offered in alternate years. Given 1960-61.

Credit, 3 hours. Prerequisite, 101.

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

PROFESSOR WATKINS.

342. COMPARATIVE ECONOMIC SYSTEMS. An analysis is made of the chief criticisms of the capitalistic economic system. This is followed by a survey and comparison of socialism, communism, and fascism, with special emphasis upon their economic problems and the theories upon which each is dependent. The economic systems of the United States, Russia, England, Germany, and Italy are compared. Offered in alternate years. Given in 1959-60.

Credit, 3 hours. Prerequisite, 101.

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

PROFESSOR WATKINS.

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

Credit, 3 hours. For Seniors. Prerequisite, 101 and 102.

Second semester. M., W., F. at 8:45. 118 Marston Hall.

PROFESSOR WATKINS.

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

Personal conference method and regularly scheduled meetings of the group.

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

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

PROFESSOR WATKINS.

SUGGESTED PROGRAM OF STUDY FOR ECONOMICS MAJOR

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
Business Administration 211	3	Business Administration 212	3
English 115	3	English 116	3
Foreign Language	5	Foreign Language	5
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
	<u>16</u>		<u>16</u>

Sophomore Year

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

Junior Year

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

Senior Year

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

BUSINESS ADMINISTRATION

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

211. ACCOUNTING I. A beginning course designed to give students an understanding of the field of business and to provide a tool for the analysis of business phenomena. The basis of double-entry recording, the use of common accounting records and preparation of financial reports, emphasizing the analytical functions of accounting. Two extra periods each week for laboratory. Th., F. at 10:20.

Credit, 3 hours. For sophomores.

First semester. M., T., W. at 10:20. B-8 Marston Hall.

PROFESSOR TRUEX.

212. ACCOUNTING II. The application of principles of accounting to the operation of manufacturing concerns and to corporations. Analysis and interpretation of accounting reports, the budget system of control, and application of principles of internal check and audit. Two extra periods each week for laboratory. Th., F. at 10:20.

Credit, 3 hours. For sophomores.

Second semester. M., T., W. at 10:20. B-8 Marston Hall.

PROFESSOR TRUEX.

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

Credit, 3 hours.

Second semester. M., W., F. at 12:10. Laboratory period on alternate weeks (to be arranged). B-8 Marston Hall.

PROFESSOR TRUEX.

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

Credit, 2 hours.

First semester. T., Th. at 11:15. 205 Jewell Hall.

PROFESSOR TRUEX.

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

Credit, 2 hours.

Second semester. T., Th. at 11:15. 205 Jewell Hall.

PROFESSOR TRUEX.

312. **CORPORATION FINANCE.** A study of the formation, combination, merger, receivership, reorganization, and dissolution of corporations; including capitalization, surplus, dividends, and reserve policies. Offered in alternate years. Given 1959-60.

Credit, 3 hours. Prerequisite, Economics 101.

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

PROFESSOR WATKINS.

316. **INVESTMENTS.** An analysis of securities and industries. Special attention will be given to security markets, the timing of purchases and sales, investment programs, and sources of investment information. Offered in alternate years. Given 1959-60.

Credit, 3 hours.

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

PROFESSOR TRUEX.

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

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 305 Jewell Hall.

PROFESSOR WATKINS.

322. **COST ACCOUNTING.** A study of the application of accounting principles to the analysis and control of operating costs of business enterprise. Evaluation of alternative systems including job order, process, and standard costs. Budgetary, managerial, and economic advantages of cost control. Offered in alternate years. Given 1959-60.

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

First semester. M., T., W., Th. at 1:15. 201 Jewell Hall.

PROFESSOR TRUEX.

SUGGESTED PROGRAM OF STUDY FOR BUSINESS ADMINISTRATION MAJOR

Freshman Year

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

Sophomore Year

Business Administration 211	3	Business Administration 212	3
Business Administration 231	2	Business Administration 216	3
Foreign Language	5	Foreign Language	5
History 115 or 221	3	History 116 or 222	3
Political Science 101	3	Business Administration	2
—		—	
	16		16

Junior Year

Business Administration 322	3	Business Administration 321	3
Economics 311	3	Economics 202	3
Foreign Language	3	Foreign Language	3
Philosophy 201	3	Mathematics or Science Electives	5
Psychology 211	3	Philosophy 231	2
—		—	
	15		16

Senior Year

Business Administration 312	3	Business Administration 316	3
Economics 314	3	Economics 342	3
Humanities Elective	2	Political Science 316	2
Political Science 315	2	Electives	7
Sociology 211	3	—	
Economics 201	3		15
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	16		

EDUCATION

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

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

<i>Missouri State Requirement</i>	<i>Hours</i>	<i>Courses which satisfy</i>	<i>Hours</i>
Educational Psychology	2	Psychology 212	3
History, Philosophy, or Principles of Education	2	Education 322	3
General methods in Secondary Teaching	2	Education 315	2
Methods in one high school teaching field	2	Consult Mr. Isley	2
Secondary School administration	2	Education 316	2
Supervised student teaching in Secondary Schools	5	Education 323	5
Elective in Education	3	Consult Mr. Isley	2
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Total	18	Total	19

Major in Elementary Education. The major in Elementary Education may be met by following the suggested program of study on page 70. In all cases consult Professor Lutie Chiles.

ADMISSION AND RETENTION REQUIREMENTS FOR THOSE TAKING TEACHER TRAINING

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

For Elementary Education: Students in Elementary Education must maintain a 2.5 or higher grade point ratio in both subject matter courses and methods courses to continue in this field of study. Those who fail to maintain these standards must leave this field of study.

100. MATERIALS AND METHODS IN THE VARIOUS PRIMARY SCHOOL SUBJECTS. This is a series of courses dealing with the selection and organization of materials appropriate to the area being taught. Some observation of teaching is included. With decimal numbering to indicate the subject, courses are offered in the following fields: 100.1 Arithmetic, 100.2 Art, 100.6 Kindergarten, 100.8 Music.

Credit, 2 hours.

Scheduled as needed. First and second semester.

PROFESSORS CHILES AND MITCHELL AND CO-OPERATING STAFF MEMBERS IN THE VARIOUS DEPARTMENTS.

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.

Credit, 3 hours.

First semester. M., W., F. at 8:45. 201 Jewell Hall.

PROFESSOR CHILES.

200. MATERIALS AND METHODS IN THE VARIOUS INTERMEDIATE SCHOOL SUBJECTS. This is a series of courses dealing with the selection and organization of materials appropriate to the area being taught. Some observation of teaching is included. With decimal numbering to indicate the subject, courses are offered in the following fields: 200.1 Arithmetic, 200.2 Art, 200.8 Music.

Credit, 2 hours.

Scheduled as needed. First and second semester.

PROFESSORS CHILES AND MITCHELL.

201. GENERAL TECHNIQUES OF ELEMENTARY TEACHING. Study of problems, techniques, and materials in the improvement of instruction in elementary school. Community and parent-teacher-pupil relationship.

Credit, 3 hours.

First semester. M., W., F. at 10:20. 201 Jewell Hall.

PROFESSOR CHILES.

228. ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT. A study of the organization of our public school system and classroom management as it is applied to the elementary school.

Credit, 3 hours.

Second semester. M., W., F. at 10:20. 201 Jewell Hall.

PROFESSOR CHILES.

300. MATERIALS AND METHODS IN THE VARIOUS SUBJECTS TAUGHT IN BOTH PRIMARY AND INTERMEDIATE GRADES. This is a series of courses dealing with the selection and organization of materials appropriate to the area being taught. Some observation of teaching is included. With the decimal numbering to indicate the subject, courses are offered in the following fields. 300.5 Geography, 300.9 Physical Education, 300.10 Reading, 300.12 Social Studies.

Credit, 2 hours.

Scheduled as needed. First and second semester.

PROFESSORS CHILES AND MITCHELL AND CO-OPERATING STAFF MEMBERS IN THE VARIOUS DEPARTMENTS.

310. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Following observation, the student under the direction of the supervisor, assumes responsibility for teaching a class in elementary grades. Students preparing to teach in Primary Grades should plan to take the course during the first semester; those planning to teach in Intermediate Grades should plan for the second semester. Consent of department required.

Credit, 2-5 hours. Students should plan to take 310 as the last course toward the completion of the Elementary Education major.

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

PROFESSORS CHILES AND MITCHELL.

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

Credit, 2 hours. Prerequisite, Psychology 212.

First semester. M., W. at 8:45. 202 Jewell Hall.

PROFESSOR ISLEY.

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

Credit, 2 hours. Prerequisite, 315.

Second semester. M., W. at 8:45. 202 Jewell Hall.

PROFESSOR ISLEY.

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

Credit, 2 hours. Prerequisite, Psychology 212.

First semester. T., Th. at 8:45. 202 Jewell Hall.

PROFESSOR ISLEY.

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

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 202 Jewell Hall.

PROFESSOR MITCHELL.

323. **SUPERVISED STUDENT TEACHING IN HIGH SCHOOL.** 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 student 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.

PROFESSOR ISLEY.

327. **PRINCIPLES AND METHODS OF GUIDANCE.** It is the purpose of this course to give the student an understanding of the concepts and techniques essential in the guidance processes in the elementary and secondary schools. Such topics are treated as: organization and administration of the guidance

program, the responsibility of the classroom teacher, child study through tests and other techniques, counseling involving personal, educational, and vocational guidance.

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

First semester, T., Th. at 11:15. 201 Jewell Hall.

PROFESSOR MITCHELL.

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

Credit, 2 hours. Prerequisite, 315 or 201.

Second semester. T., Th. at 8:45. 202 Jewell Hall.

PROFESSOR ISLEY.

400. MATERIALS AND METHODS IN THE VARIOUS SUBJECTS TAUGHT IN THE HIGH SCHOOL. This is a series of courses dealing with the selection and organization of materials appropriate to the area being taught. Some observation of teaching is included. With the decimal numbering to indicate the subject, courses are offered in the following fields: 400.3 English, 400.4 Foreign Languages, 400.7 Mathematics, 400.8 Music, 400.11 Science, 400.12 Social Studies, 400.13 Speech.

Credit, 2 hours.

Scheduled as needed. First and second semester.

PROFESSOR ISLEY AND CO-OPERATING STAFF MEMBERS IN THE VARIOUS DEPARTMENTS.

SUGGESTED COURSE OF STUDY FOR ELEMENTARY EDUCATION MAJORS

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
Foreign Language	5	Foreign Language	5
History 115	3	History 116	3
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
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16		16	

Sophomore Year

Education 136	2	Education 200.1	2
Education 201	3	Education 200.2	2
Electives	3	Education 228	3
Foreign Language	3	Electives	3
Physical Education 100	2	Foreign Language	3
Psychology 211	3	Psychology 212	3
<hr/>		<hr/>	
16		16	

<i>Junior Year</i>			
Biology 107	3	Biology 108	3
Education 317	3	Education 300.5	2
History 221	3	Education 300.9	2
Political Science 101	3	History 222	3
Electives	4	Mathematics 105	5
<hr/>		<hr/>	
16		15	
<i>Senior Year</i>			
Education 327	2	Education 200.8	2
English 315	3	Education 300.10	2
Electives	4	Education 310	5
Physics 103	3	Education 322	3
Psychology 329	3	Science Elective	3
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15		15	

ENGLISH AND SPEECH

The John Phelps Fruit Department of English

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

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

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

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

ENGLISH

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

No credit.

First and second semesters.

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

Credit, 3 hours each semester.

FRESHMAN STAFF.

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

Credit, 2 hours each semester.

First and second semester. M., W. at 11:15. Laboratory periods for work on *The Student* to be arranged.

PROFESSOR BOWMAN.

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

Credit, 3 hours each semester.

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

Credit, 3 hours each semester.

303, 304. (Formerly 303, 232). CONTEMPORARY LITERATURE. A study of the major British and American poets and prose writers from 1900 to the present.

Credit, 3 hours each semester.

305, 306. SURVEY OF WORLD DRAMA. Development and principles of world drama from the Greek period to the contemporary age.

Credit, 3 hours each semester.

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

Credit, 3 hours each semester.

329. THE ENGLISH NOVEL FROM DEFOE TO THOMAS HARDY. A critical analysis of selected novels in order to observe the development of this literary form. Offered in alternate years. Not given 1959-60.

Credit, 3 hours.

330. THE AMERICAN NOVEL. A critical analysis of the major American novelists prior to 1900. Offered in alternate years. Not given 1959-60.

Credit, 3 hours.

335. ENGLISH LITERATURE OF THE ROMANTIC PERIOD. A detailed study of the origins, patterns, and temper of the Romantic Movement. Emphasis on major writers with some attention to minor writers of the period.

Credit, 3 hours.

336. ENGLISH LITERATURE OF THE VICTORIAN PERIOD. A critical study of the major Victorian writers, exclusive of Robert Browning, as seen in relationship to the temper of their times. Some attention to minor writers of the period.

Credit, 3 hours.

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

Credit, 3 hours.

First or second semester. Hours to be arranged.

401. (Formerly 231). HISTORY OF THE ENGLISH LANGUAGE. The development of Modern English as a written and spoken language, emphasizing the influence of Old English and Middle English. Required of all English majors.

Credit, 3 hours.

402. (Formerly 301, 302). ADVANCED COMPOSITION. The techniques and practices of composition on an advanced level. Required of all English majors.

Credit, 3 hours.

403. (Formerly 234). MODERN ENGLISH USAGE. A grammatical analysis of current usage, primarily American, designed for those who plan to teach. Open to upperclassmen who wish to improve their command of English grammar and syntax. Does not satisfy the humanities requirement for graduation.

Credit, 2 hours.

415. (Formerly 351, 352). SHAKESPEARE. A careful study of the life of Shakespeare and a critical analysis of selected representative plays.

Credit, 3 hours.

416. (Formerly 355). MILTON. A study of the life and works of Milton with emphasis on the relationship of his prose and poetry to the religious and political problems of his time.

Credit, 3 hours.

425. (Formerly 353). CHAUCER. A study of the life and writings of Chaucer with emphasis on *The Canterbury Tales* and related writings. The importance of Chaucer's work in the history of the English Language and its literature.

Credit, 3 hours.

426. (Formerly 342). BROWNING. The development and scope of Browning's poetic art and philosophy as seen through a critical study of selected representative works.

Credit, 3 hours.

SPEECH AND DRAMATICS

101. FUNDAMENTALS OF SPEECH. 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 102 fulfill the graduation requirement for speech.

Credit, 2 hours.

First semester. T., Th. at 8:45, 10:20, 11:15, 12:10, and M., W. at 12:10 and 2:10. Jewell Hall.

Second semester. T., Th. at 11:15.

SPEECH STAFF.

102. FUNDAMENTALS OF SPEECH. Speech organization, including the preparation and delivery of at least five speeches. A study of the psychological aspects of speech will guide the student in adapting his speech to the audience. This course and 101 fulfill the graduation requirement for speech.

Credit, 2 hours. Prerequisite, 101 or its equivalent.

Second semester. T., Th. at 8:45, 10:20, 11:15, 12:10, and M., W. at 2:10. Jewell Hall.

SPEECH STAFF.

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

Credit, 3 hours.

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

PROFESSOR BOWMAN.

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

Credit, 2 hours.

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

PROFESSOR BOWMAN.

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

Credit, 2 hours.

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

PROFESSOR RICE.

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

Credit, 2 hours.

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

PROFESSOR RICE.

325. BRITISH AND AMERICAN PUBLIC ADDRESS. Historical and critical study of significant British and American speakers, with analysis of structure, content, and influence of their works. Offered in alternate years.

Credit, 3 hours. Not open to freshmen.

First semester. M., W., F. at 11:15. 201 Jewell Hall.

PROFESSOR BOWMAN.

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

Credit, 2 hours. Not open to freshmen.

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

PROFESSOR 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.

PROFESSOR RICE.

336. PHONETICS AND VOICE TRAINING. The articulation and enunciation of the English language, and a study of the anatomy and physiology of the ear and vocal mechanism. Required of all Speech majors. Offered in alternate years.

Credit, 2 hours.

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

PROFESSOR RICE.

337, 340. SPEECH CORRECTION. A study of the most common physiological 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. Offered in alternate years. Not given 1959-60.

Credit, 3 hours, first semester.

Credit, 1 to 3 hours, second semester.

PROFESSOR RICE.

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

October to April. M., Th. at 3:00. 302 Jewell Hall.

PROFESSOR BOWMAN.

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

Credit, 3 hours.

HISTORY

Major: Twenty-four semester hours.

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

The following courses may be taken for history credit: Philosophy 335 and 336.

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

Credit, 3 hours. For freshmen and sophomores.

First and second semesters. M., W., F. at 7:50, 8:45. 203 Jewell Hall.

PROFESSOR PUGH.

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

Credit, 3 hours.

First semester. M., W., F. at 7:50, 8:45, and 11:15. 103 Jewell Hall.

PROFESSOR CUTHBERTSON.

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

Credit, 3 hours.

Second semester. M., W., F. at 7:50, 8:45 and 11:15. 103 Jewell Hall.

PROFESSOR CUTHBERTSON.

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

Credit, 3 hours.

First and second semesters. T., Th. at 10:20. 203 Jewell Hall.

PROFESSOR PUGH.

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

Credit, 2 hours.

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

PROFESSOR PUGH.

334. **LATIN AMERICA.** Studies in Latin American history and cultures. A historical survey of Latin American countries with particular

emphasis upon recent developments in our economic and diplomatic relations with them. Not given 1959-1960.

Credit, 2 hours.

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

PROFESSOR PUGH.

335. MODERN ENGLAND. A study of the rise of English institutions and culture with emphasis on attempts to solve the present day problems.

Credit, 2 hours.

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

PROFESSOR PUGH.

336. THE FAR EAST. A survey course dealing with the development of the far eastern countries and territories, including China, Japan, India, the Philippines, the Dutch East Indies, with emphasis on the present day crisis.

Credit, 2 hours.

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

PROFESSOR PUGH.

337, 338. AMERICAN DIPLOMACY. A study of America's role in international relations. Diplomatic events are studied chiefly as they reflect the evolution of a foreign policy.

Credit, 2 hours.

First and second semesters. T., Th. at 11:15. 101 Jewell Hall.

PROFESSOR CUTHBERTSON.

339. ANCIENT HISTORY. A survey of the economic, social and cultural aspects of early civilizations with special emphasis on the Greek and Roman.

Credit, 2 hours.

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

PROFESSOR PUGH.

441, 442. RESEARCH SEMINAR. Primarily for history and political science students who expect to do graduate work. An effort will be made to acquaint them with important bibliographical guides in the field and to develop the methods and techniques required for independent research papers to be determined by the interest of the student. Results of the research to be produced in thesis form. Students will be selected by the department head and approved by the curriculum committee.

Credit, 2 hours.

First and second semesters. Hours to be arranged.

PROFESSOR PUGH.

MATHEMATICS

Major: Thirty-two semester hours, including 111 (or 111A), 115 (115A), 118, 225, 226 and twelve semester hours above 300. Those who present four units of high school mathematics may be admitted to Mathematics 118 without taking 111 and 115, if they show suitable proficiency in algebra and trigonometry.

101, 102. FOUNDATIONS OF MATHEMATICAL THOUGHT. The development of a vocabulary of mathematical terms and concepts will be the first objective. The history of numbers and number systems. The contributions of number work to the culture of various countries during different periods of history. Thinking in terms of quantities—quantitative thinking. Symbols used in mathematics. The language of mathematics. Reasoning with the aid of mathematical symbols. The unique character and value of each of several branches of mathematics. Computational procedures on different levels of accomplishment.

Credit, 6 hours.

First and second semesters. T., Th. at 11:15 to 12:30.

PROFESSOR JONES.

110. 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.

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

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

PROFESSOR MORROW.

111. COLLEGE ALGEBRA. A rapid review of the fundamentals of algebra, a thorough treatment of functional dependence, exponents and radicals, quadratics, progressions, binomial theorem, and other topics.

Credit, 3 hours. Prerequisite, two units of high school mathematics, or consent of the professor.

First semester. M., W., F. at 11:15. 118 Marston Hall.

Second semester. M., W., F. at 10:20. 118 Marston Hall.

PROFESSOR LAFRENZ.

111A. COLLEGE ALGEBRA. A study of quadratics, binomial theorem, progressions, determinants, inequalities, partial fractions, mathematical induction, etc. This course is planned for those who intend to major in mathematics, physics, chemistry and those who take the pre-engineering course.

Credit, 3 hours. Prerequisite, $1\frac{1}{2}$ units of high school algebra, and one unit of high school geometry.

First semester. M., W., F. at 7:50 and 8:45. 118 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.

Credit, 2 hours. Co-requisite 111, or equivalent.

First semester. T., Th. at 10:20. 118 Marston Hall.

Second semester. T., Th. at 10:20. 118 Marston Hall.

PROFESSORS JONES AND LAFRENZ.

115A. TRIGONOMETRY. A rapid review of the fundamentals of plane trigonometry followed by a fuller treatment of: the law of sines, the law of cosines, the law of tangents, complex numbers, and spherical trigonometry.

Credit, 2 hours. Prerequisite, high school trigonometry, or equivalent.

First semester. T., Th. at 8:45 and 7:50. 118 Marston Hall.

PROFESSORS LAFRENTZ AND MORROW.

118. PLANE AND SOLID ANALYTICAL GEOMETRY. Topics studied are: fundamental notions, equations and their graphs, the straight line, circle, parabola, ellipse, hyperbola, properties of conic sections, transformation of co-ordinates, polar co-ordinates, higher plane curves, elements of curve fittings, cylindrical and spherical co-ordinates, equations of planes, lines, and surfaces.

Credit, 5 hours. Prerequisite, 111 and 115, or equivalent.

Second semester. M., T., W., Th., F. at 10:20. 118 Marston Hall.

PROFESSOR LAFRENTZ.

181, 182. ANALYTICAL GEOMETRY AND CALCULUS. This course includes all the topics usually included in analytical geometry that are considered necessary for the study of advanced courses in mathematics. Also, all topics of a course in elementary calculus — the sophomore mathematics. It is the purpose that students who complete these courses shall be as well equipped to use mathematics as those who have had the first two years of the conventional mathematics.

Prerequisite: Four years of high school mathematics; Success on a test in Algebra and Trigonometry; *or* the consent of the Professor and Dean.

Credit, 10 hours.

First and second semesters. M., T., W., Th., F. at 8:45.

PROFESSOR JONES.

225. THE CALCULUS. This course seeks to introduce the fundamental concepts of calculus. Consideration is given to the following topics: the principle of limits, differentiation of algebraic forms, successive differentiation, differentials, integration of elementary functions, constant of integration, definite integral and applications.

Credit, 5 hours. Prerequisite, 118.

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

PROFESSOR MORROW.

226. THE CALCULUS. This is a continuation of course 225. Topics: differentiation of transcendental functions, parametric equations, curvatures, theory of mean values, integration of standard forms, reduction formulas, series, hyperbolic functions with applications.

Credit, 5 hours. Prerequisite, 225.

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

PROFESSOR MORROW.

331. ANALYTICAL MECHANICS (Statics). This course will include fundamental laws, concepts, and definitions, resultants of force systems (parallel and non-parallel, concurrent and non-current, in planes and in space), equilibrium of force systems, couples, trusses, cranes, cables, friction, centroids, moments of inertia.

Credit, 3 hours. Co-requisite, 226.

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

PROFESSOR MORROW.

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.

Credit, 3 hours. Prerequisite, 331.

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

PROFESSOR MORROW.

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

Credit, 3 hours. Prerequisite, 226.

First semester. M., W., F. at 7:50. 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, solutions of binomial equations, reciprocal equations, determinants.

Credit, 3 hours. Prerequisite, 226.

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

PROFESSOR JONES.

438. ABSTRACT ALGEBRA. A study of the development of algebra from its beginning to the present. Attention will be given to number theory, number systems, symbolism, and applications as they have affected the nature of algebra. Introduction to the fundamentals of topology and symbolic logic as used in mathematics.

Credit, 3 hours. Prerequisite, 226.

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

PROFESSOR JONES.

441. SELECTED TOPICS FROM HIGHER MATHEMATICS. This course is an extension of the study of Calculus, intended to follow Mathematics 226. Consideration will be given to: Limits and Continuity, Definite Integrals, Multiple Integrals, Infinite Series, Partial Differentiation, Line Integrals, Applications, and other topics selected to meet the needs of the students.

Credit, 3 hours. Prerequisite, 226. (Not given in 1959-1960).

First semester. M., W., F. at 10:20. 214 Marston Hall.

PROFESSOR JONES.

442. SELECTED TOPICS FROM HIGHER MATHEMATICS. A course in Advanced Calculus. Among the topics considered are: Fourier Series, Taylor's Series, Green's Theorem, Lagrange Multipliers, Gamma and Beta Functions, etc. (Not given in 1959-1960.)

Credit, 3 hours. Prerequisite, 441.

Second semester. M., W., F. at 10:20. 214 Marston Hall.

PROFESSOR JONES.

451. SPECIAL PROBLEMS. This course is planned for a student who is majoring in mathematics, and has a special interest in particular topics not covered by a course included in his or her program. The work will be done largely by appointment. The student will be expected to report to a group on the work done. Test will be both oral and written.

Credit, 1 hour. Prerequisite, Mathematics 226 plus six hours of mathematics which have course numbers above 300.

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

PROFESSOR JONES.

ASTRONOMY

131, 132. DESCRIPTIVE ASTRONOMY. A study of astronomical terms, heavenly bodies, instruments used in astronomical observations. There will be a brief historical treatment of astronomy and its contributions to other sciences. Observations will be made as often as weather conditions permit, until the need and interest are met.

Credit, 2 hours each semester.

First and second semesters. T., Th. at 10:20. 118 Marston Hall.

PROFESSOR LAFRENZ.

ENGINEERING DRAWING

105. ENGINEERING DRAWING. Use of instruments, lettering, geometric curves, inking, tracing, orthographic and isometric projections. Technical sketching, preparation of working drawings, detailing of machines, assembly drawings, auxiliary and oblique views.

Credit, 3 hours.

First semester. M., W., F. at 1:15. 117 Marston Hall.

PROFESSOR MORROW.

204. DESCRIPTIVE GEOMETRY. Graphical solution of geometric problems in three dimensions. Problems relate to the orthographic projection of the point, line, plane, and solid. Intersection and development of surfaces and practical application of the principles involved. Emphasis is placed on developing the student's ability to visualize.

Credit, 3 hours. Prerequisite, 105.

Second semester. M., W., F. at 2:10, or by arrangement. 117 Marston Hall.

PROFESSOR MORROW.

206. SPECIAL DRAFTING PROBLEMS. Pictorial representation, engineering maps, patent drawings, charts. Students select one-half of problems.

Credit, 2 hours. Prerequisite, 205.

Second semester. T., Th. at 2:10. 117 Marston Hall.

108. ENGINEERING PROBLEMS. (Slide Rule.) This course is designed to give the student a background for his engineering studies, to acquaint

him with the various fields of engineering and to aid him in adopting efficient methods of study. (Post's Versalog Rule required.)

Credit, 2 hours. Prerequisite, trigonometry.

Second semester. M., W. at 1:15. 117 Marston Hall.

PROFESSOR MORROW.

SUGGESTED PROGRAM OF STUDY FOR MATHEMATICS MAJOR

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
Mathematics 111 or 111A	3	Mathematics 118	5
Mathematics 115 or 115A	2	Physical Education 102	1
Physical Education 101	1	Science Elective	5
Science Elective	5	Speech 102	2
Speech 101	2		
	<hr/>	Total	16
Total	16		

Sophomore Year

French 111	5	French 112	5
Mathematics 225	5	Mathematics 226	5
Science Elective	5	Science Elective	6
	<hr/>		<hr/>
Total	15	Total	17

Junior Year

French 211	3	French 212	3
Mathematics 335	3	Mathematics 336	3
Philosophy 201	3	Philosophy 202	3
Religion 111	2	Religion 112	2
Electives	5	Mathematics 331	3
	<hr/>		<hr/>
Total	16	Total	14

Senior Year

Economics 101	3	Economics 102	3
Mathematics 441	3	Mathematics 442	3
Mathematics 332	3	Philosophy 231	2
Psychology 211	3	Psychology 214	3
Sociology 211	3	Elective	5
	<hr/>		<hr/>
Total	15	Total	16

MODERN LANGUAGES

FRENCH

Major: Twenty-four semester hours, excluding French 111.

111, 112. ELEMENTARY FRENCH. The essentials of grammar, pronunciation, practice in diction, composition, conversation, and reading.

Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F. at 12:10 and 1:15. 305 Jewell Hall.

STAFF.

211, 212. **INTERMEDIATE FRENCH.** Review of grammar together with translation from Victor Hugo, Maupassant, and other French writers. Practice in conversation. Attention is given to French culture and to the importance of French in literature and art.

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

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

STAFF.

301, 302. **FRENCH COMPOSITION AND CONVERSATION.** An advanced course designed to further the ability of the student to express himself orally in French, and to perfect his mastery of the written idiom.

Credit, 2 hours each semester. Prerequisite, French 212.

Time to be arranged.

STAFF.

311. **SURVEY OF FRENCH LITERATURE TO THE EIGHTEENTH CENTURY.** An integrating course designed to give a general view of the development of French literature from the beginning to the eighteenth century. An anthology will be used as a basis of the course, supplemented by additional readings in the principal authors studied.

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

First semester. M., T., W., Th. at 8:45.

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.

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

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

PROFESSOR McCARTY.

317, 318. **THE MODERN FRENCH NOVEL.** This course is conducted as a seminar, and involves wide reading on the part of the student from such authors as Balzac, Stendhal, Flaubert, Proust, Gide, Malraux, and Camus. Both oral and written reports on the reading will be required. Enrollment by consent of instructor.

Credit, 2 hours each semester.

Time to be arranged.

STAFF.

GERMAN

Major: Twenty-four semester hours, excluding German 111.

111, 112. **ELEMENTARY GERMAN.** Essentials of grammar, pronunciation, conversation, reading, and folk-songs.

Credit, 5 hours each semester.

First and second semesters. M., T., W., Th., F. at 1:15. 202 Jewell Hall.

PROFESSOR McCARTY.

211, 212. INTERMEDIATE GERMAN. Study of idiomatic German through intensive reading. Introduction to German literature and culture through selections from poetry, drama, and prose-fiction.

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

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

PROFESSOR McCARTY.

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

Credit, 4 hours.

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

PROFESSOR McCARTY.

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

Credit, 4 hours.

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

PROFESSOR McCARTY.

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

Credit, 4 hours.

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

PROFESSOR McCARTY.

314. SURVEY OF GERMAN LITERATURE. A continuation of 313 with emphasis on subject-matter and selections from 1600 to the present. Alternates with 312.

Credit, 4 hours.

Second semester. M., T., W., Th. at 8:45. 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. 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. Not open to Freshmen.

Credit, 5 hours each semester. Offered on demand.

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. Offered on demand.

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

PROFESSOR McCARTY.

SPANISH

Major: Twenty-four semester hours, excluding Spanish 111.

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

111, 112. **ELEMENTARY SPANISH.** The essentials of grammar, pronunciation, practice in diction, composition, conversation, and reading.

Credit, 5 hours each semester.

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

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

Section b: at 8:45. 205 Jewell Hall.

Section c: at 12:10. 105 Jewell Hall.

STAFF.

211, 212. **INTERMEDIATE SPANISH.** Review of grammar with further practice in composition and conversation. Extensive reading from contemporary Spanish and Latin-American authors.

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

First and second semesters. M., W., F. at 10:20 and 11:15. 205 Jewell Hall.

STAFF.

311. **INTRODUCTION TO SPANISH-AMERICAN LITERATURE.** This course and 312 alternate with courses 313 and 314. Representative Latin-American authors from the Colonial period to 1900 are studied together with the history and cultural background of the Latin-American peoples.

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

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

PROFESSOR McDANIEL.

312. **CONTEMPORARY SPANISH-AMERICAN LITERATURE.** In connection with reading from recent Latin-American authors, current social, political, educational, and economic problems of Latin-America are studied and discussed.

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

Second semester. M., T., W., Th. at 1:15. 205 Jewell Hall.

PROFESSOR McDANIEL.

313. **A SURVEY OF SPANISH LITERATURE TO 1800.** Emphasis is placed on the study of the epic forms, the *Celestina*, and the literature of the Golden Age.

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

First semester. M., T., W., Th. at 1:15. 205 Jewell Hall.

PROFESSOR McDANIEL.

314. **SURVEY OF MODERN SPANISH LITERATURE.** Rapid reading from authors of the nineteenth and twentieth centuries. Collateral reading and reports.

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

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

PROFESSOR McDANIEL.

SUGGESTED PROGRAM OF STUDY FOR MAJOR IN SPANISH AND FRENCH

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
History 115	3	History 116	3
Physical Education 101	1	Physical Education 102	1
Religion 111	2	Religion 112	2
Spanish 111	5	Spanish 112	5
Speech 101	2	Speech 102	2
Total	16	Total	16

Sophomore Year

French 111	5	English 232	3
Mathematics 111	3	French 112	5
Mathematics 115	2	Psychology 212	3
Psychology 211	3	Spanish 212	3
Spanish 211	3	Total	14
Total	16		

Junior Year

Biology 107	3	Biology 108	3
French 211	3	French 212	3
Spanish 313	3	Spanish 314	3
Free Electives	7	Social Science Elective	3
Total	16	Free Elective	4
		Total	16

Senior Year

French 315	3	French 316	5
Humanities Elective	3	Philosophy 202	3
Philosophy 243	3	Science Electives	4
Free Electives	6	Free Electives	3
Total	15	Total	15

MUSIC

Major in Music (with an emphasis in voice or an instrument): Thirty-eight semester hours including eight hours in the chosen area of applied music; eighteen hours of theory; six hours of History of Music; two hours of Band, Orchestra or Chorus; and Piano 131, 132, or equivalent, if the area of applied music is not piano, or Voice 141, 142, if the area of applied music is not voice.

With Music Education Option: Forty semester hours including eighteen hours of theory, six hours of Music History, two hours of conducting, eight hours of applied music leading toward a senior recital, four hours of voice and/or piano if the applied music is not in these fields, and two hours of strings (109, 110). All music majors are required to participate

in one choral and instrumental ensemble each semester with or without credit.

In addition to the above, the following courses are required by the State of Missouri for certification and are recommended for adequate preparation:

For the secondary certificate — Psychology 212; Education 315, 316, 322, 323, and 400.8; two hours of Band or Orchestra and two hours of chorus.

For the elementary certificate — Psychology 212; Education 100.8 or 200.8, 201, 228, 310, 322; two hours of Band or Orchestra and two hours of chorus.

With Sacred Music Option: Forty semester hours including ten hours of piano, organ, and voice; eighteen hours of Theory; two hours of hymnology; two hours of Church music; two hours of Conducting; six hours of History of Music; and participation in one of the choral groups.

Piano Proficiency Test must be passed in order to take Theory I. Students should plan to take this examination prior to taking Theory I but may postpone the test until sometime during the first semester, if they indicate sufficient facility in piano technique. The test will consist of: (A) Sight-reading a Bach Choral. (B) Demonstrating facility at the piano by playing a simple composition known to the student and of his choice. Anyone who cannot pass this examination and desires to major in the music department should plan a year of intensive study of piano.

THEORY

101, 102. THEORY I. Elementary theory: a) Fundamentals of music, b) Ear Training and Sight Singing, c) Keyboard Harmony.

101a, 102a. Scales, Notation and Harmony. M., W. 2 hours.

101b, 102b. Ear Training and Sight Singing. T., Th. 1 hour.

101c, 102c. Keyboard Harmony. F. 1 hour.

A student should be prepared to take 101, 102 as a complete course. No section will be offered separately, except where extreme individual need occurs.

Prerequisite: Piano Proficiency Test or concurrent enrollment in a piano course.

Credit, four hours each semester.

First and second semesters. M., T., W., Th., F. at 8:45.

PROFESSOR LAKIN.

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

Credit, 3 hours each semester. Prerequisite, 102.

First and second semesters. M., W., F. at 10:20.

PROFESSOR LAKIN.

301. COUNTERPOINT.

Credit, 2 hours. Prerequisite, 202.

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

PROFESSOR BAKER.

302. FORM AND ANALYSIS.

Credit, 2 hours. Prerequisite, 301.

Second semester. T., Th. at 10:20.

PROFESSOR BAKER.

HISTORY AND APPRECIATION

121, 122. MUSIC APPRECIATION. A course designed for those who have no formal background in the study of musical art. The elements of music, music's place in life, the shorter and larger forms, program music, biographical and historical elements contributing to its development as an art. For non-music majors.

Credit, 3 hours.

First and second semesters continuously. M., W., F. at 11:15.

PROFESSOR BAKER.

311, 312. HISTORY OF MUSIC. A survey of music from prehistoric man to the present day.

Credit, 3 hours each semester. Not given 1959-60.

First and second semesters continuously. M., W., F. at 7:50.

PROFESSOR CADY.

SACRED MUSIC

215. CHURCH MUSIC. Organization and direction. The organization of the multiple choir system, maintenance of the choir, rehearsals, auditions, repertoire for the small church choir, vocal methods for adults and children, materials for the children's choir and general worship techniques.

Credit, 2 hours.

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

PROFESSOR MILLSOM.

216. HYMNOLOGY. A study of hymns and hymn writers; the place of the hymn in the worship service; analysis of the elements constituting good hymns; a critical study of published hymnals.

Credit, 2 hours.

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

PROFESSOR MILLSOM.

CONDUCTING

319. CONDUCTING — CHORAL AND INSTRUMENTAL. The fundamentals of rhythmic movement, vocal dynamics, instrumental dynamics, choral tone, use of the baton, reading of scores, and creative interpretation.

Credit, 2 hours. Prerequisite, 101 and 102 or permission of the instructor.

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

PROFESSOR CADY.

INSTRUMENTAL

107, 108, 207, 208, 307, 308, 407, 408. BAND. Any college student is eligible. Selection is by examination.

Credit, 1 hour each semester.

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

PROFESSOR LAKIN.

109, 110. **STRING INSTRUMENTS.** (Class instruction) The study of violin, viola, cello and bass. Teaching techniques for string instruments.

Credit, 1 hour each semester.

First and second semesters. Th. at 2:10.

PROFESSOR RIEMER.

113, 114, 213, 214, 313, 314, 413, 414. **ORCHESTRA.** Any college student is eligible. Selection is by audition.

Credit, 1 hour.

First and second semesters. M. 4:05-5:30, and String sections only on Th. 3:05.

PROFESSORS LAKIN AND RIEMER.

Note: The Thursday rehearsal is for Strings only. Wind and Percussions players to be selected from membership of the Band and will receive credit in the Band. Band members may substitute the Monday Orchestra rehearsal for the Monday Band rehearsal.

336. **BRASS AND PERCUSSION INSTRUMENTS.** (Class instruction) The study of trumpet, trombone, baritone, French horn, bass, etc. Teaching techniques for brass and percussion instruments.

Credit, 2 hours. Not given 1959-60.

Second semester. T., Th. at 11:15.

PROFESSOR LAKIN.

383. **WOOD-WIND INSTRUMENTS.** (Class instruction) The study of clarinet, flute, oboe, bassoon, and saxophone. Fundamentals of technique, maintenance and simple repairs. Examination and evaluation of teaching methods. Teaching techniques for wood-wind instruments.

Credit, 2 hours. Given 1959-60.

Second semester. T., Th. at 11:15.

PROFESSOR LAKIN.

CHORAL AND VOCAL

111, 112, 211, 212, 311, 312, 411, 412. **THE WILLIAM JEWELL CHORUS.** Membership in the Chorus is required of certain music majors and is open to all regularly enrolled members of the college, subject to audition. This organization will prepare sacred and secular music to be performed on campus throughout the year. Participation in the Chapel services as a robed choir will be required of all members.

Credit, 1 hour each semester.

First and second semesters. T., Th. 4:00-5:15.

PROFESSOR CADY.

207, 208. **THE A CAPPELLA CHOIR.** An organization of limited membership selected for tone production and musicianship. This organization will represent the college in public engagements. Its repertoire will include sacred and secular works. Members will be selected by audition. Those auditioning should plan to remain in the group for the entire school year.

No credit.

M., F. at 3:05. Sectional rehearsals to be arranged.

PROFESSOR CADY.

105, 106. VOICE CLASS. (Limited to six students) For the beginner and those fulfilling State Music Teachers Certification requirements. Fundamentals of vocal production.

Credit, 1 hour.

M., W. at 12:10. T., Th. at 11:15.

See Special Fees.

STAFF.

APPLIED MUSIC

Applied Music means private lessons in piano, organ, voice, strings, brass, or wood-wind instruments. Each course of study is arranged to meet the individual needs of the student. One half-hour lesson per week plus one hour of practice per day earns one semester hour of credit. All students are required to participate in a studio recital each semester. Music Majors are required to present a recital in their chosen area of applied music in their senior year.

The hours for private lessons are arranged with Professor Cady (voice), Professor Lakin (strings, wood-winds, and brass), and Mrs. Lovan (organ and piano).

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

PROFESSORS LOVAN AND BAKER.

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

PROFESSORS LOVAN AND BAKER.

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

PROFESSOR LOVAN.

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

PROFESSORS CADY AND MILLSOM.

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

PROFESSOR REIMER.

WOOD-WINDS. 117, 118, 217, 218, 317, 318, 417, 418.

PROFESSOR LAKIN.

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

PROFESSOR LAKIN.

PHILOSOPHY

The W. D. Johnson Department of Philosophy

Major: Twenty-six semester hours including courses 201, 202, 231, 301, 302.

201. INTRODUCTION TO PHILOSOPHY. An introductory study of the chief problems, methods, and values of philosophy. Attention is given to the principles of building a constructive philosophy of life.

Credit, 3 hours.

First semester. M., W., F. at 7:50 and 8:45. 102 Jewell Hall.

PROFESSORS TROTTER AND HUNT.

202. ETHICS. A study of the major views of the good life as set forth by the traditional schools of philosophy and by Christianity, of particular

areas of human conduct (family, state, economic order, etc.), and of the metaphysical foundations of ethics.

Credit, 3 hours.

Second semester. M., W., F. at 7:50 and 8:45. 102 Jewell Hall.

PROFESSORS TROTTER AND HUNT.

203. HISTORY OF WESTERN THOUGHT: ANCIENT AND MEDIEVAL. A survey of the major patterns of thinking about the physical universe, human existence, religious reality, political and social life, and the arts which are expressed in the cultural life of the Greeks, the Hebrews, the Romans, the early Christians, and the Medievalists. Readings will be assigned in some of the great classics of western intellectual history.

Credit, 2 hours.

First semester. T., Th. at 7:50. 102 Jewell Hall.

PROFESSOR TROTTER.

204. HISTORY OF WESTERN THOUGHT: MODERN. A study of the contributions of the Renaissance, the Reformation, the Enlightenment, the Romantic movement, and modern science to the making of the modern mind. Readings will be assigned in the great classics in modern thought.

Credit, 2 hours.

Second semester. T., Th. at 7:50. 102 Jewell Hall.

PROFESSOR TROTTER.

205. PHILOSOPHY OF SOCIETY: PRINCIPLES. A systematic examination of such foundations of a democratic social philosophy as the right to rebel, freedom, equality, and popular sovereignty. These principles will be compared with those expressed in such antidemocratic theories as Fascism and Communism. Alternates with Philosophy 233. Not given 1959-60.

Credit, 2 hours.

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

PROFESSOR HUNT.

206. PHILOSOPHY OF SOCIETY: APPLICATIONS. A study of such areas of social existence as the family, the state, the economic order, and the international area. Attention will be devoted to such problems as divorce, civil liberties, private property, economic justice, war, race relations, and world order. Alternates with Philosophy 234. Not given 1959-60.

Credit, 2 hours.

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

PROFESSOR HUNT.

207. PHILOSOPHY OF RELIGION. A philosophical examination of the development of belief and disbelief, the relation of faith and reason, the meaning of revelation, the existence and nature of God, and the problem of evil. Special attention will be given to enabling the student to formulate critically and systematically his own views.

Credit, 2 hours.

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

PROFESSOR HUNT.

208. **PHILOSOPHY OF RELIGION.** A continuation of the philosophical examination of the religious life, especially as it is expressed in such problems as those of the place of authority, prayer, salvation, and immortality, with readings in the major writings on the philosophy of religion of such men as Aquinas, Spinoza, Bergson, Kierkegaard, Dewey, James, and Tillich.

Credit, 2 hours. Prerequisite, Philosophy 207.

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

PROFESSOR HUNT.

231. **LOGIC.** A study of the valid principles of critical thinking. The course constitutes an introduction to formal logic and modern scientific thinking.

Credit, 2 hours.

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

PROFESSOR HUNT.

233. **POLITICAL PHILOSOPHY.** A study of political ideas from Plato through the Medieval Period. Alternates with Philosophy 205. Given 1959-60.

Credit, 2 hours.

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

PROFESSOR HUNT.

234. **POLITICAL PHILOSOPHY.** A study of political ideas from the Medieval Period to the present. Alternates with Philosophy 206. Given 1959-60.

Credit, 2 hours.

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

PROFESSOR HUNT.

243. **EARLY AND MEDIEVAL CHRISTIAN THOUGHT.** A study of the way in which early and medieval Christian thinkers sought to interpret their Christian faith. Particular attention will be devoted to the relationship between philosophy and Christian theology and to the idea of a Christian philosophy. Readings will be assigned in the works of outstanding Christian thinkers.

Credit, 3 hours.

First semester. M., W., F. at 7:50. 101 Jewell Hall.

PROFESSOR HUNT.

244. **MODERN CHRISTIAN THOUGHT.** A survey of the major interpretations of the Christian faith from the Protestant Reformation to the present time. Readings will be assigned in Christian classics, such as those by Luther, Calvin, Wesley, Edwards, Schleiermacher, Ritschl, Kierkegaard, and Barth.

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 101 Jewell Hall.

PROFESSOR HUNT.

301. **HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY.** A survey of the chief tendencies in the philosophical thought of Greece, Rome, early Christianity, and Europe until 1500 A.D.

Credit, 3 hours.

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

PROFESSOR TROTTER.

302. HISTORY OF MODERN PHILOSOPHY. A study of the main currents in western philosophical thought from 1500 to the present.

Credit, 3 hours.

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

PROFESSOR TROTTER.

352. PHILOSOPHY OF ART. An analysis of the principles and methods involved in the creation, preservation, and appreciation of the various forms of fine art, such as music, painting, sculpture, and literature.

Credit, 2 hours.

Both semesters. T., Th. at 11:15. 101 Jewell Hall.

PROFESSOR TROTTER.

401, 402. HONORS SEMINAR IN PHILOSOPHY. Study of philosophical masterpieces through group discussion and individual conferences. Limited to Seniors approved by the department.

Credit, 2 hours each semester.

Both semesters. Hours for seminars and private conferences to be arranged.

PROFESSORS HUNT AND TROTTER.

Tutorial Courses

Special reading courses can be arranged for advanced students who meet the approval of the department. The courses consist of the study of major philosophers through the reading of their works. The following courses are offered: Plato (371), Kant (372), Aristotle (373), the British Empiricists (374), Medieval Philosophy (375), Protestant Thought (376), Existentialism (377).

Credit, 2 hours.

Both semesters. Hours arranged on a conference basis.

PROFESSORS HUNT AND TROTTER.

PHYSICAL EDUCATION

Major: Twenty-four semester hours, for both men and women. The State Department of Education requires all those who teach Physical Education to meet certification requirements to teach in an additional field.

INTERCOLLEGIATE ATHLETICS.

William Jewell College is a member of the Missouri College Athletic Association. Intercollegiate sports consist of football, basketball, track, baseball, tennis, golf, wrestling, and cross country.

The administration and faculty of William Jewell College recognize that intercollegiate athletics is of real value to the participants and has a place in a sound educational program. There are certain principles and safeguards to which the college is definitely committed.

1. Scholarships, work aid, and other financial aids are given to athletes upon the same basis as aids to other students.

2. All scholarships and aids must be approved by the Scholarship Committee, of which the Dean of Students is Chairman.

3. No special consideration is given to athletes in college classes. They must meet the same academic standards as other students.

4. There are no "snap" courses in the curriculum to accommodate athletes.

5. The athletic budget is made and controlled by the college administration in the same manner as the budgets of other departments.

INTRAMURAL PROGRAM.

The Physical Education Department in its class work lays the foundation for the intramural program through developing an interest and skill in a diversified sports program. The intramural program affords an opportunity for all students to compete in these sports and others in which they may have developed an interest. Intercollegiate athletics remains the highest goal for those who have achieved sufficient skill in intramural athletics.

PHYSICAL EXAMINATION.

All students entering William Jewell College are required to take a physical examination. No student is permitted to participate in strenuous activities, either in class or on athletic squads under supervision of the school, without such prior physical examination.

ACTIVITIES OPEN TO MAJORS AND NON-MAJORS IN PHYSICAL EDUCATION

Badminton and Golf (men and women).

Tennis and Volleyball.

Boxing and Wrestling (men only).

Elementary Swimming (men and women) for non-swimmers.

Field Hockey and Soccer (women only).

Handball and Body Building (men only).

Intermediate Swimming (men and women).

Rhythmic Activities (men and women).

Soccer and Speedball (men only).

Square dance (men and women).

Bowling and Archery (men and women).

Trampoline and Tumbling (men and women).

100. **HYGIENE AND SANITATION.** A consideration of the fundamental laws of health and the health relations of the individual to the community.

Credit, 2 hours.

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

PROFESSOR THOMAS.

101, 102, 201, 202. **GENERAL ACTIVITIES FOR FRESHMEN AND SOPHOMORES.** Each class meets two hours per week and includes instruction in skills, knowledge of rules and strategy, purchasing and care of equipment, history of activity, and competitive experience under game conditions. Swimming is required of all students.

Credit, 1 hour each semester.

STAFF.

203, 204, 205, 206, 207, 208, 209, 210. ELECTIVES IN GENERAL ACTIVITIES. These activities are particularly for students who wish to continue beyond the two hours of activities required for graduation. Each class meets two hours per week.

Credit, 1 hour each semester.

STAFF.

117. FIRST AID 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 information concerning the safety of participating athletes. Members of this class may be certified as First Aid Instructors by the American Red Cross.

Credit, 2 hours.

Second semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR GOURLEY.

215. INTRODUCTION TO PHYSICAL EDUCATION. A general orientation course for students planning to major in physical education.

Credit, 2 hours.

First semester. T., Th. at 8:45. Brown Gymnasium.

PROFESSOR PATTERSON.

219. OFFICIATING INTER-SCHOOL ATHLETIC ACTIVITIES. Interpretation of the rules and a study of the mechanics of officiating seasonal sports.

Credit, 2 hours.

First semester. T., Th. at 10:20. Brown Gymnasium.

PROFESSORS GOURLEY AND THOMAS.

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

Credit, 2 hours

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

PROFESSOR THOMAS.

231. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. History and comparison of different systems of physical education.

Credit, 3 hours.

Second semester. M., W., F. at 8:45. Brown Gymnasium.

PROFESSOR GOURLEY.

261. LIFE SAVING AND WATER SAFETY (men and women). Advanced work in all swimming strokes as well as instruction for certification in American National Red Cross Life Saving and Water Safety.

Prerequisite — see instructor for swimming requirements.

Credit, 1 hour.

First semester. T., Th. at 11:15. Brown Gymnasium.

PROFESSOR GOURLEY.

262. AMERICAN NATIONAL RED CROSS WATER SAFETY INSTRUCTOR COURSE. Training course for Water Safety Instructors, parts I and II will be taught. Part I is concerned largely with the personal skill ability of the students. Part II is directed toward methods of teaching skills.

Prerequisite — holder of current Red Cross senior life saving certificate, or instructors whose appointments have lapsed.

Credit, 1 hours.

Second semester. T., Th. at 11:15. Brown Gymnasium.

PROFESSOR GOURLEY.

281. METHODS IN COACHING VARSITY SPORTS. A study of the techniques of coaching football, basketball and track in high school.

Credit, 3 hours.

Second semester. M., W., F. at 11:15.

PROFESSORS PATTERSON, NELSON, GOURLEY.

326. SCHOOL HEALTH EDUCATION. Selection of materials, methods of instruction and coordination of health teaching with the work of other teachers. Juniors and Seniors only.

Credit, 2 hours.

First semester. T., Th. at 11:15.

PROFESSOR GOURLEY.

332. ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION. A study of the policies in the organization and administration of the physical education program, classification of students, staff, teaching load, time schedule, financing, care of the physical education plant, records and inter-school relations. This course is required of students taking a major in physical education.

Credit, 3 hours. Juniors and Seniors only.

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

PROFESSOR PATTERSON.

392. KINESIOLOGY. A study of the science of bodily movements.

Prerequisite, Biology 239.

Credit, 3 hours. Juniors and seniors only.

First semester. M., W., F. at 12:10. Brown Gymnasium.

PROFESSOR THOMAS.

393. METHODS IN PHYSICAL EDUCATION. A study of the techniques, methods, and materials used in the teaching of physical education in high school and junior high school.

Credit, 3 hours. Juniors and seniors only.

First semester. M., W., F. at 12:10. Brown Gymnasium.

PROFESSOR PATTERSON.

A SUGGESTED PROGRAM FOR A MAJOR IN PHYSICAL EDUCATION

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
Biology 107	3	Biology 108	3
English 115	3	English 116	3
History 115	3	History 116	3
Physical Education 101	1	Physical Education 102	1
Physical Education 215	2	Physical Education 117	2
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
	16		16

Sophomore Year

Directed Elective	4	Foreign Language	5
Foreign Language	5	Physical Education 202	1
Physical Education 201	1	Physical Education 231	3
Physical Education 100	2	Psychology 212	3
Psychology 211	3	Biology 239	4
Humanities Elective	2		16
	17		

Junior Year

Foreign Language	3	Foreign Language	3
Physical Education 326	2	Directed Elective	6
Physical Education 392	3	Humanities Elective	3
Directed Elective	6	Science Elective	5
Humanities Elective	2		17
	16		

Senior Year

Directed Elective	6	Education 316	3
Education 315	3	Education 322	3
Electives	3	Education 323	5
Physical Education 393	3	Electives	2
	15	Physical Education 332	3
			16

PHYSICS

The E. S. Pillsbury Department of Physics

Major: Thirty semester hours, including fourteen hours of Junior-Senior courses.

Major of Secondary School Teachers: Twenty-four semester hours including Physics 323, 316.

Physics major for the 3-2 plan of ENGINEERING with Columbia University, New York: Physics 213, 214, 316, 323; Mathematics 311, 312.

Physics major for the 3-2 plan of ENGINEERING with the Missouri School of Mines and Metallurgy, A Division of the University of Missouri, Rolla, Missouri: Physics 213, 214, 212, 315, 316; Mathematics 311, 312.

For those students who expect to enter an engineering school upon graduation, the pre-engineering curriculum plus a major in physics, mathematics, or chemistry (depending upon the type of engineering, as electrical, mechanical, chemical) is recommended.

Courses 213 and 214 require calculus as a co-requisite, and may constitute a beginning course for physics majors and pre-engineering students. Pre-medical students are admitted to courses 111 and 112.

Courses 111 and 112 are primarily for those students who want a full year's study of the principles and applications of physics.

Mathematics 331 and 332 (Statics and Dynamics) may be counted toward a major in physics.

103. FOUNDATIONS OF PHYSICS. Basic principles of mechanics, heat and sound. Text: *College Physics*, Black and Little.

Credit, 3 hours.

First semester. T., Th. at 11:15 or M., W. at 11:15. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. at 2:10-4:00; Marston Hall.

PROFESSORS HILTON AND CRAWFORD.

104. FOUNDATIONS OF PHYSICS. Basic principles of electricity, magnetism, light, optics and modern physics. Text: *College Physics*, Black and Little.

Credit, 3 hours.

Second semester. T., Th. at 11:15 or M., W. at 11:15. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. 2:10-4:00. Marston Hall.

111. COLLEGE PHYSICS. The general principles of mechanics, properties of matter, heat, and sound, together with a discussion of some of the practical applications. Problem and laboratory work are emphasized. Text: *College Physics*, Black and Little.

Credit, 5 hours. For freshmen.

First semester. M., W., Th., F. at 10:20. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. 2:10-4:00. Marston Hall.

112. COLLEGE PHYSICS. The general principles of magnetism, electricity, and light, together with a discussion of some of their practical applications. Text: *College Physics*, Black and Little.

Credit, 5 hours.

Second semester. M., W., Th., F. at 10:20. One laboratory period per week, T. at 1:15-3:00; 3:05-5:00; or W. at 2:10-4:00. Marston Hall.

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 or Mathematics 115.

Second semester. Lecture, and laboratory, M., W., F. 2:10-5:00.

PROFESSOR HILTON.

213. GENERAL PHYSICS. Calculus must be taken prior to or concurrently with this course. Course includes mechanics, sound, and heat. Text: *College Physics*, Sears and Zemansky, Second Edition.

Credit, 5 hours. Co-requisite, calculus.

First semester. Lectures M., T., W., F. at 8:45. One laboratory period a week, W. 2:10-4:00. Marston Hall.

PROFESSOR HILTON.

214. GENERAL PHYSICS. Includes electricity, magnetism, electronics, light, and modern physics. Text: *College Physics*, Sears and Zemansky, Second Edition.

Credit, 5 hours. Co-requisite, calculus.

Second semester. Lecture, M., T., W., F. at 8:45. One laboratory period per week, W. 2:10-4:00. Marston Hall.

PROFESSOR HILTON.

216. ELECTRONICS. An introductory course including electron circuits, using diodes, triodes, pentodes, beam power amplifier, rectifiers, and trigger circuits, etc. Text: *Fundamentals of Electronics*, Mitchell.

Credit, 3 hours. Co-requisite, calculus.

Second Semester. Lecture, T., Th., 11:15 and 2 hour laboratory to be arranged. One laboratory period per week. M., 2:00-4:00 or Th., 2:00-4:00.

316. ATOMIC AND NUCLEAR PHYSICS. A course in modern physics. Includes electron theory, discharge through gases, photoelectric effect, X-rays, atomic spectra, and other topics of importance to modern physics and chemistry. Text: *Atomic and Nuclear Physics*, Semat.

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

Second semester. Lecture and laboratory, M., W., F. at 10:20. 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. Given 1959-60.

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

Second semester. Lecture, M., W., F. at 10:20. Marston Hall.

PROFESSOR HILTON.

318. HEAT AND THERMODYNAMICS. Course includes study of temperature, thermodynamic systems, work, first and second laws of thermodynamics, heat, ideal gases, reversibility, Kelvin temperature, entropy, and certain applications. For students of physics, chemistry, and engineering. Text: *Heat and Thermodynamics*, Zemansky, Third Edition. Not given 1959-1960.

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

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

PROFESSOR CRAWFORD.

323. LIGHT AND OPTICS. An advanced course in light. Course includes a study of lenses, reflectors, prisms, spectrometers, ruled gratings, spectra, interferometers, diffraction, polarization, and electromagnetic theory of light. Text: *Optics*, Rossi.

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

First semester. Lecture, M., W., F. at 10:20. Marston Hall.

PROFESSOR HILTON.

333. LIGHT AND OPTICS LABORATORY. To follow or accompany Physics 323.

Credit, 1 or 2 hours.

First semester. Three hours laboratory per week for each credit hour. M., Th. 2:10-5:00. Marston Hall.

PROFESSOR HILTON.

336. ATOMIC PHYSICS LABORATORY. To follow or accompany Physics 316.

Credit, 1 or 2 hours.

Second semester. Three hours laboratory per week for each credit hour. M., Th. 2:10-5:00. Marston Hall.

PROFESSOR HILTON.

337. ELECTRO-ACOUSTICAL MEASUREMENTS. To follow or accompany Physics 317.

Credit, 1 or 2 hours.

Second semester. Three hours laboratory per week, M., 1:00-6:00. Marston Hall.

PROFESSOR HILTON.

351, 352. SPECIAL PROBLEMS. A detailed study of some specific problem or experiment in physics, history of physics, reading from current literature of physics.

Credit, 1 hour each semester.

First or second semester. Marston Hall.

PROFESSORS HILTON AND CRAWFORD.

415. ELECTRICITY AND MAGNETISM. Electronics, magnetism, potential, electric circuits, resistance, capacity, inductance, and principles of generation of electricity.

Credit, 3 hours. Prerequisite, Physics 214 and Math. 226 or 182.

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

PROFESSOR CRAWFORD.

424. 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*, Smith, Fourth Edition.

Credit, 3 hours. Prerequisite, Physics 214, and Math. 226 or 182.

First semester. Six hours laboratory per week. M., Th. 2:10-5:00. Lecture, F. at 2:10. Marston Hall.

PROFESSOR CRAWFORD.

443. PHYSICAL MECHANICS. A study of classical mechanics of particles. Text: *Mechanics*, Symon.

Credit, 3 hours. Prerequisite, Physics 214, and Math. 226 or 182.

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

PROFESSOR CRAWFORD.

A SUGGESTED PROGRAM OF STUDY FOR A PHYSICS MAJOR

Freshman

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 103	5	Chemistry 104	5
English 115	3	English 116	3
Mathematics 111	3	Mathematics 118	5
Mathematics 115	2	Physical Education 102	1
Physical Education 101	1	Physics 104	3
Physics 103	3		
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	17		17

Sophomore

Foreign Language	5	Foreign Language	5
Mathematics 225	5	Mathematics 226	5
Physics 213	5	Physics 214	5
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	15		15

Junior

Foreign Language	3	Foreign Language	3
Mathematics 335	3	Physics 316	3
Physics 323	3	Physics 336	1
Physics 333	1	Religion 112	2
Religion 111	2	Social Science Elective	3
Social Science Elective	3	Speech 102	2
Speech 101	2	Physics 216	3
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	17		17

Senior

Humanities Elective	3	Humanities Elective	3
Physics 315	3	Physics 343	3
Physics 324	3	Physics 352	1
Physics 351	1	Physics 317	3
Physics Elective	3	Social Science Elective	6
Social Science Elective	3		
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	16		16

POLITICAL SCIENCE

Major: Twenty-four semester hours.

The following courses may be taken for Political Science credit: Philosophy 233 and 234; History 337 and 338.

Political Science 101 and 102 are prerequisite to all further study for Political Science majors.

Where more than one prerequisite is suitable, the preferable one is indicated in italics.

101. *PRINCIPLES OF GOVERNMENT.* An introductory course to the field of Political Science. The student is acquainted with the terminology and methods of the study of government, and a survey of the principal forms

of government is presented. Some attention is devoted to international affairs and the "Isms." This course is also intended for those such as education majors who plan no further study in Political Science.

Credit, 3 hours.

First semester. M., W., F. at 8:45.

PROFESSOR ADAMS.

102. AMERICAN NATIONAL GOVERNMENT. Formation, development, and structure of the American federal system; structure and function of the executive, legislative, and judicial branches; status and responsibility of the citizen; the political process; expansion of federal authority; distinctive features of the American experiment in federal government.

Credit, 3 hours.

Second semester. M., W., F. at 8:45.

PROFESSOR ADAMS.

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

Credit, 2 hours. Freshmen admitted by consent of instructor only.

Second semester. T., Th. at 8:45.

PROFESSOR ADAMS.

231. CONSTITUTIONAL LAW. Evolution of constitutional government in the United States; development of civil rights and the due process, commerce, contract, and other important clauses through judicial interpretation; study of the leading cases. Given 1959-60.

Credit, 3 hours. Prerequisite, 101 or 102. Freshmen not admitted.

First semester. M., W., F. at 11:15.

PROFESSOR ADAMS.

232. AMERICAN PARTIES AND POLICIES. Political parties and pressure groups in the United States; the role of sectionalism and public opinion; party history; organization of parties; campaigns and elections. Given 1959-60.

Credit, 3 hours. Freshmen not admitted.

Second semester. M., W., F. at 11:15.

PROFESSOR ADAMS.

301. PUBLIC ADMINISTRATION. Problems of administration of government in a democracy; emphasis upon policies, organization, and functions of administration; problems of personnel management, and the nature of services rendered by government to the people. Given 1959-60.

Credit, 2 hours. For Juniors and Seniors.

First semester. T., Th. at 8:45.

PROFESSOR ADAMS.

315, 316. AMERICAN POLITICAL THOUGHT. The colonial period; political arguments leading to the American Revolution; political thought reflected in the writing of the Constitution; Hamiltonianism, Jeffersonianism, Jacksonian democracy, the slavery question; influence of religion,

sectionalism, and the frontier on American political thought. Reconstruction; the Solid South; influence of "Big Business"; rugged individualism; the New Freedom; post-war disillusionment; the New Deal; the Fair Deal; the Eisenhower administration. Given 1959-60.

Credit, 2 hours.

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

PROFESSOR ADAMS.

321. COMPARATIVE GOVERNMENT. Organization and operation of the principal European governments, including Russia. Some attention is devoted to the Orient and other areas. Special attention to ideologies. Not given 1959-60.

Credit, 3 hours. Prerequisite, 101 or 102. Freshmen not admitted.

First semester. M., W., F. at 11:15.

PROFESSOR ADAMS.

322. INTERNATIONAL POLITICS. Fundamentals of international relations; nature of power politics, dynamics of state existence; role of geography, nationalism, techniques and instruments of power politics. Emphasis is placed upon the great regions in world politics and the search for peace. Not given 1959-60.

Credit, 3 hours. Freshmen not admitted.

Second semester. M., W., F. at 11:15.

PROFESSOR ADAMS.

431. RESEARCH SEMINAR IN BIBLIOGRAPHICAL METHODS. Primarily for Political Science students who expect to do graduate work. Emphasis is placed upon becoming familiar with important bibliographical guides in the field and developing the methods and techniques required for independent research.

Credit, 2 hours. Prerequisite, 10 hours of Political Science and consent of instructor.

First semester. Hours by appointment.

PROFESSOR ADAMS.

432. SENIOR SEMINAR. Study in specialized fields. Subjects for research papers, to be produced in thesis form, may be determined by the interests of the student.

Credit, 1-2 hours. Prerequisite, 12 hours of Political Science or consent of instructor.

Second semester. Hours by appointment.

PROFESSOR ADAMS.

PSYCHOLOGY

Major: Thirty semester hours of which courses 211, 321 and 322 are required. Six semester hours above the elementary level may count towards a major from the fields of Biology, Economics, Philosophy, Sociology.

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

Credit, 3 hours.

First semester. M., W., F. at 7:50 and 8:45. B-10 Marston Hall.

PROFESSOR GRIFFITHS.

212. EDUCATIONAL PSYCHOLOGY. Application of psychological facts and principles to learning and teaching. Chief topics of study are learning capacity, types of learning, methods and conditions of learning, motivation, transfer of training, followed by methods of testing and evaluation of achievement.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 7:50. B-10 Marston Hall.

PROFESSOR GRIFFITHS.

214. MENTAL HYGIENE. A survey of problems of emotional maladjustments, including minor mental disorders, with discussion of corrective programs, therapeutic measures and resources.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 8:45. B-10 Marston Hall.

PROFESSOR ERWIN.

303. ABNORMAL PSYCHOLOGY. A descriptive and explanatory study of major mental disorders including the common psychosomatic disturbances. Evaluation of current therapeutic procedures.

Credit, 3 hours. Prerequisite, 211 and at least Sophomore rank.

First semester. M., W., F. at 11:15. 107 Marston Hall.

PROFESSOR GRIFFITHS.

304. SOCIAL PSYCHOLOGY. A study of the behavior and personality as socially determined. Comparison of cultures and sub-groups in relation to manners, customs, beliefs, attitudes and aspirations.

Credit, 3 hours. Prerequisite, 211 and Soc. 211.

Second semester. M., W., F. at 11:15. 107 Marston Hall.

PROFESSOR GRIFFITHS.

305. PERSONALITY. A study of present-day approaches to the development, structure and measurement of personality and the concept of types.

Credit, 3 hours. Prerequisite, 211.

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

PROFESSOR ERWIN.

306. PERSONNEL PSYCHOLOGY. A study of the applications of psychology in the field of personnel management. Special topics of study are types of personnel organization, functions of a personnel department, methods of selection and placement, job analysis, specification and evaluation, testing procedures, ratings methods, and problems of employee morale.

Credit, 3 hours. Prerequisite, 211 and either 214, 303 or 305.

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

PROFESSOR GRIFFITHS.

312. PHYSIOLOGICAL PSYCHOLOGY. A study of the biological aspects and bases of human behavior; the neural and glandular structures and functions, sensory equipment, and their significance for a psychological understanding of behavior.

Credit, 3 hours. Prerequisite, 211 and 321 or consent of instructor.

Second semester. M., W., F. at 11:15. B-8 Marston Hall.

PROFESSOR ERWIN.

321. EXPERIMENTAL PSYCHOLOGY. An introduction to the experimental techniques and design. Laboratory and lectures. Required of majors.

Credit, 5 hours. Prerequisite, 211.

First semester. M., T., W., Th., F. at 10:20. B-8 Marston Hall. Lab. T., Th. 10:20-12:10.

PROFESSOR ERWIN.

322. HISTORY AND SYSTEMS OF PSYCHOLOGY. The rise and growth of modern psychology and its contemporary enterprises. Required of majors.

Credit, 3 hours. Prerequisite, 211 and 321.

Second semester. T., Th. at 7:50 and 1 hour to be arranged. B-8 Marston Hall.

PROFESSOR ERWIN.

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

Credit, 3 hours. Prerequisite, 211.

First semester. M., W., F. at 7:50. 201 Jewell Hall.

PROFESSOR ERWIN.

330. DEVELOPMENTAL PSYCHOLOGY: ADOLESCENCE AND MATURITY. Continuance of 329 with emphasis on the physical, mental, social and emotional changes and the implications of these changes for those who plan to work with youth.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 7:50. 201 Jewell Hall.

PROFESSOR ERWIN.

401, 402. READINGS IN PSYCHOLOGY. Readings and reports on an advanced level of selected topics.

Credit, 2 hours either semester. Primarily for majors. To be arranged.

PROFESSOR GRIFFITHS.

421. SEMINAR. Special projects for Senior majors.

Credit, 2 hours.

First semester. Time to be arranged.

PROFESSOR ERWIN.

RELIGION

The W. D. Johnson Department of Religion

Major: Twenty-four semester hours including courses 221, 222, 332, 352, 451, 452. Religion 111 and 112 shall not count toward a major. The student should plan his entire program with the major professor, including the required language and areas of concentration. This major is intended to benefit the student who plans to study further in an accredited theological seminary, and the student who finds such further study impractical.

111. BIBLE HISTORY. This course gives the student a working knowledge of Bible History. In the first semester attention is given to background materials and to Old Testament history. Texts: *The Bible*; *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, PROFESSOR MOORE.

112. BIBLE HISTORY. The Interbiblical period and the New Testament. Texts: *The Bible*; *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, PROFESSOR MOORE.

143. CHURCH ADMINISTRATION. The minister's task as educational leader, pastor, administrator, preacher, and community leader will be discussed. Text: *Pastoral Leadership*, Andrew W. Blackwood; library references.

Credit, 2 hours.

First semester. T., Th. at 10:20. 204 Jewell Hall.

PROFESSOR MOORE.

221. LIFE AND TEACHINGS OF JESUS. A study of the principal events in the life of Jesus. Some attention is given also to the teachings of Jesus. Texts: *A Harmony of the Gospels*, Robertson; *The Life and Teachings of Jesus*, Layman; library references.

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

First semester. M., W., F. at 10:20. 204 Jewell Hall.

PROFESSOR MOORE.

222. LIFE AND LETTERS OF PAUL. Paul and his writings are studied in the context of the developing Christian community. Texts: *The Bible*; *The Life and Letters of Paul*, Smith; Library references.

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

Second semester. M., W., F. at 10:20. 204 Jewell Hall.

PROFESSOR MOORE.

223. THE GENERAL EPISTLES, HEBREWS, AND REVELATION. A study of the teachings of these books. Attention will be given also to the development of the Christian Church in these later New Testament books. Text: *The New Testament*; library references. Given 1959-60.

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 204 Jewell Hall.

PROFESSOR MOORE.

252. CHRISTIAN MISSIONS. A rapid survey of the course of Christian Missions from the first century to the present. An examination of the basis for Christian Missions to non-Christian lands will be made. Text: *The Philosophy of the Christian World Mission*, Soper; library references. Not given 1959-60.

Credit, 3 hours.

Second semester. M., W., F. at 7:50. 204 Jewell Hall.

PROFESSOR MOORE.

331. HISTORY OF THE CHURCH. A survey of Christian history through the Reformation. Alternates with Religion 452. Given 1959-60.

Credit, 3 hours.

First semester. M., W., F. at 8:45. 204 Jewell Hall.

PROFESSOR MOORE.

332. HISTORY OF AMERICAN CHRISTIANITY. A survey of Christianity in America with attention to denominational development. Text: *The Story of Religion in America*, Sweet; library references.

Credit, 3 hours.

Second semester. M., W., F. at 8:45. 204 Jewell Hall.

PROFESSOR MOORE.

333. HISTORY OF THE BAPTISTS. Particular attention is given to the rise of Baptists in America. European background is also surveyed. Text: *A History of the Baptists*, Torbet. Not given 1959-60.

Credit, 2 hours.

First semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR MOORE.

352. PROPHETIC RELIGION. The Hebrew writing prophets through the 5th century B.C. with special attention to the development of ethical monotheism. Bible and library references. This course alternates with Religion 354. Not given 1959-60.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR MOORE.

451. THE RELIGIONS OF MANKIND. A survey of the major religions of the world, past and present. Text: *The Religions of Mankind*, Noss; library references.

Credit, 3 hours.

First semester. M., W., F. at 7:50. 204 Jewell Hall.

PROFESSOR MOORE.

452. BASIC CHRISTIAN DOCTRINES. A study of the doctrines of the Bible with attention given to such subjects as revelation, inspiration, sin, sanctification, ecclesiology and especially the doctrine of the atonement. This course alternates with 331. Not given 1959-60.

Credit, 3 hours.

First semester. M., W., F. at 10:20. 204 Jewell Hall.

PROFESSOR MOORE.

454. CHRISTIAN ETHICS. Theory and practice of Christian ethics with particular attention to its contemporary relevance. Text: *Christian Ethics*, Knudson. This course alternates with 352. Given 1959-60.

Credit, 2 hours.

Second semester. T., Th. at 8:45. 204 Jewell Hall.

PROFESSOR MOORE.

SOCIOLOGY

Major: Twenty-four semester hours, including courses 211, 319, and 412.

211. INTRODUCTION TO SOCIOLOGY. This introductory survey of the science of society includes a study of the scope, methodology, and terminology of sociology. Culture, personality, group behavior, social institutions, and social change are among the topics discussed. Freshmen are admitted.

Credit, 3 hours.

First semester.

STAFF.

214. SOCIAL PROBLEMS. An analysis of selected major social problems of contemporary American society. The focus of attention is on the people and the problems which arise in the dynamic processes of culture. Personal and social disorganization, problems of the economic order; and situations related to social change are among topics considered.

Credit, 2 hours. Prerequisite, 211.

Second semester.

PROFESSOR WHALEY.

218. SOCIAL WORK. A survey of the nature and philosophy of social work, its historical background, the general theory of social work, and its application to individual and community problems. This course is designed to acquaint the student with the social-work profession and its function in modern society.

Credit, 2 hours. Prerequisite, 211

Second semester.

PROFESSOR HUNNICUTT.

300. THE COMMUNITY. The structure and function of rural and urban communities in a contemporary society is the subject of this course. This includes the social problems of slums, ghettos, tenements, and isolation of a social or geographical nature. Principles and practices of community reorganization and redevelopment are scientifically evaluated.

Credit, 3 hours. Prerequisite, 211 or consent of the instructor.

First semester.

PROFESSOR WHALEY.

313. POPULATION AND HUMAN ECOLOGY. This course will consist of the analysis and interpretation of population distribution, composition, and growth. Special attention will be given to the importance of population problems and policies in relation to current national and international economic, political, and social conditions.

Credit, 2 hours. Prerequisite, 211.

First semester.

PROFESSOR HUNNICUTT.

317. CHILD WELFARE. This course explores the origins and need for welfare services in America. Agencies serving child welfare; means of safeguarding family life; juvenile delinquency; foster home care, adoption, illegitimacy, handicapped children; and the United Nations program for under-privileged children are discussed.

Credit, 2 hours. Prerequisite, 211.

First semester.

PROFESSOR WHALEY.

319. METHODS OF SOCIAL RESEARCH. The application of research techniques to the social sciences. This will include the theory of social research, research design, techniques of collecting and processing data, analysing data, and research reporting. Laboratory work required.

Credit, 3 hours. Prerequisite, 12 hours in social science, including 211 or the consent of the instructor.

First semester.

PROFESSOR HUNNICUTT.

322. CRIMINOLOGY. A study of the nature, causes, and consequences of crime; variations in criminal and delinquent behavior by social class, ethnic groups, and geographical areas; an evaluation of various methods of treatment and prevention of crime.

Credit, 3 hours. Prerequisite, 211.

Second semester. M., W., F. at 8:45. 104 Jewell Hall.

PROFESSOR WHALEY.

326. THE FAMILY. A study of family structure and functions; the changing role of the family in history; significant social characteristics of American family life; the family as a unit of interacting personalities; family organization, family disorganization and reorganization.

Credit, 3 hours. Prerequisite, 211, or consent of instructor.

First semester.

PROFESSOR WHALEY.

332. CULTURAL ANTHROPOLOGY. A systematic introduction to cultural anthropology. Special attention is given to simple or primitive societies, with applications of results to contemporary complex societies. The nature and process of cultural development are studied in connection with the language, institutions and stateways of peoples.

Credit, 3 hours. Prerequisite, 211.

Second semester.

PROFESSOR HUNNICUTT.

334. GROUP DYNAMICS. This course seeks to acquaint the student with research findings and their implications for more effective functioning of groups in our American democracy. Some of the topics studied are: group cohesiveness, group pressures and standards, group goals and locomotion, structural properties of groups, and leadership.

Credit, 3 hours. Prerequisite, 211, and Psychology 211.

First semester.

PROFESSOR WHALEY.

412. SOCIAL THEORY. A historical and analytical study of major contributions of social thought, including: the origin and development of early social thought; contributions of pioneers in the field of sociology; major types of sociological theory; contemporary social theory.

Credit, 3 hours. Prerequisite, 211.

Second semester.

PROFESSOR HUNNICUTT.

427, 428. READINGS IN SOCIOLOGY. Readings are assigned from the works of prominent sociologists. Individual reports are arranged.

Credit, 1 or 2 hours.

First and second semesters.

431, 432. RESEARCH SEMINAR. An intensive study of special areas of sociological theory and research. Each student will be expected to engage in research under the supervision of the department.

Credit, 2 hours each semester.

First and second semesters. Hours to be arranged.

PROPOSED SCHEDULE FOR SOCIOLOGY MAJORS

Freshman Year

FIRST SEMESTER		SECOND SEMESTER	
English 115	3	English 116	3
Religion 111	2	Religion 112	2
Speech 101	2	Speech 102	2
Foreign Language	5	Foreign Language	5
Physical Education 101	1	Physical Education 102	1
Econ. 101	3	Elective	3
	<u>16</u>		<u>16</u>

Sophomore Year

Math. or Natural Science	3.5	Math. or Natural Science	3.5
Foreign Language	3	Foreign Language	3
Sociology 211	3	Sociology 218	2
History 221	3	Econ. 201	3
Political Science 101	3	Electives	5.4
	<u>15</u>		<u>15</u>

Junior Year

Math. or Natural Science	3	Math. or Natural Science	2.3
Sociology 300	3	Sociology 326	3
Sociology 313	2	Sociology 332	3
Philosophy 203	3	Philosophy 204	3
Psychology 211	3	Electives	5.6
Philosophy 231	2		<u>16</u>
	<u>16</u>		

Senior Year

Sociology 319	3	Sociology 412	3
Sociology 427	2	Sociology 432	2
Psychology 303	3	Psychology 304	3
Education 317	3	History 335	2
Religion 451	3	Electives	5
Electives	2		<u>15</u>
	<u>16</u>		

SPEECH (See English and Speech)

Degrees

HONORARY DEGREES CONFERRED

Commencement, June 2, 1958

Doctor of Laws, HONORABLE BROOKS HAYS
U. S. House of Representatives

Doctor of Humanities, ALMA FAY HUNT
Executive Secretary, Woman's Missionary Union
Southern Baptist Convention

Doctor of Divinity, REV. JOHN IRELAND PARR
Pastor, Linden Avenue Baptist Church
Dayton, Ohio

Doctor of Divinity, REV. GEORGE A. HAMMON
Pastor, First Baptist Church
Festus-Crystal City, Missouri

Achievement Day, November 13, 1958

Doctor of Humanites, HONORABLE CLARENCE CANNON
U. S. House of Representatives

BACHELOR OF ARTS DEGREES CONFERRED

Commencement, June 2, 1958

- ✧ ARMSTRONG, JACK LYNN
2104 W. Jefferson, Springfield, Illinois
- ✧ ASCHAN, TED A.
2524 E. 21st, Des Moines, Iowa
- ✧ BAILEY, DENNIS JOHN
4517 Winn Rd., Kansas City 16
- ✧ BAIRD, JESSE DeWAYNE
420 Isley, Excelsior Springs
- ✧ BANDY, JOSEPH WAYNE
830 School St., Hillsboro, Illinois
- ✧ BARTH, EDGAR LESLIE
4025 Central, Kansas City
- ✧ BATES, FERDINAND, JR.
495 N. Missouri St., Liberty
- ✧ BLAYLOCK, CHARLES GENTRY
1109 W. Oak, Herrin, Illinois
- ✧ BLOSS, JAMES LINCOLN
1489 E. 76th Terr., Kansas City
- ✧ BOLTNIEW, GEORGE
2337 W. 14th St., Cleveland 13, Ohio
- ✧ BONUCHI, JAMES ANTHONY
Overland
- ✧ BORDEN, JOYCE FAYE
P.O. Box 111, Easton, Kansas
- ✧ BORGSTADT, MARTHA ANNE
Concordia
- ✧ BRANDOM, RICHARD LAND
102 Morse Ave., Liberty
- ✧ BRECKENRIDGE, SAMMY REA
Turney
- ✧ BURKE, ALOAH ANN
4704 E. 44 Terr. N., Kansas City 16
- ✧ BUSH, NORMAN JAMES
2021 Harvard, Independence
- ✧ BUTLER, THOMAS BENTON, JR.
Excelsior Springs
- ✧ BYE, CURTIS J.
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- ✧ CAMPBELL, LOIS MARIE
3312 Mayfield, Alton, Illinois
- ✧ CANNING, ALYCE JANE
1561 B St., Springfield, Oregon
- ✧ CARTWRIGHT, JOHN PATRICK
7214 Montgall, Kansas City
- ✧ CHRISTIAN, RICHARD M.
1301 N. McCoy, Independence
- ✧ CONNORS, THOMAS E.
11321 E. 55th Terr., Independence
- ✧ COOK, GLENN WM., JR.
St. Louis
- ✧ COX, NINA FAYE
Leeton
- ✧ CURTIS, WILLIAM JOSEPH
1801 E. Mechanic, Independence
- ✧ DAVIS, CLAUD NEAL
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- ✧ DAVIS, DONNIE CURRY
8825 Daniel Boone, Kansas City
- ✧ DAVIS, WENDELL GENE
3905 Arlene, Flint, Michigan

- ✓ DILLARD, HERBERT BENNIE, JR.
1512 Nightingale, Dearborn, Michigan
- DUBOIS, NANCY JANE
434 No. Geyer Rd., Kirkwood
- ✓ DYE, ROBERT L.
Liberty
- ✓ DYER, KENNETH WAYNE
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Fairfax, Virginia
- ✓ EURITT, KENNETH EUGENE
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- ✓ FAUBION, ANN ELLA
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- FRITH, MARY CAROLYN
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- ✓ FUJIWARA, SETSUKO
Yokohama, Japan
- ✓ FULKERSON, THOMAS FRANKLIN
415 Pierce, Kirksville
- ✓ GABRIEL, JACK THOMAS
3207 Benton, Kansas City
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- ✓ GEORGIEFF, EDWARD
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- GRAVES, NAOMI DEE
3215-50th, Des Moines, Iowa
- ✓ GRAY, DAVID LESTER
5230 N. Hardesty, Rte. 14, Kansas City 16
- ✓ HAGLER, VIRGINIA LOUISE
2101 S. Holly Ave., Sioux Falls, South Dakota
- ✓ HARRIS, DONNELL RAY
329 Arbor Lane, Webster Groves
- ✓ HARTMAN, ROGER D.
424 Dunbar, Excelsior Springs
- ✓ HAWKINS, ROBERT GARVIN
Gower
- ✓ HEDGES, WESLEY EDWARD
1625 Clark, St. Charles
- ✓ HENDRIX, JOHN DILLARD
125 So. Evanston, Kansas City
- ✓ HIRNI, CYNTHIA
319 Ridge Ave., Liberty
- ✓ HIRSCH, PAUL EDWIN
317 N. 8th, Wakeeney, Kansas
- ✓ HONEYFIELD, ROBERT MARK
1110 Lewis, LaJunta, Colorado
- ✓ HUDSON, JAMES GRAY
1019 E. 23rd Ave., N. Kansas City
- ✓ JAMESON, ROBERT LESLIE
2406 Highly, St. Joseph
- ✓ JONES, DELMER E. C.
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- KELLEY, PATRICIA SUE
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- ✓ KUHLMAN, DAVID V.
Bogard
- LATHROP, WARREN LANDER
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- ✓ LEITER, GILBERT GENE
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- ✓ LEVICK, KATHRYN LOUISE
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- ✓ LUKENS, JANET RAE
512 N. 11th, Herrin, Illinois
- ✓ MCKEAN, JUNE EVELYN
9804 Cottonwood Lane, Rockhill 19
- ✓ MALLOW, VERNON RICHARD
Buckner
- ✓ MILLER, WANDA LOU
Wellman, Iowa
- ✓ MITCHELL, DELMA CONN
816 Hillside, Liberty
- ✓ MOBERLY, RAYMOND RONALD
Rte. 1, Excelsior Springs
- ✓ MOHLER, DOROTHY SUE
Rte. 1, Leeton
- ✓ MONTGOMERY, MAURICE JARRELL
419 Williams St., Janesville, Wisconsin
- ✓ MONTGOMERY, SHIRLEY ANNE
1382 So. Third, Louisville, Kentucky
- ✓ MOORE, CHARLES R.
905 Hillside, Liberty
- ✓ MORGAN, BILLY B.
Piggott, Arkansas
- ✓ MORTON, DAVID
4832 Steele, Denver, Colorado
- ✓ MURCH, HERBERT BRYANT
555 No. Clay, Kirkwood
- ✓ MYERS, DOLORES DOUGLAS
3223 Park, Kansas City
- ✓ NAIL, JAMES D.
Holcomb
- ✓ NESTER, NORMAN WALLACE
Walnut Grove
- PARR, JOYCE KATHLEEN
✓ 940 Hollendale, Dayton, Ohio
- ✓ PHILLIPS, GERALD RAY
326 E. Franklin, Rood House, Illinois
- ✓ PIERCE, GEORGIA JOELENE
305 Henderson, Salem
- ✓ PLESS, JOAN ELIZABETH
19149 Bretton Dr., Detroit 23, Michigan

- RAHTER, IMA LOU FELLARS
1751 W. Hadley, Phoenix, Arizona
- RAMSBOTTOM, ROBERT LEE
Gallatin
- RICE, ROBERT FOSTER
426 Doniphan, Liberty
- RICHMOND, MARTHA BENTLY
Glasgow
- RINGER, JOHN WILLIAM
320 Chautauqua Lane, Dexter
- ROBERTS, M. HAROLD
Bolckow
- ROGERS, JOHN A.
Rte. 2, Liberty
- ROOT, JOHN ALFRED
Box 512, Rte. 3, Independence
- ROOT, JUDITH ANN
Box 512, Rte. 3, Independence
- ROSE, WILLIAM PENN
St. Joseph
- ROSS, DONALD S.
571 Evanston, Kansas City
- ROTSCH, PHILIP RONALD
124 N. Jewell, Liberty
- ROWE, JOYCE KING
Kansas City
- ROWIN, MARION SPENCER
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- RUNGE, DONNA MAE LAMBERT
5805 E. 101st, Kansas City 34
- SAHN, GARY DEWITT
202 E. Franklin, Liberty
- SEYMOUR, KATHERINE S.
New York, New York
- SHERWOOD, TOM McCLAIN
464 Morse Ave., Liberty
- SKINNER, THELMA CHARLENE
1316 E. 12th, Trenton
- SMITH, HELEN GAYLE
1201 N. River, Independence
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Virginia
- STONE, ROBERT RAY, JR.
1415 Kenwood Blvd. S.E., Roanoke,
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- TENGAN, YOSHIO BARNEY
Makawao, Maui, Territory of Hawaii
- THENO, EDNA DARLENE
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- TOMLINSON, BETTY LOU
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- WARING, RICHARD C.
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- WERNER, ROBERT E.
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- WITTENMYER, GERALD MILTON
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- WOODS, VERNON REX
1809-38th St., Rock Island, Illinois
- WRIGHT, MARION C., JR.
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- YOUNG, WILLIAM ROBERT
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BACHELOR OF ARTS DEGREES CONFERRED

Commencement, August 1, 1958

- ADKISSON, HUSTON D.
431 E. Franklin, Liberty
- CATA, BERTHA MAE
Box 531, Espanola, New Mexico
- CHAPMAN, CAROL JEAN
Avilla
- COLE, CECIL HENRY
709 Glenwood, Kansas City
- DESHON, DAVID SPRAGUE
1209 E. 67th Terr. N., Kansas City.
- FERRIL, JANE LINCOLN
450 E. Franklin, Liberty
- HARMON, JUDITH
455 E. Kansas, Liberty
- HOLMAN, ALMA
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- HULETT, BARTON K.
424 N. 71 By-Pass, Independence
- HUTTON, HARRY ALAN
8232 Virginia, Kansas City
- McCLARD, ELVA WALKER
325 Arthur, Liberty
- O'HARA, JAMES PAUL
Rte. 2, Perkinson, Mississippi
- SHOCKLEY, DONALD R.
Bates City
- STRIEGEL, LOUIS E.
608 E. 67th Place, Kansas City 16
- TOMLIN, ERNA DALE
Nashua
- WADLEY, JERRY BENTON
1323 E. 31st St., Kansas City
- WINTEROWD, KAY B.
905 Jefferson, Kansas City

Enrollment

FALL SEMESTER 1958-59

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	82	32	114
Juniors	121	49	170
Sophomores	134	75	209
Freshmen	206	87	293
Special Students	27	29	56
Total	570	272	842
SUMMER SCHOOL 1958	91	134	225
Grand Totals Excluding Duplications	602	374	976

ENROLLMENT BY STATES AND COUNTRIES

FALL SEMESTER 1958-59 AND SUMMER SCHOOL 1958

Alabama	2	New York	5
Arizona	1	Ohio	8
Arkansas	3	Oklahoma	2*
California	4	Oregon	1
Colorado	10	Pennsylvania	2
Connecticut	1	South Dakota	2
Idaho	1	Texas	5
Illinois	44*	Virginia	3*
Indiana	1	Wisconsin	1
Iowa	6	Wyoming	2
Kansas	41*	British West Indies	1*
Kentucky	1	Canada	2*
Massachusetts	4*	Hong Kong	1*
Michigan	3	Iran	2
Minnesota	2	Israel	1
Mississippi	2	Japan	1
Missouri	806*	Nigeria	1
Montana	1	Peru	1
Nebraska	1	Total	976*
New Jersey	1		

*The figures so marked indicate numbers excluding duplications (i.e. persons attending both regular session and summer session).

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