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The UNIVERSITY OF ILLINOIS
Jamestown College
Bulletin



CATALOGUE NUMBER
1919--1920

JAMESTOWN, NORTH DAKOTA, MAY, 1919

The Jamestown College Bulletin



The Annual Catalogue with the Register of Students of Jamestown College for 1918-1919. Also Announcements and Courses of Study for 1919-1920.

Jamestown, North Dakota, May, 1919

Entered at the Postoffice at Jamestown, North Dakota, as Second-Class Matter, November 5, 1909, under the Act of July 16, 1894.

Published quarterly by Jamestown College.

1919

COLLEGE EVENTS

1919

Summer School, June 30 to August 13

First Semester Begins.....	Tuesday, Sept. 23.
Registration Day	Tuesday, 8 a. m, Sept. 23
Classes Meet	Wednesday, 8 a. m., Sept. 24
Thanksgiving Recess	Thursday, Friday, Nov. 20, 21
Recitations Resumed	Monday, 8 a. m., Nov. 24
Christmas Vacation Begins.....	Friday, 4 p. m., Dec. 19.

1920

Recitations Resumed	Monday, 8 a. m., Jan. 5
Day of Prayer for Colleges.....	Thursday, Feb. 5
First Semester Closes	Friday, Feb. 13
Second Semester Begins.....	Monday, Feb. 16
Registration Days	Monday, Feb. 16
Cap and Gown Day.....	Saturday, Monday, Feb. 14 and 16
Classes Meet	Tuesday, 8 a. m., Feb. 17
Colonial Night	Saturday, Feb. 21
Washington's Birthday	Sunday, Feb. 22
Academy Night	Friday, June 11
Baccalaureate Sermon	Sunday, June 13
Annual Concert	Monday, 8 p. m., June 14
Commencement in Academy.....	Tuesday, 8 p. m., June 15
Class Night	Wednesday, 8 p. m., June 16
Meeting of Board of Trustees.....	Thursday, 2.30 p. m., June 17
Commencement	Thursday, 8 p. m., June 17
President's Reception	Thursday, 10 p. m., June 17

Regular meetings of the Board of Trustees: For 1919, June 19, 2.30 p. m.; October 9, 2.30 p. m.

Incorporated as Jamestown College, November 19, 1883.

Received as Synodical College of North Dakota, October 9, 1885.

Closed its doors June, 1893.

Reopened September 20, 1909.

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1918/19-1924/25

BOARD OF TRUSTEES

- I. 1919—Rev. Guy W. Simon, D.D., First Presbyterian Church, Jamestown.
Rev. Byron A. Fahl, D. D., Presbyterian Church, Buffalo.
C. L. Young, Attorney-at-Law, Bismarck.
- II. 1920—John Mahon, Real Estate and Loans, Langdon.
Charles Peterson, Banker, New Salem.
W. J. Lane, Real Estate and Loans, Fargo.
- III. 1921—Henry M. Taber, Financial Agent and Loans, Jamestown.
J. A. Coffey, Attorney-at-Law, Judge District Court, Jamestown.
Rev. W. H. Mathews, D. D., Greenwich Presbyterian Church, New York City.
- IV. 1922—Rev. D. T. Robertson, Ph. D., First Presbyterian Church, Fargo.
David Lloyd, Banker, LaMoure.
S. E. Ellsworth, Attorney-at-Law, Jamestown.
- V. 1923—S. F. Corwin, Vice-President James River National Bank, Jamestown.
C. F. Plummer, Merchant, Minnewaukon.
Abner Veitch, Financial Agent, Williston.
- VI. 1924—Ben Orlady, Merchant, Dry Goods, Jamestown.
A. G. Burr, Attorney-at-Law, Judge District Court, Rugby.
J. M. Smith, Grand Forks.
President B. H. Kroeze, Ex-Officio.

OFFICERS OF THE BOARD FOR 1918-1919

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Ben Orlady, Vice-Chairman	H. B. Allen, Treasurer

EXECUTIVE COMMITTEE

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Rev. Guy W. Simon, D. D.	S. F. Corwin
Ben Orlady	Barend H. Kroeze, D. D.

FACULTY

BAREND H. KROEZE, A. M., D.D., LL.D., President
Philosophy, Psychology.

FRANK B. TAYLOR, M.S., Ph.D., Dean.
Social Science and History.

WILLIAM B. THOMAS, A.M., Registrar.
Chemistry and Physics.

MAY E. CHALFANT, A.B.
Greek and Latin Literature.

WILLIAM E. ROE, A.B., D.D.
The Thomas McCurdy Memorial Chair of Religious Education and
Sunday School Methods.

HAROLD M. DAVIDSON, A.M.
Modern Language and Literature

CHARLES EDGAR FULTON, A.M.
Mathematics and Engineering.

ROY H. HOLMES, Ph.B.
English Language and Literature.

B. V. GROSSMAN, A.M.
Biology and Psychology.

HESTER CUNNINGHAM DAVIDSON, A.M.
Modern Language and Literature.

ARTHUR STUCKENBRUCK, M.C.S.
Director of School of Business.

HARVEY C. HANSEN
Instructor in Academy.

MARION JOHNSON, A.B.
Assistant in Latin and English.

HARRY DYER JACKSON.

Dean of Music. Piano, Organ, Theory.

Pupil of Harold Bauer and Alexander Guilman, Paris. Graduate of the Jacksonville, Ill., and the Boston Conservatories of Music. Post-graduate of the New England Conservatory of Music. Dean of Music, Alabama Conference Female College, the Lebanon Valley College, Annville, Pa. Director of Music of the Pennsylvania State Chautauqua, Mt. Gretna, Pa. Dean of Music, Jamestown College 1918-

ALICE MAUDE JACKSON.

Teacher of Voice and Sight Reading.

Graduate of the Oberlin Conservatory and the Boston Conservatory of Music. Post-graduate of the New England Conservatory. Pupil of Oscar Daeuger and John Bland, New York. Teacher of Voice Alabama Conference Female College, the Lebanon Valley College. Jamestown College, 1918-

KARL ERICSON, A.B.

Assistant in Mathematics and Science.

MABEL HARRIS.

Domestic Science and Art.

EVA A. PARSLOW.

Instructor in Oil and Water Color Painting.

JOYCE MARTIN.

Physical Training for Women.

HUGH WRIGHT.

Instructor in School of Business.

PEARL BAUER.

Laboratory Assistant in Academy.

CHARLES H. BORDWELL.

Instructor in Band Music.

STELLA EBERSOLE.

Librarian.

DORIS COOMB

Assistant Librarian.

EVA A. PARSLOW.

Preceptress, Sanford Dormitory.

FACULTY IN SUMMER SCHOOL.

WILLIAM B. THOMAS, A.M.

F. B. TAYLOR, Ph. D.

Social Sciences.

CHARLES E. FULTON, A.M.

Mathematics.

MRS. HARRIET DANIELS.

Primary Methods.

FLORENCE TAYLOR, A.M.

English.

EDNA A. L'MOORE, A. B.

Modern Language.

MARION JOHNSON, A.B.

Latin.

BERTHA M. THOMAS, A.B.

Reviews and Methods.

NETTIE G. KROEZE, A.B.

Piano.

CHARLES BORDWELL.

Commercial Subjects.

GENERAL INFORMATION

ADMINISTRATION

The administrative policy of Jamestown College is determined by a Board of Trustees which is a self-perpetuating body duly incorporated under the laws of the State of North Dakota. The Board consists of six classes, the term of one class expiring in June of each year. The election of the new class is confirmed at the annual meeting of the Synod of North Dakota. This policy guarantees wise and safe management, with responsibility to both legal and ecclesiastical authorities, rendering effective administration possible, and stimulating moral and religious supervision and training.

The Board of Trustees is responsible for and the guardian of all the property and funds of the College, and directly conducts its financial affairs. Investors and philanthropists are assured, by such an administration, of business methods, devoid of politics, and duly accountable to the Church and State.

THE COLLEGE IDEA

It is the declared purpose of the College to encourage the development of an educated Christian citizenship, and to that end it seeks to offer a liberal culture combined with moral training. The educational ideal is "The Balanced Life," a proper combination of the theoretical and the practical, the intellectual and the moral, such as no other type of institution gives. While denominational in auspices, the College is in no respect sectarian, and does not teach any Church tenets. The Synodical supervision is designed to safeguard its moral and spiritual tone, to make its halls a place for effective scholastic training under the inspiration of Christian leadership, with accountability for its moral life and conduct. Every home is therefore assured that those whom it entrusts for a time to Jamestown College will be under ideal oversight and broad and liberal religious influence. It is a Christian College with home life.

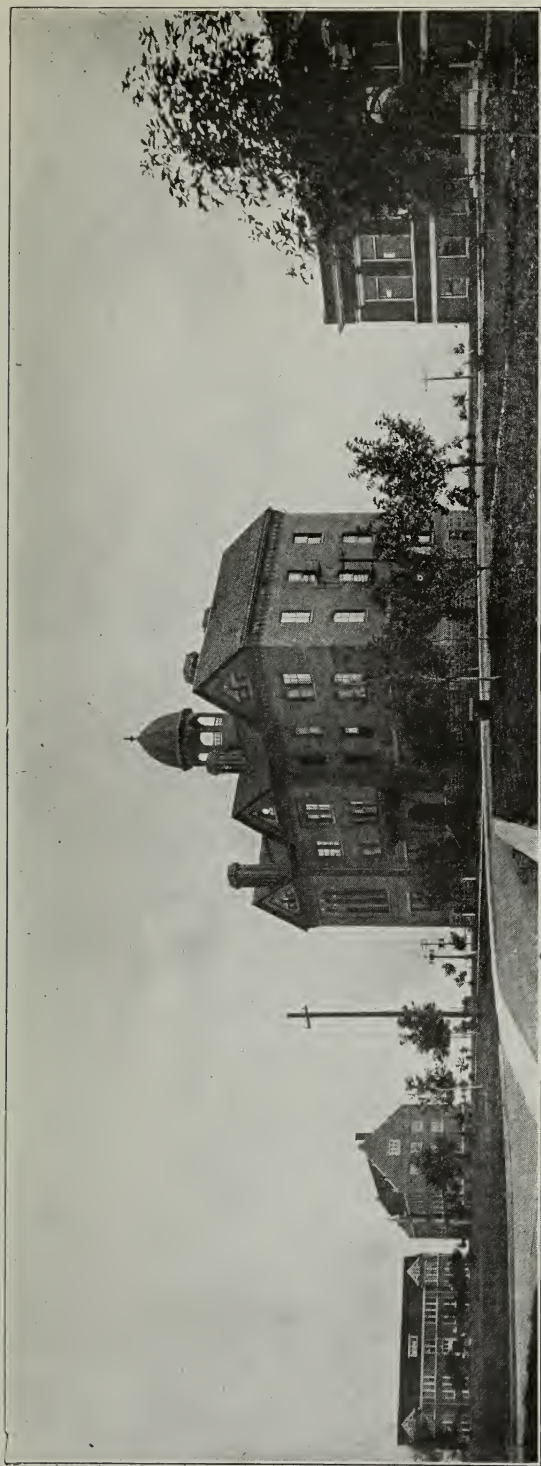
ORGANIZATION

Jamestown College consists of the following departments:

- I.—The College of Liberal Arts, with the usual courses of four years leading to the degrees of Bachelor of Arts (B. A.) and Bachelor of Science (B. S.)

- II.—Department of Education. Professional courses for teachers as required by the State of North Dakota for licensed teachers. Courses in Educational Criticism and Philosophy. ,
- III.—The Academy or Preparatory Department. The Academy prepares for all the College courses. Diplomas are awarded.
- IV.—The School of Music, which offers courses in Piano, Voice, Organ, Orchestration, Violin, Mandolin, Harp, Guitar, the Theory and History of Music.
- V.—The School of Business. Courses are offered in Typewriting, Stenography, Bookkeeping, Commercial Arithmetic, Accounting, Correspondence, Spelling, Penmanship, Office Practice, Commercial Law, Commercial Geography, Rapid Calculation.
- VI.—The School of Oratory and Physical Culture with courses in Elocution, Voice Building, Oratory and Physical Training.
- VII.—Domestic Science. Courses in Sewing, Cooking, Domestic Art, etc.
- VIII.—Religious Education. Courses in Bible History and Literature, Sunday School Theory and Methods, and Religious Training courses for Association Workers, Pastors' Assistants, Sunday School Superintendents and Teachers. Certificates are awarded.
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Jamestown is noted as a city of culture, with beautiful buildings and homes, clean morally, with a citizenship proud of esthetic and physical beauty, as evidenced by its numerous parks and drives. It is more than one hundred miles from the nearest saloon. Constitutional prohibition obtains in the state. The city has a population of about 7,000 people. Its altitude is 1,400 feet, and for healthfulness it is unsurpassed. It has the finest railway station in the state, complete sewer system, free mail delivery, is brilliant with electric lights, and has an abundant supply of excellent water derived from wells. There are thirteen churches—Baptist, Presbyterian, Catholic, Congregational, Episcopal, Methodist Episcopal, Free Methodist, German Evangelical, German Lutheran, Scandinavian Lutheran; a daily and three weekly newspapers, and a fine public library, which is open to the students and allows them special privileges. The late Mr. Dickey, of Wells & Dickey Company, Minneapolis, bequeathed \$35,000 to the city for the public library. A city Y. M. C. A. exists and is of great benefit to students. Jamestown is thus an ideal place



A GROUP OF FOUR OF THE SEVEN BUILDINGS

for an educational institution, and offers the advantages of city life with delightful home influences and culture.

THE COLLEGE SEAT

Jamestown is situated in the James River Valley, one hundred miles toward the interior of the State, on the main line of the Northern Pacific Railway. It is the division point on the main line of the Northern Pacific, and the terminus of the Leeds-Jamestown and the Oakes-Jamestown branches, reaching from the northern to the southern portions of the State. The Pingree-Wilton line is also operated from Jamestown. The Midland Continental Railway has Jamestown as a division point, and furnishes excellent connections both north and south. The Soo and Great Northern connect with the main line and the Leeds branch. The College is thus of easy access from all parts of the State.

THE COLLEGE SITE

The College campus is within the city limits, slightly elevated, overlooking the city proper, and affords a most beautiful, inspiring city and landscape scene. It is a delightful and sunny spot with perfect drainage. The campus consists of 107 acres, artistically laid out in drives and lanes and parking, athletic field, tennis grounds, and unsurpassed building sites. It is intended to make the campus the peer of any in the land, and it can never be surpassed by any in the State. It is an ideal place for culture and study.

Taber Hall. This is designed as the main building for scholastic uses. It was dedicated January 6th, 1914. It is conveniently arranged for administrative purposes, recitation rooms, laboratories, and departmental work. One whole floor is fitted out as a Science Hall with modern equipment, and the best of laboratory facilities. It is of beautiful Tudor, or Early English design, 120 feet long and 63 feet wide, and three stories high. The building is the gift of a devoted friend to the cause of modern Christian education.

The Library Hall. This beautiful building is one of the finest College Libraries in the Northwest, thoroughly equipped with library facilities. The books are mostly new and up-to-date.

Men's Dormitory, popularly known as Men's Hall, is a three-story structure. It has been repaired and equipped as a men's dormitory. It is one hundred feet long and forty-two feet wide. The rooms are all furnished with electric light and steam heat, and bath and toilet rooms are provided on each floor. The removal of the

Chapel makes this building an exclusive men's dormitory, a delightful home under a superintendent.

Sanford Dormitory is a new, modern structure for girls. It commands a rare view, inspiring the studious habit. It will accommodate eighty girls. The rooms are all large and commodious, arranged according to the best modern sanitary plans. It is heated with steam from a central plant, is lighted by electricity, and each girl is accommodated with her own wardrobe. Each floor is provided with excellent bathing facilities. Each girl is provided with a single bed, and the rooms are furnished with tables, chairs, dressing cases, etc., to make them beautiful and comfortable. The building is of the classical style of architecture, known as the Jacobin, three stories, with a spacious gymnasium for girls on the fourth floor. The first floor has a reception room, waiting room and matron's office. A laundry is provided, and every modern convenience. The best architectural features are in evidence. The home life of the student is always a matter of prime importance. The ethical and social aspects of school life are marked features of this College, and to these vital considerations this building and its surroundings render invaluable aid.

Central Heating Plant. This is a large structure with ample room for the heating of the entire College group as designed in the official plan of the campus plant. The rolling character of the south portion of the campus makes it ideal for excellent heating. The capacity was doubled last year to accommodate the increase in the college plant. It includes apartments for the engineer.

The Voorhees Chapel and Commons. This is the latest addition to the campus group. It is of English Gothic style of architecture and will seat 750 students and accommodate about 400 in its commons and cafeteria. A Music Hall annex is a wing so that the building is in the form of an "L," making the studios of easy access to the Recital Hall. It is the only structure of its kind in the State. A three manual pipe organ is installed for use by the Conservatory of Music.

The President's House is also located on the campus. It is of English cottage design with the second story of cement. It is a spacious structure, commanding, like all the buildings, a superb view of the wooded groves and river of the city.

Faculty House. This is a new brick and cement building located south of the President's home.

Gymnasium. The girls' gymnasium is located in Sanford Dormitory, and the general gymnasium is temporarily housed in the base-

ment of the Library Hall. This gymnasium is equipped with showers, apparatus, floor courts, etc.

Allen Athletic Field. This field has been improved at considerable cost, to give an athletic field for all out of door athletic purposes. The field is the gift of Mr. H. B. Allen of Jamestown.

The Library. The Library is located in the new Library Hall. Rev. J. L. Danner, D. D., of New York City, contributed the major portion of his valuable library, known as the J. L. Danner Library. Dr. and Mrs. Dwight S. Moore also made a substantial gift of books. All books and other material are filed and indexed on the decimal system. There have been also gifts by Rev. J. P. Schell, Mrs. Roderick Rose, Mrs. S. L. Glaspell, Geo. F. Falconer, Judge J. U. Hemmi, the late William Moore, Superintendent of Schools, Bismarck; H. M. Taber, Ben Orlady, Mrs. J. M. Rowe, Dr. A. G. Mendenhall, Hon. Lewis F. Crawford and others. The library is now an excellent, up-to-date working college library.

LABORATORIES

All the laboratories are fitted with gas, electricity and water. The biological laboratories are equipped with tables and compound microscopes for the use of individual students. An abundance of staining material and apparatus for sectioning and mounting in histological courses is furnished, and the main biological laboratory by its location with a south and east exposure, is exceptionally well lighted throughout the day.

For work in physics a large general laboratory, comprising practically one-fourth of one floor of Taber Hall, is equipped with new apparatus. The apparatus has been purchased with a view of enabling the student to do advanced work in the subject, most of which is quantitative in nature. The tables and wall cases are commodious and neat. The room is equipped for work in light with dark shades on all the windows, and a dark room enclosed from the rest of the laboratory. The current, furnished by the city electric circuit, is transformed to a voltage suitable for experimental work, by a special transformer, and a Nodon valve is used for changing the alternating current to direct. This laboratory, as well as the biological, is fitted with an electric switch, for attachment of a Bausch-Lomb Balopticon. A stone table makes delicate manipulations possible in experiments calling for this, and a large balance-room apart from the general laboratory is similarly fitted with a stone bench in a well lighted part of the room.

The chemical laboratory contains tables of the stone trough and

sink type, at which students are assigned lockers for their work. A hood of the most approved model is built along one end of the room, and a store and dispensing room is furnished with chemicals required for advanced work. The balance-room adjacent gives opportunity for quantitative chemistry.

A laboratory and class room for courses in domestic science is equipped with all the furnishings and apparatus necessary for courses in this department. Cooking is done with city gas.

The Moral and Religious Tone. In Jamestown College the emphasis is placed on the development of the character. This is the essential feature in Christian education, and is a material aid to the best scholarship. Culture and high ethical ideas are compatible with the scientific learning of the day. No denominational doctrine is taught nor required, but the religious life is guarded as life's highest aim. An untutored mind is better than a twisted character. The beauty and nobility of life is accentuated by moral environment within classic halls.

A chapel service is conducted each day and attendance thereon is required.

All students upon enrollment are required to specify their church connection or choice, and attendance once each Sunday is required. Exemption from this rule is only given upon the special request of a parent or pastor, for some denominational reason.

The Day of Prayer for Colleges is regularly observed with appropriate exercises, and is designed to be of help to the student body. In February special evangelistic meetings were held in co-operation with the Presbyterian Board of Education, with excellent results. The plan is to be continued.

The students have two Christian organizations, the Y. M. C. A. and the Y. W. C. A. Membership in these is voluntary. They are of incalculable value in the religious and social life of the College, and by nature of their organization are eminently suited to bring all students together for mutual, social and ethical advantage. Regular meetings are held, conducted by the students themselves, and interest is stimulated in Bible and mission study. Addresses on Life Work are delivered by business and professional men during the year. The Associations have beautiful separate rooms in Taber Hall, and are probably the finest College Association quarters in the State.

College Paper. The students publish a four-page weekly College paper, The Jamestown Collegian. It is the exponent of student life and thought and greatly stimulates literary effort.

Churches. The thirteen different churches in the city co-operate with the Christian organizations to help the students in their social and religious problems, and the pastors are ever ready to render service. Students select their own church for worship.

Organizations. In addition to the Christian organizations the students have two Literary Societies: the Alpha Zeta and the Aletheorian. These are designed to develop efficiency in expression, oratory, and forensic discussion. There is a general association called the Student Association, which is made up of the entire student body and has charge of the oratorical contests and debates and other student affairs. It elects certain officers and members of the Athletic Council, which manages athletics. The College is affiliated with the other colleges and the State University in the State Oratorical Association and Inter-State Oratorical Association.

The greatest degree of autonomy consistent with the necessary harmonizing of all interests is allowed the student body in the management of student affairs, and special direction by the Faculty is seldom necessary; but all organizations are responsible to the Faculty, and the President of the College, or the Dean in his absence, is ex-officio member of all organizations and committees connected with the institution. No new organization may be created without specific permission of the Faculty, and all constitutions must be submitted for approval.

Regulations. If required, students must submit credentials of good moral character at the time of entrance, and their continuance depends upon good conduct and compliance with all the rules and regulations in force. Culture and refinement are the properties of the campus, and "to do right" the supreme principle of conduct. The College reserves the right to change rules and conditions without notice.

Study hours are reserved each evening, except Saturday, evening, which is the social evening, from 7.30 to 10.30. Students are free from College duties Sunday afternoon and evening. Friday evening is designed for meeting of Literary Societies.

All non-resident students are required to room and board in the Dormitories, unless specifically excused because of self-help. Each case is decided upon its merits by the College authorities.

A spacious laundry is provided for the girls in Sanford Dormitory, where pressing of dresses and other wearing apparel can be done.

For washing clothes and pressing, a nominal charge is made to cover the use of gas and electricity. Stationary tubs and gas heater are provided. This convenience enables students to reduce their expense to a minimum for laundry.

Rooms. The beautiful new Sanford Dormitory accommodates eighty girl students. It is a Ladies' Hall, and the rooms are large, well lighted, all outside rooms, furnished with every modern convenience. It is one of the finest Dormitories in the State, and a delightful home for the girls.

Since the rooms are limited, applications for reservations must be accompanied with a fee of \$7 which will apply on the rent. Failure to take the room means forfeiture of the fee. The rooms rent for \$7 a month for each student. This charge includes heat and electric light. A double room can only be had by one person when the capacity of the hall is not exhausted. In such a case an additional fee of \$4 a month is charged. The student should provide herself with linen, pillow and pillow cases, bedding, laundry bag and toilet articles. The beds are single, and make up in the day time as lounges or couches, giving the room the appearance of a cozy sitting room.

A laundress is employed at the Dormitory, who will do work for the young ladies at a reasonable rate, or they have the privilege of using the abundant facilities for doing their own washing as far as they desire.

The Young Men's Dormitory has the same modern conveniences as Sanford Dormitory. The charge for each student is the same, \$7 per month, including steam heat and electric light. A student wishing a double room alone without room-mate must pay \$4 additional per month. A room-mate must be taken whenever conditions demand it. Reservations can be had by remitting the fee of \$7, which will apply on rent. Failure to take the room means the forfeiture of the reservation fee. Rooms in both halls are completely furnished with beds, study tables, dressing cases, chairs and window shades.

The rooms must not be marred beyond ordinary wear by careful use. A deposit is made at the time of registration, to cover breakage, which is refunded at the close of the year after the room has been inspected and found in good condition.

Board. The dining hall is located on the first floor of Voorhees Chapel and Commons, and is beautifully and artistically arranged. Table board is as low as consistent with wholesome and healthful living. The board is on the co-operative plan; no profit is made,

and only the cost is charged the student. The rate has been \$4 per week. We hope to retain that price if cost of materials will allow. The policy has been to give thorough satisfaction and guard good health.

Rules Governing Payment. No deduction is made from any bills of the semester of eighteen weeks on account of suspension or dismissal. Board bills are due four weeks in advance.

In case of protracted absence on account of illness, deduction of one-half of the unexpired four weeks will be made, if this amounts to one week, and applied as a credit on board. In all boarding accounts, fractions of weeks will count as wholes.

Room rent for the entire semester must be paid at the beginning of the semester. Absence within a semester will not entitle a student to reduction from a semester payment for rent.

Tuition is due for a semester in advance.

Where a student is obliged to withdraw from school before the end of a semester, the amount of unused tuition, rent and board to which he is entitled will be covered by a certificate enabling him to use the amount upon return, except in the case of suspension or expulsion.

When a student enters after the beginning of a semester or for less than a semester, the charge for tuition will be pro rata for the time agreed upon, at the rate of \$27 per semester.

Expenses. Tuition in all departments, room rent, and fees are for the semester of eighteen weeks, and must be paid strictly in advance. Class registration is not permitted without the possession of the Treasurer's receipt or a special grant from the Registrar.

Tuition for the College or Academy, each semester.....	\$25.00
*Enrollment fee	1.00
**Student Association fee, each semester.....	1.50
Library fee, each semester.....	1.00
Chemistry fee, each semester.....	4.00
Physics fee, each semester.....	2.00
Biological Science, each semester.....	3.00

*Remitted if enrollment is made on or before Registration Day.

**This fee has been asked for by a vote of the Student Association. It takes the place of the athletic fee, and admits to all games—a considerable saving to students. The Association also collects a fee of 50 cents per semester to defray its expenses.

A small indemnity fee is charged for breakage in the laboratory, Tuition in School of Music is found under description of that department.

Tuition in the School of Business is found under description of that department.

Diplomas. The fees for diplomas are as follows:

College or Music degree.....	\$5.00
Commercial Department, and others.....	2.50

Information Bureau. This bureau is designed to be of help to worthy young men and women who must obtain an education entirely or in part through self-help. It aims to bring the employer and employee together. The opportunities for earning support are many. The method is honorable and highly to be commended to young people of limited means but with a strong thirst for learning. No young man or woman needs to live in this day of educational opportunities without a college education. For particulars, write to the Information Bureau, Jamestown College, Jamestown, N. D.

Athletics. The College stands for the extensive rather than the intensive principle in athletics, the object being to distribute the benefits of both athletic exercise and athletic spirit as widely as possible. Interscholastic games are limited by the Faculty to a reasonable number and interclass and department games encouraged. A member of the Faculty accompanies the teams on their trips.

In the management of athletics there are these elements: The Faculty and the Student Association elect an Athletic Board, composed of student, alumni and faculty members. The Faculty appoints from its number an Athletic Director, who is also a member of the Athletic Board. The Board has general control of athletics, and the Director specific management of the details of athletic affairs.

Athletic letters are awarded on the recommendation of the Athletic Board as to games played, and of the Faculty as to scholarship and conduct.

Book Store. For the convenience of the students a book and supply store is conducted in Taber Hall, where books and all kinds of school supplies can be purchased.



VOORHEES CHAPEL AND MUSIC HALL



MEN'S DORMITORY

THE COLLEGE

Admission. The applicant wishing to enroll in the College must give definite information as to age, school last attended, and degree of work done. The applicant must give evidence of good character and honorable dismissal from the school last attended, and sign an entrance pledge, agreeing to comply with both letter and spirit of all requirements. Blank entrance forms may be secured upon request. A student may enter by diploma from any accredited high school, or by examination. Trial without examination is permitted.

Fifteen Units of acceptable work are required to enter the freshman class of the College. A unit represents a course taken five hours a week for one year, the year consisting of 36 weeks, and the hour being 40 minutes or over. Two laboratory periods of 40 minutes each are accepted as equivalent to one recitation period. Three of the units offered must be in English, 2 in Foreign Languages, $1\frac{1}{2}$ in Algebra, 1 in Plane Geometry, and 1 in Laboratory Science. Candidates for the degree of Bachelor of Science must offer, in addition to the above, 1 unit in a Laboratory Science.

Required preparatory work, or that which is prerequisite to required or elected College work, may be taken in the Academy classes. Such work, if not counted as a part of the fifteen units required for admission, will receive College credit at a rate depending upon the department and the character of the work offered for admission. The close connection of College and Academy affords excellent facilities for adjusting all irregularities in the student's preparation without loss of time. All entrance classification is subject to change after six weeks' trial, where the student's preparation for the work proves insufficient.

Admission to Advance Standing. Students from other colleges, with certificates of honorable dismissal, applying for classification higher than the freshman class, must submit a detailed statement of the work for which credit is desired.

Protracted Absence. A person allowed to enter late or to be absent for unavoidable reasons and expecting credit on all the semester's work, will be required to make up the work missed as rapidly as practicable under the guidance of the teacher and to take examination on it. A special examination given for the purpose of supplying a grade for a portion of a semester's work missed shall not be regarded as excusing a student from examination on the complete work of the semester. The examination shall take place within six weeks, unless the absence occurs during the last month of

the college year. In that case it may be held during the first month of the succeeding year.

Removal of Conditions. Conditions must be made up, in the way specified by the department concerned, within the succeeding semester. Permission to finish incomplete work may be given by a Professor for sufficient reason, but the work must be done during the succeeding six weeks of the student's attendance.

A student may not be enrolled for a new semester if he has failed in half of the work, counted in hours, in which he was regularly scheduled at the end of the preceding semester, unless permission be granted by special faculty action. When such permission is granted, the student is regarded as on probation, and may be dropped at any time by vote of the Faculty. A student who has been dropped may be reinstated at any time by vote of the Faculty, but ordinarily this will not be done until a semester has passed. Such a severance of the student's connection with this College is not regarded as a bar to his honorable dismissal to another institution. In case a student seems likely to fail in any subject at the end of the semester, a warning is to be issued, to both the student and his parents, not later than the middle of the semester. This rule applies to all departments of the institution.

Selection of Studies. Students are to select first, those requirements in which they are deficient, in order that back studies may be made up as rapidly as possible; second, those studies required for their class and major; third, sufficient electives to complete at least the minimum amount of work that each student is required to take. The schedule of recitations is adjusted to this plan, and there will be no conflicts for students who are reasonably regular in their work. All student schedules must be approved by the Dean. A subject may be withdrawn where less than five students elect it. For arrangement of courses, see "Description of Courses."

Examinations. Written review tests are given in the sixth and twelfth weeks of each semester, and written examinations at the close of the semester. Special examinations will be given when necessary on account of late entrance, sickness, or other unavoidable cause, or for the purpose of obtaining standing in subjects not regularly certified from other schools.

A fee of \$1 is charged for such examinations, and must be paid before the examination may be taken.

Honor System. In addition to the 124 credits required for graduation, 100 honor points are necessary. These are gained by high rank in regular studies and by faithfulness and efficiency in the special activities and enterprises of college life, such as Literary

Society work, participation in public programs, success in contests, and the earning of athletic letters.

Final honors are awarded to college graduates for high standard of excellence, scholastically, throughout their college course. The special mention will be attached to the diplomas in the usual form according to the degree of excellence attained, such as Cum Laude, Magna Cum Laude, etc.

Requirements for Graduation. Graduation requires the completion of 124 semester hour credits. The maximum hours a student is permitted to take each semester is 16. For studies above the maximum application must be made to the Faculty. This will only be granted where evidence is given of special proficiency. Intensive work is aimed at, rather than extensive. Class honors are based upon quality, not quantity.

Grouping of Subjects. In addition to the subjects listed below under "Degrees" the following statements are here made in order to guide the student in a wise grouping of subjects.

A student shall select a major from subjects approved by the College. He shall do this when he enrolls for the second semester of the Sophomore year. He shall at this time make out a card and deposit the same with his registration, showing the name of his major, with the approval of the professor in charge of the major work.

By a major is meant a selection of studies in a department, or combination of departments, in amount from 24 to 30 hours.

By departments are meant those lists of subjects offered under specific main headings from page 20 to page 43 of the catalog.

The College approves majors taken in the departments here specified: Biology, Chemistry, English, French, Greek, History, Latin, Mathematics, Physics, Social Sciences.

The attention of students is here called to the wisdom of so organizing their majors and elective courses as to harmonize with the plans they may form looking forward to further use of these courses, as for post graduate study, for teaching or other professional uses, or for broad culture.

Degrees. The College offers two baccalaureate degrees: Bachelor of Arts, and Bachelor of Science. In order to give a well balanced fundamental education to all graduates, the following requirements are made for degrees. The adjustment of electives furnishes abundant opportunity for specialization or for a wider culture:

English (1 and 2 required).....	6	credits
Foreign Language	12	"
History	6	"
Philosophy	3	"
Psychology	5	"
Bible Subjects	8	"
Public Speaking	2	"
Physical Culture	4	"
Social Science (Economics, Sociology, Political Science)	6	"
*Science	8	"
Electives	64	"

124

*Students offering a biological science for entrance will elect physics or chemistry; those offering physics or chemistry, a biological science.

Courses 1 and 2 in Mathematics (8 hours) are required of all candidates for the B. S. degree, and course 15, of those Freshmen who offer but one unit of algebra for admission.

Some one foreign language must be pursued equivalent to 3 hours a semester for at least three years including the work offered for admission. One major, as specified above, is required. Candidates for the B. S. Degree must major in material science. Credit will not be given for the first semester in a foreign language until a second semester has been successfully completed.

Those who desire the teacher's diploma are required to take 16 hours of educational subjects, in accordance with the State requirements. This diploma entitles the holder to a State teacher's certificate without examination. See Department of Education.

DESCRIPTION OF COURSES

Courses are arranged under the various department heads in the catalog in the order of difficulty, as far as may be, beginning with the most elementary. Departments are arranged alphabetically. Three-hour courses recite on Mondays, Wednesdays and Fridays; two-hour courses on Tuesdays and Thursdays.

Odd number courses are regularly given in the first semester, and those bearing an even number in the second semester. Both an odd and an even number means that the course continues throughout the year. The number of hours specified indicates the number of credits for a semester course.

ART EDUCATION

Courses are given under private instruction. Terms given upon application.

ASTRONOMY

1. Introductory Descriptive Astronomy. 3 hours

Howe's elements used as a text. This course may be taken by students who have had no mathematics beyond the preparatory courses, but a knowledge of trigonometry will greatly aid the student. The student will be expected to familiarize himself with the more important constellations, and with the American Ephemeris and like publications.

2. Advanced Astronomy. 3 hours

Young's General Astronomy as a text. Plane trigonometry and a good knowledge of physics are necessary. This is a more mathematical course than 1. Such a course as 1 prerequisite.

DEPARTMENT OF BIOLOGY

1. Invertebrate Zoology. 4 hours

A systematic study of animal life, from protozoa to the complete vertebrate form. Type forms are used. Open to all college students. Recitation and laboratory work respectively three and four hours.

2. Comparative Anatomy. 4 hours

A study of all chordata except mammals. The following type forms are used: Amphioxus, dogfish, perch, frog, turtle and pigeon. Dissections are made. Morphology and physiology receive particular attention. Course 1 a prerequisite.

***3. Mammalian Anatomy. 3 hours**

This work is dissection of the cat or rabbit; and microscopic sections of important organs will be studied. Courses 1 and 2 prerequisite.

4. Physiology and Histology. 5 hours

A study of structure and functions of the human body. Dissection of frog and important organs of larger animals. Prerequisite Course 1 and some knowledge of chemistry.

***6. Hygiene and Sanitation. 3 hours**

Bacteria and their relation to disease; questions of sanitation, municipal and personal; the function of flies and other insects in transmission of disease. Prerequisite Course.

*Courses 3 and 6 are only given at the option of the instructor.

7. Botany. 4 hours

Plant morphology and physiology. A study of types of algae, fungi and bryophytes. Designed to aid students in correct habits of observation, so as to enable them to comprehend the close relation of one form of plant life to another. Recitation and laboratory work, respectively three and four hours. Open to all college students.

8. Botany. 4 hours

Continuation of Course 7, studying the pteridophytes and spermatophytes.

CHEMISTRY

1. Inorganic Chemistry. 4 hours

This is an introductory course in chemistry, open to all college students. The work progresses more rapidly than is the case when taken in secondary school texts. McPherson and Henderson's Advanced Course in Inorganic Chemistry is used as a basis of the course. A laboratory manual is used as a guide in the required laboratory work of the course.

2. Advanced Inorganic Chemistry. 4 hours

This is the natural continuation of Course 1. It may also be elected by those who have had a year of secondary school chemistry. Experiments, many of which are quantitative, are worked in the laboratory, and these are supplemented with lectures and quizzes. The latter part of the course is an introduction to Qualitative Analysis. For this reason the student will make the tests and establish for himself the groups used in analysis.

3. Qualitative Analysis. 5 hours

A thorough course in inorganic chemistry is prerequisite. The work is mainly in the laboratory, but a sufficient number of laboratory periods will be given to enable the student to do the work of the laboratory in an effective manner. The first part of the work is confined to the metals, but as the student becomes prepared for this, work will be given in the acidic elements. Unknown substances will be analyzed constantly.

4. Quantitative Analysis. 5 hours

Course 3 is prerequisite. The laboratory work consists of determinations of single elements by approved methods. The lectures

will consist largely of discussions of approved methods of analysis and quizzes as to laboratory results. In addition to what has been described, problems of a practical and commercial nature will be discussed and worked in the laboratory.

5. Organic Chemistry. 3 hours

Recitations, lectures and discussions of subjects in organic chemistry. Laboratory work. A text will be followed. Inorganic chemistry is prerequisite.

6. Advanced Organic Chemistry. 3 hours

This course will be given by special arrangement. Course 5 is prerequisite. It continues the theoretical work and laboratory work of that course. It comprises also some work in organic analysis.

7. Water Analysis. 5 hours

This is a practical and theoretical course in the chemical analysis of water. This may also be co-ordinated with bacteriological analysis of water. The student who so desires may apply his knowledge of chemistry to this field of commercial application of chemistry. The hours of credit noted above may be adjusted to the needs of the student. Thus credit may be reduced.

8. Applied Chemistry. 3 hours

This course is based on a text and will examine the applications which may be made of chemistry in daily life and in commercial life. Introductory chemistry is prerequisite, but the course may be elected by those who have not had chemistry beyond the general courses.

9. Chemical Calculations. 2 hours

A course is offered in the computations and calculations of chemistry. It is in part a review of some of the laws of the science. It aims to acquaint the student with the use of the slide-rule and with logarithms for chemical purposes.

10. History of Chemistry. 2 hours

A course offered to those who have had sufficient preparation, for the purpose of co-ordinating their previous study of chemical principles and discoveries. Not given every year.

The attention of the student is called to the pre-medical nature of several of the courses above. Those interested in pre-medical work should advise freely with the Department of Chemistry relative to the order of the courses.

EDUCATION

See Department of Education where courses in Education and Teaching are listed and described.

ENGLISH LANGUAGE AND LITERATURE

1-2. Composition. 3 hours

First Semester: Letter Writing and Exposition. Considerable emphasis is placed on the study of paragraphs, sentences and words.

Second Semester: Description and Narration. One novel and a volume of short stories are read for illustrative purposes. Frequent short themes and one long theme in each semester.

Required of all Freshmen.

3-4. Outline of English Literature. 3 hours

First Semester: Beginning of English Literature to the 18th Century.

Second Semester: English Literature from the 18th Century to the present. Lectures, collateral reading, discussion.

Elective for Sophomores, Juniors and Seniors. Alternates with Course 13-14. Not offered in 1919-1920.

5-6. Shakespeare. 3 hours

A study in chronological order of all of Shakespeare's plays.

First Semester: A study of the formative and comic periods of his career ending about 1601.

Second Semester: Tragedy and romance. Text-book, lectures, discussions.

Elective for Juniors and Seniors. Alternates with Course 7-8.

7-8. Nineteenth Century Poetry. 3 hours

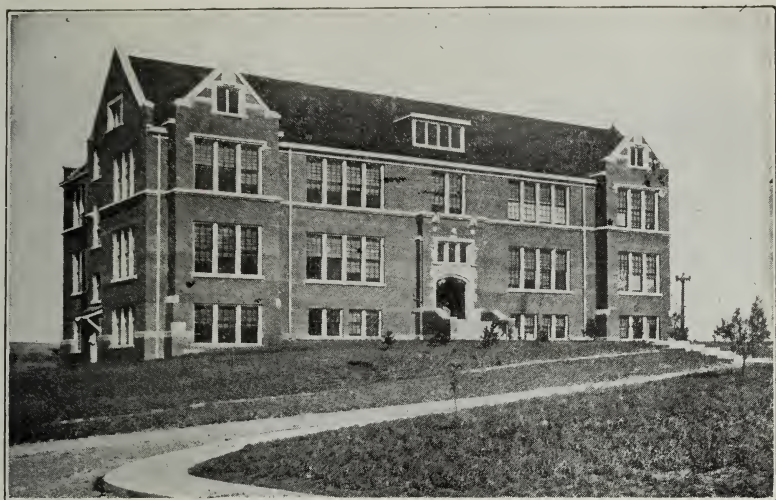
First Semester: A study of the representative works of Wordsworth, Scott, Coleridge, Byron, Shelly, Keats.

Second Semester: A detailed study of the poems of Tennyson and Browning. Lectures, collateral reading, discussions.

Elective for Juniors and Seniors. Alternates with Course 5-6. Not offered in 1919-1920.

9-10. Development of the English Novel. 3 hours

First Semester: A study of the English Novel from the Elizabethan beginnings to and including Dickens, Thackeray, George Elliot.



TABER SCIENCE HALL



SANFORD DORMITORY

Second Semester: Development of the Modern Novel. England, France, Russia, Scandinavia, Germany, Italy and Spain. Lectures, assigned readings, reports and discussions.

Elective for Juniors and Seniors. Alternates with Course 11-12. Not offered in 1919-1920.

11-12. Development of the English Drama. 3 hours

First Semester: A study of the development of the English Drama from the crude beginnings in the miracle and morality plays through the Elizabethan Age.

Second Semester: A study of Modern Drama. Goldsmith, Sheridan, Tennyson, Browning, Shaw, Ibsen, Hauptmann, Sudermann, Maeterlinck. Lectures, assigned readings, reports, and discussions.

Elective for Juniors and Seniors. Alternates with Course 9-10.

13-14. American Literature. 3 hours

A detailed study of prose and poetry of America from the beginning to the present. During the course special emphasis will be placed on the American Short Story. Text book, lectures, assigned readings, discussions.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 3-4.

15. Argumentation. 2 hours

Primarily a thought course. A detailed study of the theory and practice of Argumentation applied to topics of interest and importance. A semester forensic is required. Text-book discussions, reports.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 17. Not offered in 1919-1920.

16. Teachers' English. 2 hours

A course for those who expect to teach English. The high school course in English is reviewed. Practice teaching, lectures, discussions.

Elective for Juniors and Seniors. Alternates with Course 18. Not offered in 1919-1920.

17-18. The Essay. 2 hours

First Semester: A study of the development and types of the English Essay from both the literary and rhetorical points of view.

Second Semester: A study of the modern American Essay as illustrated in the various better magazines and publications. Lectures, collateral reading, reports and discussions.

Elective for Juniors and Seniors. Alternates with Course 15-16.

EXPRESSION

See Department of Oratory and Dramatic Art.

FRENCH

All courses are conducted chiefly in French.

Attention is called to the fact that credit is only given for the completion of both Courses 1 and 2. No credit is given for Course 1 alone.

1. Beginners' Course. 4 hours

Fraser and Squair's French Grammar, Part 1, will be completed. Talbot "Le Francais et sa Patrie" will be read in class.

2. Continuation of Course 1. 4 hours

Composition work from the grammar once per week. Reading, translation and conversation. Text book: "French Short Stories," Buffum; "Le Voyage de Monsieur Perrichon," Labiche et Martin.

3. French Literature. 3 hours

Readings of the following texts or their equivalents with written summaries, translation and conversation based on them:

"Barbier de Seville," Beaumarchais; "Les Trois Mousquetaires," Dumas; "Le Cure de Tours," Balzac; "Colomba," Merimee; "Les Miserables," Hugo. Composition once a week—Koren, "French Composition."

4. Composition and Literature. 3 hours

Reading and discussion of the following texts: "Le Juif Polonais," Erckmann-Chatrian; "Le Malade Imaginaire," Moliere; "Picciola," Saintine.

5. 17th Century Dramatics. 3 hours

Representative works of the following authors will be read and discussed:

Moliere, Corneille, Racine. Recitation in French once per week from: Fortier, "La Litterature Francaise."

6. Continuation of Course 5. 3 hours

Nineteenth century literature. Representative novels will be studied. Recitation in French from: Fortier, "La Litterature Francaise." Weekly composition based on: "Le Soldat Americain en France," Coleman.

***7. Course for Teachers. 2 hours**

(Minimum prerequisite Courses 1, 2, 3, and 4.)

Composition on assigned themes with systematic review of the grammar. Study of the phonetic method in teaching French pronunciation. Study of the methods of French teaching. Rapid reading of French masterpieces in prose and poetry.

***8. Course for Teachers. 2 hours**

Continuation of Course 7. Members of this class are called upon to conduct recitations.

Military French.

A course in Military French is given as the demand requires.

*Courses 7 and 8 will only be given on demand. Students desiring these courses should see the head of the department.

GEOLOGY

1. Dynamic and Structural Geology 3 hours

Chamberlain and Salisbury used as text. Special readings and reports from the publications of the United States Geological Survey, and from other publications of similar character. The course will be carried into historical geology by means of lectures with the lantern. As much field work as feasible will be done. It is the aim of the course to cover the subject in a manner to give it value as an introduction to further work and as a study for general culture and information.

2. Historical Geology. 3 hours

A more intensive study of some of the topics introduced in Course 1. Folios of the United States Geological Survey used largely for reference. The course may be elected to follow Course 1 immediately or at a somewhat later date.

3. Economic Geology. 3 hours

A course which presents geological facts as they influence com-

mercial and economic conditions. Given by arrangement, on application.

4. Meteorology. 3 hours

A course in meteorology and the phenomena of climate. Given by special arrangement with the instructor.

GERMAN

1. Drill Course. 3 hours

Rapid reading of modern texts with oral and written reproduction. Moser, *Der Bibliothekar*; Meyer, "Der Schuss von der Kanzel"; Lessing, "Minna von Barnhelm." Composition once a week on Paul Bacon's "German Composition."

2. Classic Period. 3 hours

Goethe and Schiller, "Jungfrau von Orleans"; Goethe, "Hermann und Dorothea." Continuation of weekly composition.

3. Modern Literature. 3 hours

Suderman, "Frau Sorge"; Hauptman, "Die Versaunkene Glocke"; Fulda, "Der Talisman." Composition based on Pope's "German Composition."

4. Lessing. Continuation of Composition. 3 hours

"Nathan der Wiese," "Emilia Golotti," Lessing's Dramatic Theory.

5. Introduction to German Literature. 3 hours

Main movements and products of the national literature. Assigned readings and informal lectures.

6. Schiller. 3 hours

"Wallenstein." Discussions of the causes of the Thirty Years' War and its effects upon Europe. Comparison of the real Wallenstein with Schiller's idealized hero.

GREEK

1-2. Elementary Greek. 5 hours

In the grammar, stress is placed upon the mastery of inflections, sentence structure and idiomatic usages. Constant drill in oral and written exercises. Xenophon's "Anabasis," first book, with careful drill in construction, accompanied by prose based on text.

- 3. Xenophon.** **5 hours**
- "Anabasis," books 2, 3 and 4. Syntax and composition, the same as Course 2. Prerequisite—Courses 1 and 2.
- 4. Homer.** **3 hours**
- "Iliad." Three to six books, or selections equivalent. Study of the life of the Homeric Age, constant practice in the reading of the verse. Particular attention paid to Homeric forms. Prerequisite—Course 3.
- 5. Greek Philosophy.** **3 hours**
- Plato's "Apology" and "Crito," with selected passages from Xenophon's "Memorabilia." History of Greek Philosophy. Prerequisite—Courses 1, 2, 3 and 4.
- 6. Homer's "Odyssey."** **3 hours**
- Six to nine books. Rapid reading of verse. Style. Homeric forms and metrical peculiarities carefully studied. Prerequisite—Courses 1, 2, 3 and 4.
- 7. Introduction to Greek Tragedy.** **3 hours**
- One play each selected from Sophocles and Euripides studied critically. Origin and history of the Attic Drama. Prerequisite—Courses 4 and 5.
- 8. Oratory.** **3 hours**
- Demosthenes' "Corona" and selections from Lysias. Study of style, method and matter of the orations. Informal treatment of the political career of Demosthenes. Prerequisite—Courses 1 and 2.
- 9. History of Greek Literature.** **3 hours**
- Informal lectures. (May be taken by students who do not read Greek.) Elective.
- 10. Greek Comedy.** **3 hours**
- Intensive study of the "Clouds" of Aristophanes. Study of development of old and new comedy. Elective. Prerequisite—Course 4.
- 11. New Testament Greek.** **3 hours**

HISTORY

- 1. General History. The Ancient Period.** **3 hours**

The design of this general course is to give a working knowledge

of the outlines of history and to lay a solid foundation for later specialization. Lectures, readings, discussions, etc., with especial emphasis on thorough class-room work.

2. General History. The Mediaeval and Early Modern

Periods.

3 hours

Continuation of Course 1.

3-4. General History. The Modern Period,

3 hours

Following Courses 1 and 2. A careful study of the modern period, from the age of Louis XIV until the present time. Special stress laid upon the great national movements of the nineteenth century, with discussion of modern European politics. Methods as above.

5-6. English History.

3 hours

This course traces the period of the origin and growth of English nationality. The work requires investigation of secondary and original sources, and the preparation of papers.

7-8. American History.

3 hours

Constitutional development is especially emphasized, with attention to current events and historical methods. This course alternates with that in English history.

9-10. Ancient History.

2 hours

This course plans a detached study of Greek and Roman history, from the earliest times to the fall of the Western Empire. All phases of the ancient civilization are carefully noted. Individual research, papers, etc., required.

LATIN

1. Cicero and Terence.

3 hours

Cicero, "De Senectute" or "De Amicitia" or both. Latin composition at sight and hearing. Terence, "Phormio." Introduction to Latin comedy.

2. Livy.

3 hours

Selections from books 1, 2, 21 and 22. Study of the Roman monarchy, the rise and growth of Roman institutions and the period of the Punic wars. Prose at sight and hearing. Prerequisite—Course 1.

3. Horace. 3 hours

Odes and Satires. The characteristic of the Ode and Satire, the different meters, with practice in the reading of verse and Horace's philosophy of life will be studied with care.

4. Horace. 3 hours

"Ars Poetica." Tacitus. "Agricola" and "Germania." Content and style studied. Rapid reading of Latin aloud. Prerequisite—Course 3.

5. Latin Comedy. 3 hours

The plays of Plautus and Terence. Detail study of one or two plays of each. Early Latin forms, syntax, versification and relation of the plays to Greek originals. Prerequisite—Course 4.

6. Teachers' Course. 3 hours

Pronunciation and reading of prose and verse, with rapid study of syntax and principles of Latin order. Selections read from academy and high school texts. Prerequisite—Courses 1, 2, 3 and 4.

7-8. Roman Private Life. 2 hours

A study of the daily life, customs, art, and architecture of the Roman people. Illustrated where possible. May be taken as a literary or history course by those having had little or no work in Latin. Text suggested, "Johnson's Roman Private Life."

9-10. Myth Course. 2 hours

A study of Latin, Greek, Egyptian, Scandinavian, German and other myths. No Latin required. Essentially a literary course. Illustrated where possible. Text, "Bullfinch's Age of Fable." All students are advised to elect this work at some time in their course.

11. Cicero's Letters. 2 hours

Political character and history of the times, with Cicero's own political principles, philosophy and conduct. Also selections from letters of Pliny, with study of early empire. Comparison of the closing years of the Republic and the early empire. Prerequisite—Courses 1 and 2.

12. Roman Oratory. 2 hours

Cicero. "De Oratore" and selections from other works on oratory studied. Prerequisite—Courses 1 and 2.

- 13. Lucretius.** **2 hours**
 "De Rerum Natura." Literary study and rapid reading of verse. Prerequisite—Course 4.
- 14. Roman Philosophy.** **2 hours**
 Cicero. "Tuscalanae Disputationes." Prerequisite—Course 7.
- 15. History of Roman Literature.** **2 hours**
 General survey through informal papers and topical reports. Prerequisite—Courses 1 to 4.
- 16. Latin Elegiac Poetry.** **2 hours**
 Selections from Catullus and others.
- 17. Roman Satire.** **3 hours**
 Selections from Horace and Juvenal's Literary Art, and portrayal of Roman society of the period.
- 18. Livy Prose.** **2 hours**
 Based on Book XXI, with selections from other books. Prerequisite—Course 1.

MATHEMATICS

Students expecting to take a course in engineering should take Courses 1, 2, 3, 4, 8, 9, 11, and 12.

Students intending to teach Mathematics in High School should elect at least 15 hours from the following courses: 1, 2, 3, 8, 10, 11, and 13.

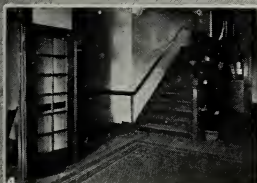
Students studying Mathematics for its cultural and educational value, will do well to take Courses 1 or 15, 2, 3, and 11.

- 1. College Algebra.** **5 hours**

This embraces the subjects of permutations and combinations, theory of equations, partial fractions and logarithms. The course presupposes one and one-half years of Algebra.

- 15. Advanced Algebra.** **5 hours**

A thorough review of Advanced Elementary Algebra, with advanced topics of college grade. Intended for Freshmen who offer but one year of Elementary Algebra. This course may not be counted toward a Major. It is required of those Freshmen who offer but one unit of Algebra for admission.



SANFORD DORMITORY VIEWS

- 1 The Building. 2 Reception Room. 3 Dining Hall. 4 Stair Case.
5 Open Parlor. 6 Laundry. 7 Girl's Single Room. 8 The Entrance.
9 Girls' Double Room. 10 Studio. 11 The Office of Preceptress

- 2. Plane Trigonometry.** **3 hours**
- Development of the general formula of trigonometry; the theory and use of logarithms. Solution of the right and oblique triangles and problems of practical application.
- 3. Analytic Geometry.** **3 hours**
- Systems of co-ordinates, curves and their equations, standard equations and general properties of the conic sections. Prerequisite—Mathematics 2.
- 4. Solid Analytic Geometry.** **3 hours**
- Co-ordinates in space, straight lines and planes, special surfaces and tangents. Prerequisite—Mathematics 3.
- 6. Spherical Trigonometry.** **2 hours**
- Geometrical principles, solution of right and oblique spherical triangles with problems of practical application. Prerequisite—Mathematics 2.
- 8. Mechanical Drawing.** **2 hours**
- Instruction in the use of instruments. Geometrical problems, orthographic projective and development of surfaces.
- 9. Surveying.** **3 hours**
- A theoretical and practical course in land surveying, topographical surveying, leveling, calculation of areas and computation of earth-work. Prerequisite—Mathematics 1 and 2. Given odd-numbered years, alternating with Course 10.
- 10. Elementary Mechanics.** **3 hours**
- This course treats of the action and effect of forces on matter and the laws governing the movements and equilibrium of bodies. Open to those who offer Physics for entrance. Given even-numbered years, alternating with Course 9.
- 11. Differential Calculus.** **3 hours**
- Rules and formulae of differentiation, expansion of functions, indeterminate forms and applications. Prerequisites, Mathematics 3 and 4.
- 12. Integral Calculus.** **3 hours**
- Principles of integration and their application to curves, areas, volumes, etc. Prerequisite Mathematics 11.

13. History and Teaching of Mathematics. 2 hours

A brief study of the History of Mathematics and discussion of the object and method of teaching Mathematics in the High School. Given odd-numbered years.

14. Solid Geometry. 2 hours

A brief course for those who do not offer Solid Geometry as an entrance requirement. Required of those majoring in Mathematics. Given in even-numbered years.

MUSIC

The following College credits are given for work in the Musical department: Harmony I, 2; Harmony II, 2; Harmony III, 2; Theory IV, 2; Ear Training, 1; Sight Singing, 1; History of Fine Arts, 2.

For courses, see Department of Music.

A maximum of eight College credits for the Practical Music may be given to students in music who have taken at least four years. Special Faculty action is necessary for work done prior to 1916-1917.

Glee Clubs and other musical organizations are maintained in the College. Jamestown is one of the principal stations on the transcontinental route for entertainment companies, and therefore furnishes the highest grade of talent in its public entertainments. The musical element in College life is decidedly strong.

PHILOSOPHY

The courses in the Department of Philosophy are open to students after they have completed their freshman year. A text is generally used, but frequent lectures are given. It is designed to not only give the development of philosophic thought, but also to cultivate the ability of independent thinking and philosophizing.

1. Psychology (beginners' course). 3 hours

Structure and biological function of the nervous system studied, and the laws of mental growth and action considered. This implies the study as a natural science. Some knowledge of Biology presupposed.

2. Psychology (advanced course). 3 hours

Study of the origin and evolution of behavior. This course will begin with the consideration of the theories of the origin and evolu-

tion of species, and will lead up to an introspective study of human behavior. Prerequisite, equivalent of Course I.

3. Logic. 3 hours

Deductive, with a practical treatment of inductive reasoning. Practice is given in sound reasoning and argumentation.

4. Ethics. 3 hours

The careful study of the leading systems of ethics, with an endeavor to discover the true basis of obligation and the fundamental principles of moral conduct. Lectures are given and texts used.

5-6. History of Philosophy. 3 hours

History of Ancient, Mediaeval, and Modern Philosophy. A survey of Greek, Roman, patristic, and modern speculative thought. Texts and lectures. Critical readings from Plato's Republic; Aristotle's Metaphysics; Descartes' Meditations; Locke's Essays on the Human Understanding; Berkeley's Principles of Human Knowledge; Hume's Treatise on Human Nature; and Kant's Critique of Pure Reason.

8. Movement of Thought in the 19th Century. 2 hours

Special course. Course 5 is prerequisite. The leading speculative theories of the past century are critically analyzed. Philosophical investigation and philosophizing are cultivated.

PHYSICS

1. Introductory Physics. 4 hours

It is not possible for all students to have pursued introductory courses in Physics. Introductory courses more advanced in scope than secondary physics are here given. It is expected that students who desire an acquaintance with the subject equivalent to what has been known for years as "College Physics" will continue in some of the later courses.

Mechanics and Sound. Lectures, demonstrations, and note-book work. Mathematical preparation should include all of secondary school algebra and plane geometry.

2. Introductory Physics (continued). 4 hours

In general, the student who begins course 1 is expected to continue through 2. The method of the course is the same as that of 1.

3. Advanced Physics. 5 hours

Mechanics, Sound, Heat, This is the first course in advanced phys-

ics. Mathematical courses, through college algebra and trigonometry and introductory physics are required. Courses 1 and 2 comprise a year of continuous work, but credit will be given for a single course.

4. Advanced Physics. 5 hours

Light, Magnetism and Electricity. Continuation of course 1. Course 1 prerequisite.

5. Special Experimental Course. 3 hours

A course designed to give the student an opportunity to work with apparatus requiring careful manipulation. Courses 1 and 2 are prerequisite.

6. Mechanics. 3 hours

A problem course for which credit will be given as a course in science. For further description, see Mechanics course under Mathematics.

PUBLIC SPEAKING

See Department of Oratory and Dramatic Art.

RELIGIOUS EDUCATION AND SUNDAY-SCHOOL METHODS

This department has made a substantial development. Always first must come Bible study. The incomparable character of the Bible and its acknowledged effect on spiritual growth render an opportunity to know it thoroughly a privilege to be sought and welcomed. The courses below recognize the value of the Bible both as history and literature, and in impressing religious truth. In them, interpretation of the Bible is from a point of view positively Christian and intelligently conservative. The same standard of scholarship is maintained here as in other departments. Thorough preparation and careful work is required. A student who has faithfully pursued these courses may feel assured of a good knowledge of the Bible. But in view of the increasing demand for trained Christian leadership in the Sunday school and in various forms of lay activity, the Department offers certain other courses, specified below, that will fit students for such service. Such courses are open to persons not regular students.

1. Problems and Discussions in the Old Testament. 2 hours

The stress will not be laid on the mere narrative, but the attempt will be made to handle the difficulties and to give a thorough knowl-

edge of Hebrew history and the development of the Kingdom of God to the establishment of the Monarchy. Lectures and discussions, with assigned readings and papers.

2. Problems and Discussions in the Old Testament **2 hours**

Continuation of Course 1, completing the Old Testament.

4. Problems and Discussions in the Life of Christ. **2 hours**

This course will be based on the Gospels as arranged in Stevens' and Burton's Harmony, and the same methods as in Courses 1 and 2 will be employed.

5. Origin of Christianity. **2 hours**

A general course on the beginning of Christianity, and Apostolic Church history.

7. Evidences of Christianity. **2 hours**

A general course on this subject, based on a text book, with discussions and constant reference to Scripture.

9.—Literary Study of the Bible. **2 hours**

This course will use Molton's Introduction to the Study of the Bible.

10. The Sunday School and its Methods. **2 hours**

A text book is used, with lectures, discussions and papers. The aim will be to make this work a practical training with constant reference to present-day needs.

11. Christian Theology. **2 hours**

A brief outline for lay workers. Lectures, readings, etc.

12. Church History. **3 hours**

A rapid review of the Ancient and Mediaeval Church, followed by a fuller course on the modern period.

13. Social Principles of Jesus. **3 hours**

A study on the relation of the principles laid down by Jesus to modern social problems.

14. Comparative Religion. **3 hours**

A study of other faiths, especially of the great ethnic religions with which Foreign Missions deal. This course will alternate with Course 12.

15-16. Teacher Training.

1 hour

The Advanced Teacher Training course, recommended by the Presbyterian Sunday School Board, is followed. This is regarded as one of the College Bible courses, the usual credit is given, and on its completion the regular joint diploma of the Board and of the State Sunday School Association is issued.

17-18. New Testament Exegesis.

1 hour

A Gospel or an Epistle for critical study.

SOCIAL SCIENCES

This department comprises Sociology, Economics, Political Science, and International Law. Twenty-four hours in these subjects combined constitutes a Major in the department. These sciences are of vital importance because they involve direct application of all scholarship and intellectual power to the practical problems of life, especially on its public side; and also because their study, investigation, and discussion furnish an especially effective drill in the methods of thought by which the public questions of the time (so pressing at present) are to be understood and appreciated. No educated citizen of a free country facing what America faces today can afford to lack a thorough grounding in the social sciences as a fundamental element in his college training. A growing appreciation of this fact accounts for the rapid increase of interest in these subjects in colleges in recent years.

1. Elements of Political Science.

3 hours

The origin, nature, forms and functions of the State; a comparative study of modern governments, including new governments and the League of Nations.

2. American Government.

2 hours

The evolution of American state constitutions from the colonial charters; rights and obligations of the States under the Federal National Government of the United States; historical development, organization, powers, practical working.

3. International Law

3 hours

A general introductory course considering the subject historically and giving special attention to current topics and development.

4. Elementary Economics.

3 hours

The text book is supplemented by informal discussions and

research work. Much practice in concrete problems. Attention is given to current events illustrating economic principles. One paper or debate involving original research is required.

5. Applied Economics. 2 hours

Currency and banking, public finance, special reform questions.

6. Principles of Sociology. 3 hours

The relations of Sociology to the other social sciences; the realities that make up the general life of a people; customs, institutions, social classes and castes; social control, social genesis, social values and ideals.

7. Charities and Correction. 2 hours

The causes, prevention and treatment of poverty and crime.

SPANISH

1. Elementary Spanish. 4 hours

The object of this course is to give a working knowledge of the fundamentals of Spanish Grammar, a speaking command of simple idiomatic Spanish, and a basis for literary study. Text books: De Vitis Spanish Grammar, and De Vitis "Spanish Life"; Morrison: "Tres Comedias Modernas"; Alarcon: "El Sombrero de Tres Picos."

2. Continuation of Course 1. 4 hours

3. Reading, Composition and Conversation. 3 hours

(Open to students who have completed Courses 1 and 2 or have eight hours' credit in Spanish).

Basis of written work and conversation: Warshaw, "Spanish-American Composition Book"; reading of representative plays and novels with brief resume of the history of Spanish Literature.

Becquer, "Cuentos Cortos"; Galdos, "Dona Perfecta"; Gutierrez, "El Trovador"; Cervantes, "Selections from Don Quixote."

Also a Spanish magazine, "El Boletin de la Union Pan-Americana," will be used for class work.

4. Continuation of 3. 3 hours

DEPARTMENT OF EDUCATION

The following courses are grouped together to give the student who may desire to qualify for a state teacher's certificate a summary of the pedagogical subjects from which selection should be made in order that his degree may entitle him to such a certificate. The work here outlined conforms to the requirements of Section 871 of the General Laws of North Dakota. Students who contemplate teaching on completion of their four years' course should select a minimum of sixteen hours of the work in Education.

1. Psychology. 5 hours

Introductory course. Structure and biological function of the nervous system studied and the laws of mental growth and action considered. This implies the study of psychology as a natural science.

2. Educational Psychology. 3 hours

Application of psychology to educational problems. Text, lectures and discussions.

3. History of Education. 5 hours

This course is required of all teachers. Monroe's "History of Education" is used. The course will be made as comprehensive as time will permit.

4. Art of Study. 2 hours

A theoretical and practical course. The work consists partly of lectures that may be applied by the student in his college work.

5. Child Study. 3 hours

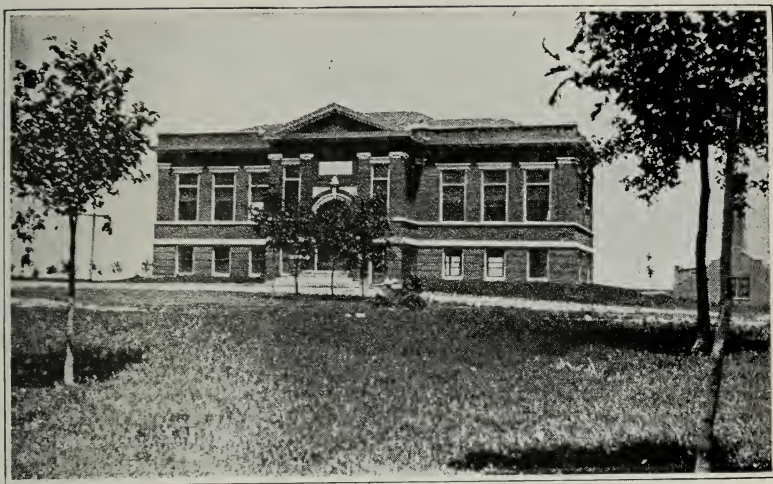
Attention of the student is called to the method of development of the mind of the child, and the problems connected therewith. Discussions of problems connected with adolescence; rational principles of school grading. Text and discussions.

6. Philosophy of Education. 3 hours

This course presupposes considerable acquaintance with the subject outlined above, and aims to sum up the student's educational ideas, to correlate them with accepted views, and to make them applicable to the profession of teaching.

7. State Courses of Study. 2 hours

An elective course based on reports from original material, aimed



THE LIBRARY HALL



INTERIOR OF LIBRARY HALL

to give the prospective teacher a first-hand acquaintance with the grading of American schools. Special attention given to the North Dakota Course of Study. May not be taken earlier than the Junior year.

8. High School Courses. 2 hours

A course logically following 7, comprising an examination of various high school courses, methods in high school, and estimation of their value. Johnson's High School Education used as a basis. May not be taken earlier than the Junior year.

9. Elementary Education in the United States. 3 hours

This course may be taken by those who have had Course 3, or independently of that course. The special purpose of the work is to acquaint the student with the development of education as an art in the United States, and to show him the influences that have brought about its growth. A general view is taken, introductory to the course, of education in Europe in the Middle Ages, and in the Reformation period. A text is used as the basis of the work.

10. Practice Teaching.

Teachers who expect to teach in secondary schools will be expected to do practice teaching and opportunity will be given them to do this. For this work no special credit hours will be given but it will be regarded as taken in connection with courses here listed as 7, 8 and 11. The minimum of such teaching should be about forty hours.

11. Special Methods. 2 hours

In addition to consideration of secondary education as presented in Course 7, students will be given an opportunity to study methods co-ordinate with their principal subjects, or their majors. These courses may be arranged for with the proper departments of the College and reported to the Department of Education. In general, the credit allowed for such courses will be two semester hours.

12. Methods in Elementary Subjects. 3 hours

This course consists of discussions of approved methods and plans of teaching, especially in the first eight years of the public school. Class visitation and inspection is required followed by lectures aimed to evaluate current methods and theories. Likewise the teacher's own teaching problems will come in for discussion during the course. Open to juniors and seniors.

A TEACHER'S SECOND-GRADE PROFESSIONAL CERTIFICATE COURSE

This course consists of a two years' curriculum designed for teachers who wish to secure a second-grade professional certificate.

Students taking this course must have completed a four years' High School course of approved standing, the same as required in other college courses.

This course consists quantitatively of one-half the semester hours required for graduation from the College. Sixteen semester hours of professional subjects as outlined in the Regulations of the State Board of Education are required, together with such other subjects as the student may elect under the direction of the College. All students in this course are under the direct supervision of the Dean of the Department of Education and upon matriculation are specifically required to enroll for the course as candidates for the Second-Grade Professional Certificates of two years.

Selection is made from the following courses:

History of Education, Principles of Education, School Administration or Methods in Elementary Subjects, Advanced Algebra, Solid Geometry, Psychology (Proper, Educational, Child).

Advanced Composition and Rhetoric, American Literature, English Literature, Domestic Science, Biology, Physics, Chemistry, History (Ancient, English or American).

Elective: From courses listed in the College to make up the required credits of two years.

TEACHERS' SPECIAL CERTIFICATES

1. Certificate in Domestic Art and Science.

This course is open to High School graduates of recognized standing. The courses here briefly stated aggregate about forty hours' credit; the remainder are elective in college courses.

English (College Rhetoric).

Chemistry.

Domestic Economics, Model Sewing and Textiles.

Domestic Economics, Cookery, Foods.

Domestic Economics, Hygiene, Dietetics.

Domestic Economics, Physiology.

Prescribed courses in the Department of Education, minimum of sixteen credits.

Elective: College courses in addition to make the total of sixty-four credits.

2. Certificate in Commercial Work.

This course is open to students who are graduates of High Schools of recognized standing. One year of Bookkeeping, High School Arithmetic, and High School Penmanship and Spelling are entrance requirements. Any deficiency in these must be made up in addition to the prescribed courses offered. About thirty hours are prescribed, the remainder are elective in college courses.

English (College Rhetoric).

Accounting (Higher Accounting, Banking, Economic Finance).

Stenography (the advanced course, with office practice).

Typewriting.

Commercial Law.

Social Science.

The prescribed courses in the Department of Education, minimum of sixteen credits, professional training.

Elective: Additional college courses to make total of sixty-four credits.

3. Public School Music Course. (See Department of Music.)

This course is open to students who are graduates of High Schools of recognized standing. Proficiency on the piano or other instrument is a prerequisite. Deficiency must be made up in addition to the prescribed courses offered. About thirty hours are prescribed; the remainder are elective in college courses besides the sixteen professional subjects.

English (College Rhetoric).

Music (Harmony).

Music (History of Music).

Music (Musical Principles).

Music (Sight Reading, Voice).

The prescribed courses in the Department of Education, minimum electives to meet the purposes of the student.

Elective: Additional college courses to make a total of sixty-four credits. Drawing, both free-hand and mechanical, are given in the electives to meet the purpose of the student.

DEPARTMENT OF ORATORY

The purpose of this Department is to afford opportunity for the systematic development of the mind, body, and soul; to advance dramatic art, and to develop forceful, graceful, easy, and natural expression in public readers and speakers. The art of expression, or oratory, is invaluable for the effective use of the knowledge and culture obtained in the arts and sciences. Too much attention can not be given to effective address in these days of theorizing. The power of thought is concealed except where there is power of expression. Subjective power is appreciated when it is made objective. Professor Lawrence spoke truly when he said: "Oratory has been more potent in shaping the course of events and bettering the life of man than any earthly agency, not even excepting war itself; for in most cases where liberty struggled with oppression, force was but the son of eloquence, owing its being to it, and without eloquence liberty would never have come to pass."

Careful attention is also given to physical culture under competent training, seeking to develop symmetry, beauty and health. Appropriate exercises are planned in regular gymnasium classes. There are now two gymnasiums, one for girls in Sanford Dormitory, and one for boys in the new Library Hall.

The College stands in the first rank in debate and oratory. First place has been won twice in four years, and second twice.

1-2.

2 hours

A general beginning course dealing with the subject matter and the physical basis of public speaking, and their application to the fields of conversation, speeches for the occasion, debate and oratory. Required of all Academy students. Text: Brewer, Oral English.

3-4.

2 hours

A technical study of the mechanics of delivery; reading and analytic study of classic orations. Oratorical construction. Required of all college students. Text: Shurter, Public Speaking. Through the year.

5-6.

2 hours

Debate and Argumentation. This course is designed to equip students in forensic discussion and organization of themes in debate. Questions of the day are analyzed.

7-8.

2 hours

An advanced course of class-room study and conference work dealing with problems of composition and delivery of the different forms of public address—the debate, lecture, essay, drama, oration. Throughout the year.

9.

Special courses are arranged for private instruction to meet the needs and advanced work of the student. Individual conference work is arranged in connection with all courses, to meet the needs of the individual student.

THE ACADEMY

(High School Courses)

The Academy is under the same administration as the College and is designed to meet the needs of those who have not adequate High School facilities at home, and as a preparatory department for the College. Students have all the advantages of collegiate instruction, as the College Faculty has supervision of the various courses and of instruction. The courses start with the eighth grade as the foundation, and entrance requires evidence of good moral character and honorable dismissal from the last school attended.

SYNOPSIS OF COURSES

In order to complete the Academy course in four years, a student must take twenty hours of work each semester, and this is required under normal conditions. Twenty-one hours per week without extra charge is permitted for schedule adjustment.

First Year

Required, each semester: Bible, 1 hour; English, 5; Algebra, 5; History, 4.

Elective: Science, 5; Latin, 5; Commercial subjects; Domestic art and science.

Second Year

Required, each semester: Bible, 1; English, 5; Algebra, 5, first semester.

Elective: Latin, 5; History, 4; Science, 5; Civics, 5; Commercial subjects; Domestic art and science.

Third Year

Required, each semester: Bible, 1; English, 5; Plane Geometry, 5.

Elective: Latin, 5; German, 5; History, 4; Science, 5; Expression, 2; Commercial subjects; Domestic art and science; Pedagogical subjects; Expression; Modern languages, 5.

Fourth Year

Required, each semester: Bible, 1; English, 5. (See exception below.)

Elective: English, 5; Latin, 5; German, 5; Science, 5; History, 4; Solid Geometry, 5; Expression, 2; Commercial subjects; Domestic art and science; Pedagogical subjects; Senior reviews; Expression; Modern language, 5.

At least two years of foreign language and one year of history must be taken, and those preparing for the scientific course in College must take at least two years of science, including chemistry or physics, in the Academy. Those taking three or more years of foreign language may omit the fourth year in English. Two semester hours in expression and two in physical culture are required for graduation. The more difficult commercial subjects, Domestic Science, and Advanced Music, may also receive credit in the Academy.

“Diplomas from High Schools doing four years’ work granted to graduates who have had psychology, school management and methods of instruction and three senior-review subjects, shall be accredited as second grade elementary certificates.”

Students who wish to take the subjects named should include them with their electives as may be directed.

For a complete description of courses, see page 40.

Graduation—A diploma is given upon the completion of fifteen approved units. A unit represents a subject taken five hours a week for one school year of thirty-six weeks. Two laboratory periods are accepted as one credit. The maximum hours permitted, without special faculty action, is twenty-eight; the minimum, sixteen. The same rules as to honor points apply in the Academy as in the College. Graduation forms a regular part of the commencement program.

BIBLE AND RELIGIOUS EDUCATION

These courses are based on the recommendation of the High School Board of North Dakota. The Bible itself is the text book, careful note-book work is required, and thorough work is done. The stress is laid upon the narrative, the problems and the difficulties being for the most part postponed until the College courses are taken up.

1. Use of Bible. Old Testament Narratives. 2 hours

The names and order of the books are considered, the sources and transmission of the Bible are explained, Biblical geography is studied; then the Old Testament narratives are begun.

2. Old Testament Narratives. 2 hours

A continuation of the preceding course.

3. Life of Christ. 2 hours

This is an elementary and general course, which seeks to give a connected and appreciative knowledge of the life of Jesus Christ. Stalker's Life of Christ is used.

4. The Apostolic Period. Life of Paul. 2 hours

An elementary course on the founding of Christianity and especially a study of the wonderful personality and work of Paul. Stalker's Life of Paul is used.

5. Bible Literature. 2 hours

A simple course in literary study of the Bible.

6. Sunday School Work. 2 hours

This course is open to the older Academy students.

7-8. Teacher Training. 1 hour

The Standard Teacher Training course, recommended by the Presbyterian Sunday School Board, is followed. This is regarded as one of the Academy Bible courses, the usual credit is given, and on its completion the regular joint diploma of the Board and of the State Sunday School Association is issued.

CIVICS

2. Civil Government. 5 hours

The usual secondary course, meeting state requirements for High School. Abundant aids are provided and the instruction is made very practical.

ENGLISH

1-2. Composition and Literature. 5 hours

The aim of the course is to give drill in the principles of composition, many original themes being written. As in other courses in Academy English, the classic studies are generally those suggested by the outlines for North Dakota high schools.

3-4. 5 hours

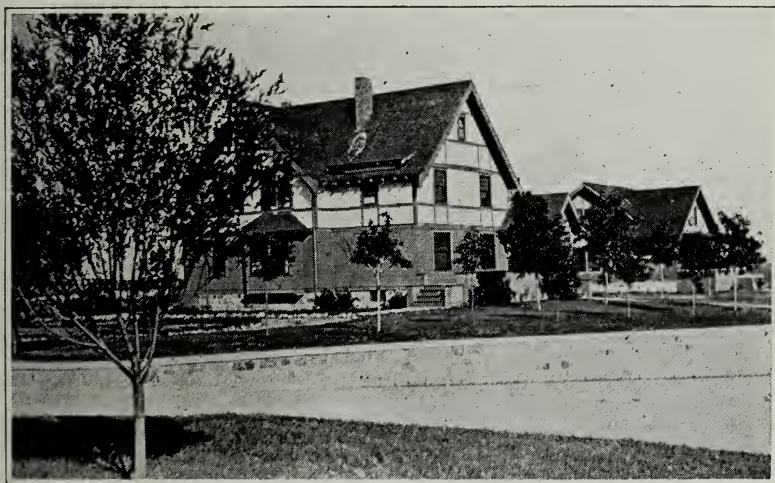
More advanced work in composition, based on Scott and Denny's "New Composition Rhetoric." Study of classics continued.

5-6. American Literature. 5 hours

The history of American literature is studied, together with representative works from the most important writers.



THE LONG WALK



THE FACULTY HOUSE

7-8. English Literature.

5 hours

The work in the history of English literature is based on Long's "English Literature," but greater emphasis is laid on the study of classics.

FRENCH

The Beginner's course in College French is open to third and fourth year academy students.

1. Beginner's Course.

5 hours

Fraser and Squair's French Grammar, Part I, will be completed. Talbot, "Le Francais et sa Patrie," will be read in class.

2. Continuation of Course 1.

5 hours

Composition work from the grammar once per week. Reading, translation and conversation. Textbook: "French Short Stories," Buffum; "Le Voyage de Monsieur Perrichon," Labiche et Martin.

GERMAN

1-2. Grammar.

5 hours

Bacon's "New German Grammar" (edition 1916).

Reading of easy texts, such as "Maerchen," "Glueck Auf," "Im-mensee," and "Im Vaterland." Translation of short stories at sight and hearing. Conversation in German.

3-4. Modern Prose 3 hours reading, 2 hours composition; 5 hours

Hillern, "Hoehrer als die Kirche"; Storm, "Der Schwiegersohn"; Schiller, "Der Neffe als Onkel" and "Wilhelm Tell"; Freytag, "Die Journalisten."

Composition: Allen's "First German Composition" will be used. Dictation, memorizing of German idioms.

HISTORY

1-2. Ancient History.

4 hours

The ancient civilization. Greece and Rome. Maps and papers.

3-4. Mediaeval and Modern Europe.

4 hours

The transition. Topical study of feudalism, crusades, renaissance and later topics.

5-6. English and American History. 4 hours

Text books and lectures. The College method is employed. The course is general in character.

LATIN

1-2. Elementary Latin. 5 hours

Inflections and constructions. Particular stress on verb and noun endings and pronunciation of Latin.

3-4. Caesar. 5 hours

"Gallic War," four books or their equivalent. Prose based on Caesar's text. Careful study of Caesar's life and the important events of his time. Also study of terms and tactics of Roman warfare. Prerequisite—Courses 1 and 2.

5-6. Cicero. 5 hours

Six orations or equivalent. Style and literary value of the orations. Brief study of Cicero's life and works. Prose based on text. Selections from Ovid may be read the latter part of the year. Prerequisite—Courses 3 and 4.

7-8. Virgil. 5 hours

Aeneid, six books, and extracts from other books. Scansion, mythology, source of material and reasons for writing the Aeneid. Life of Virgil, and brief study of the "Augustan Age." Prerequisite—Courses 3 and 4.

MATHEMATICS

1-2. Elementary Algebra. 5 hours

Algebra through simple quadratic equations.

3. Advanced Algebra. 5 hours

This is a completion of Elementary Algebra. It begins with a review of quadratics and includes the more advanced topics presented in a standard text.

5-6. Plane Geometry. 5 hours

The aim is to introduce the student to the more formal methods of reasoning and by means of original problems to develop originality in process of demonstration.

7. Solid Geometry. 5 hours

The fundamental propositions of solid and spherical Geometry, accompanied by a suitable number of exercises in original problems, the whole to represent the work of one-half year.

SCIENCE

1. General Biology. 5 hours

An elementary treatment of biological principles, looked at mainly from the point of view of plant life.

A similar treatment of biological principles, especially as applied to animal life. Equivalent to the usual semester course in zoology. Open to all academy students.

5-6. Chemistry. 5 hours

General Inorganic Chemistry. Based on McPherson and Henderson's text. Laboratory work. Selected work in practical chemistry for those who so elect. Open to third and fourth year students.

7-8. Physics. 5 hours

Carhart and Chute's "High School Physics" as text, with laboratory work. Required of scientific Academy students. Open to fourth year students, and third year students if mathematical preparation is sufficient.

SUBJECTS FOR TEACHERS' CERTIFICATES

Students who graduate from the Academy should select from the following group the subjects prescribed by the rules of the State Board of Education, if they wish to have their diplomas indorsed as teachers' elementary certificates. The subjects are listed here and will be placed on the semester programs according to the needs of students. Each subject must be taken as a five-hour subject for a semester. Courses here described correspond to the same courses in the State High School Manual. See statements on page 47 of this catalog.

1. Psychology. 5 hours

General Psychology treated in an elementary way.

2. Pedagogy and School Management. 5 hours

A course taking up largely rural school pedagogy and management. The course considers elementary school problems from the point of view of experience and by means of a textbook. Discussions of the subject matter of the Course of Study.

3. Teachers' Arithmetic. 5 hours

A thorough review of arithmetic after the study of other High School Mathematics. Special attention given to the needs of the teacher and to the outline in the High School Manual.

4. Senior Grammar. 5 hours

A course designed especially for those who may teach, applying particularly to the knowledge of English acquired in the High School course. It will follow the outline of the High School Manual.

5. High School Geography. 5 hours

A review of Geography with the needs of the young teacher in mind.

6. Advanced American History.

See History,, page 49.

7. Civics. 5 hours

See Civics, page 48.

SCHOOL OF BUSINESS

ADVANTAGES OF ATTENDING JAMESTOWN COLLEGE

The School of Business is affiliated with the College. The students have all the advantage of the College life and association. The design of the School is to give full business and stenographic courses for young men and women who wish preparation for business activity under the inspiration of high ideals and Christian culture.

The advantages are many above the usual commercial school, such as the library, student societies and literary organizations, the presence of college men and women, college culture, college athletics, Christian oversight, and the College Courses for further study and personal improvement. Expert instruction in Public Speaking, Music, Domestic Science and Arts, and in any of the literary departments of the College is available for those who desire it. The School of Music is one of the finest in the State and students of the School of Business will do well to take as much piano work as possible, as they will find that it goes well with their typewriting practice. It is everywhere recognized that to succeed in business a man must be a leader possessing intelligence and culture as well as the general training of the class-room and the desk. In fact, every boy and girl in the State of North Dakota should get at least a High School education.

The expense is about one-half that generally paid at many Commercial Schools. The School seeks to simply pay expenses. It is not a profit-earning school, hence the cheapness of the courses is consistent with the highest efficiency. The best in business training is sought after.

The general charge for a complete course is \$25 a semester of eighteen weeks; \$3.50 is charged each semester for typewriter for practice work. Tuition and fee must be paid in advance each semester, and the same rules as to scholarship and government apply as in the College.

All students in the School of Business are required to study English, the class depending upon their advancement. Other required and elective subjects are listed in the Outline of Courses.

Entrance Requirements. During the war we were frequently called upon to furnish young men and women to fill positions in the business and professional offices in the city and elsewhere and the requirement was almost invariably for one who was a High School graduate or its equivalent. We have been able to place all of our students in paying positions regardless of this increasing demand,

but it serves to indicate what a business man wants and demands and is willing to pay for if he can get it. However, if the student finds it impossible to get the entire High School training,—or its equivalent,—then he should come anyway to Jamestown College School of Business, because if he is old enough to use a little common sense and has a determination to make good he will find his place in the business world and succeed in it.

COURSES OFFERED

The Accounting-Stenographic Courses

Two-Year Course. This course is designed for those who want a complete and efficient preparation in Bookkeeping, suited for an individual proprietor, a partnership, a corporation, Cost Accountancy for a manufacturing concern, Banking, and a thorough mastery of Gregg Shorthand, and Typewriting. The business subjects are taken the first year and the stenographic the second year. If a High School graduate, the student may take some College studies in Economics or Sociology.

OUTLINE OF COURSE

First Year

First Semester	Second Semester
Bookkeeping 1	Bookkeeping 2
English	English
Commercial Arithmetic	Civil Government
Commercial Geography	or
Penmanship and Spelling	Economics
Bible	Money and Banking
	Penmanship and Spelling

Second Year

First Semester	Second Semester
Bookkeeping 3	Bookkeeping 4
Commercial Law	Elements of Business
Shorthand Theory	Shorthand Speed Studies
Typewriting	Typewriting
Penmanship and Spelling	Shorthand Dictation
Bible	Office Training

One-Year Course. This course is designed for High School graduates who desire to take Bookkeeping, Shorthand, and Typewriting, etc., in one year. Introductory and Intermediate Bookkeeping only are taken unless the student has already had some Bookkeeping or practical experience. This is a fine well-balanced course

and should be taken by those only who are able to stand lots of hard work.

OUTLINE OF COURSE

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
English	Shorthand Dictation
Typewriting	Typewriting
Bookkeeping 1	Bookkeeping 2
Penmanship and Spelling	Elements of Business
Bible	Office Training

THE STENOGRAPHIC COURSE

One-Year Course. This course is designed for those who wish to become very proficient in Shorthand and Typewriting for stenographic positions only. Competent stenographers are always in demand, and although a complete knowledge of Bookkeeping is a fine asset in the business world, this course is sufficiently broad. It is very popular in most schools and colleges.

OUTLINE OF COURSE

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
Typewriting	Shorthand Dictation
English	Shorthand Transcripts
Bookkeeping 1 or	Typewriting
Commercial Law or	Elements of Business
Commercial Arithmetic	Office Training
Penmanship and Spelling	Penmanship and Spelling
Bible	

GRADUATION REQUIREMENTS

In addition to the above required studies as given in the Outline of Courses, the following speeds are required for graduation from all courses:

	Words Per Minute
Typewriting speed on new matter (ten minute test).....	40
Shorthand speed on new matter (three minute test).....	80
Shorthand speed on business letters.....	100
Transcript speed from shorthand notes taken in dictation.....	25

DESCRIPTION OF COURSES

Bookkeeping, 1-2. These courses consist of work on sets in the elementary principles of Bookkeeping. The student is given numer-

ous drills in journalizing before taking up the Cash Book, Sales Book, and the Purchase Book. The sets illustrate the Special Column Cash Book, Controlling Accounts, and the simple Operating Expense accounts for an individual proprietor and a partnership. Partnership accounts are given special attention. Numerous exercises are given for securing Trial Balances and for preparing Balance Sheets, and Income and Loss Statements.

Bookkeeping, 3-4. These courses consist of sets dealing with corporation accounting and the elements of cost accountancy. A course in banking may be taken instead of the cost accountancy. The 20th Century, Rowe, and Metropolitan systems of Bookkeeping are used in the School, though the 20th Century is used for class work. Elementary accountancy or Accounting 1 may be taken during the course.

Two periods a day of school work are required for five hours' credit, one period a week being given to class review and discussion.

Shorthand. The Gregg Shorthand system is taught. The Gregg Manual is completed the first semester, and the Gregg Speed Studies and the Gregg Writer are used the second semester. All the dictation is given for the purpose of increasing the student's speed in taking notes and for enlarging his working vocabulary. Much supplementary material is dictated to be transcribed on the typewriter. A speed of 100 or more words a minute on business letters is easily reached by the end of the year. Five hours.

Typewriting. The Touch System of Typewriting is taught and the ability to handle the keys of the typewriter without looking at the keyboard is insisted upon from the very beginning.

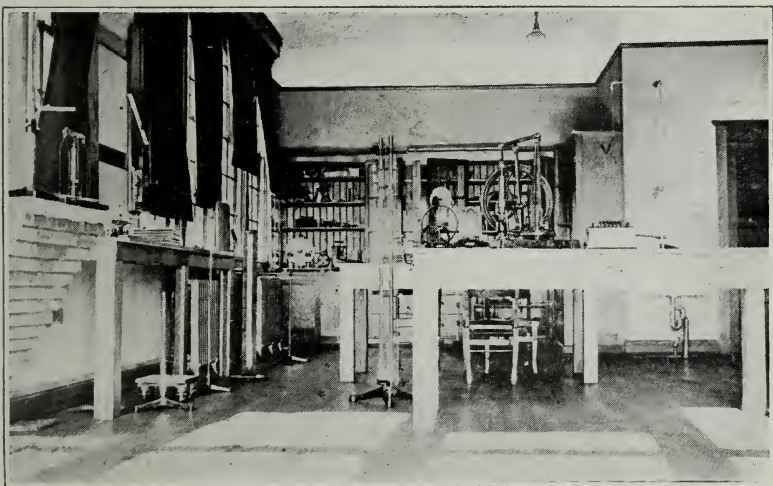
The textbook material covers a great variety of exercises, model forms for business letters, manuscripts, legal documents, billing forms, etc. A speed of fifty words a minute is attained by most students by the end of the year.

Two periods a day of school work are required for five hours' credit, one period a day being used for class drills for speed.

Office Training for Stenographers. In this course the student is taught how to write a letter of application, and much information is gained concerning the mails, enclosures and forms of remittances, filing systems, office appliances, shipping, billing, business ethics, and legal papers. This course is indispensable to a stenographer, develops his efficiency as an office helper, and so when he enters the office he will know what to do and how to do it. The latest model of the A. B. Dick Rotary Mimeograph, and a filing cabinet are great aids to this course. Three hours.



CHEMICAL LABORATORY



PHYSICS LABORATORY

Commercial Arithmetic and Rapid Calculation. In this course special attention is given to interest, cash discount, bank discount, percentage, partial payments, stocks and bonds, exchange, equation of accounts, and partitive proportion and partnership. This course is a great aid to those students taking Bookkeeping. A considerable portion of the course deals with Rapid Calculation and a special text is used for that purpose. Five hours.

English. This study is required of all students in the School of Business—high school graduates taking College English in the English Department of the College, and others in the Academy. A course in business English consisting of a review of English grammar, punctuation, and the composition and structure of business letters, sales letters, collection letters, and letters of application is often given. A stenographer must be proficient in English. This splendid opportunity of taking English with classes of the College should not be overlooked by anyone intending to enter the School. Three or five hours.

Commercial Law. This subject includes the law on contracts, negotiable papers, agency, bailments, partnership, corporations, deeds, insurance, real estate, personal property, etc. This is a course that every person who signs a contract, gives a promissory note, accepts a draft, ships goods, rents or leases property, etc., should have studied some time during his school days. It is very practical. Mr. Buck, a prominent attorney of the city, very kindly consents to give a course of four lectures on negotiable paper some time during the year.

Commercial Geography. This course treats of the various natural and manufactured products of the different countries, their imports, exports, routes of trade, etc. A study is made of commercial conditions as they are found in the various parts of the world today as a result of certain physical and political influences, occupations, reconstruction problems resulting from the World War, and the conditions of inter-dependence existing among the different parts of the world.

Elements of Business. This is a course especially designed for stenographers to give them a working knowledge of economic exchange, money and credit, banking, insurance, property, investments, saving and thrift, taxation, and elementary principles of Accounting.

Civics. This course consists of a thorough study of the principles of government for the state and nation, the courts of the land, and the duties of a citizen.

Money and Banking. This is a study of the origin, use, and his-

tory of money as a medium of exchange with special reference to the financial and economic history of the United States. It includes a study of the history, utility, and functions of banks and the use of credit in the business world. A banking set is to be worked out some time in the course, and so makes this course more practical to the student who may some day get a good position in a bank.

Penmanship and Spelling. Instruction is given in the Palmer Method of Business Writing. The aim of this course is to teach a plain, rapid, easy, and legible business writing, as it is very essential to every person intending to take up a business career. This course is required of every student of the School of Business.

DIPLOMAS

Diplomas are given upon the completion of any course selected by the student. The fee is \$2.50, and the graduation takes place at the regular time of graduation from other departments of the college.

DOMESTIC SCIENCE

Complete courses in Home Economics are offered, with the best and latest facilities.

A diploma is granted to a person who has completed the prescribed courses in Domestic Science, as arranged below. A prerequisite to the courses is a diploma from an accredited High School or Academy.

Persons taking the regular Literary and Arts courses for the degrees of B. A. and B. S. can, upon application to the Faculty, arrange to take Domestic Science and arts courses with a view of credit in their junior and senior years.

SYNOPSIS OF COURSES

First Year

First Semester

Physiology and Pedagogy
English
Chemistry
Model Sewing
Junior Cookery, 1

Second Semester

Food Study
Physiology and Home Nursing
Chemistry
English
Mechanical Drawing
Plain Sewing
Junior Cookery, 2

Second Year

Dietetics
Household Management
Advanced Cookery, 1
Dressmaking
Chemistry
Physical Culture

Bacteriology
Advanced Cookery, 2
Millinery and Art Needlework
Textiles
Organization of Home Economics
Physical Culture

DESCRIPTION OF COURSES

Domestic Science

1-2. Elementary Cookery

2 hours

Study of value, character, use, preparation, and cost of food materials. Scientific principles underlying food preparation and practical application.

3-4. Advanced Cookery.

2 hours

This gives practice in selection and marketing of food, making

menus and serving meals. The work includes food preservation, preparation, study of meals, of table service, and giving of demonstrations.

5. Dietetics. 3 hours

This course includes the composition, digestion, metabolism and fuel value of foods, diet as influenced by age, sex, and occupation; dietary standards, making of dietaries and service of meals.

6. Food Study. 2 hours

A study of composition, structure, nutritive ratio, digestibility, cost and place of diet in all foods, also of chemical and physical changes which take place in foods during cooking, and effect of various temperatures on digestibility and food value of various foods.

7. Home Nursing. 2 hours

This subject involves the practical treatment of simple ailments of the human body—methods of handling emergencies that occur in school, home or elsewhere. Short course in invalid cookery included.

8. Household Management. 2 hours

This course includes organization, furnishing and care of the house, household accounts, chemistry of cleaning metals, woods and fabrics, use of disinfectants; study of household pests and care of foods and supplies.

DOMESTIC ART

1. Model Sewing. 3 hours

This course embodies the fundamentals of sewing and their application. It includes the various stitches—basting, running, stitching, combination, gathering, overcasting, hemming, making of button-holes, seams, French and felled, plain and faced hems, and the making of models illustrative of the various phases of the work.

1. Plain Sewing. 3 hours

This course includes the making of simple garments, such as underwear, aprons and plain waists by both hand and machine sewing.

3. Dressmaking. 3 hours

Designing, making, trimming and decorating of fall and spring suits, and various methods of trimming and finishing garments.

5. Art Needle Work.

1 hour

This course is designed to furnish instruction in crocheting, knitting, applique, ornamental darning, padding, scalloping, French embroidery, cross stitch, Swedish weaving, hemstitching, drawn work, eyelets, initials, cut work.

4. Millinery.

2 hours

Designing, making, trimming and decorating of fall and spring hats, to develop skill, originality and economy in utilizing of materials by renovating and tinting; the making of flowers, ornaments and other trimmings.

6. Textiles.

2 hours

Study of, history, production, spinning, weaving, dyeing processes and characteristics and laboratory tests of the four fibres.

9. Organization of Home Economics.

2 hours

Study of aims and methods of teaching Domestic Science and Domestic Art; a study of equipment and supplies; lesson plans and courses are made; observation and practice teaching are required.

The required courses in Physiology, English, Chemistry, Mechanical Drawing, Bacteriology and Psychology are given in the different departments of the College where a full description may be found.

Students regularly enrolled in the College or Academy, electing courses in this department obtain free instruction. Only a small deposit is made to cover use of materials. The fee for all other students is the regular tuition of the College. Single courses, \$10 per semester.

THE SCHOOL OF MUSIC

The School of Music offers courses in Voice, Piano, Organ, and Violin; also theoretical courses in Harmony, Counterpoint, Composition, Musical History, and Analysis. The time necessary to complete a course will depend upon a student's ability, previous advancement, and devotion to his work.

The work of the School of Music is grouped according to probable time under three courses:

1. The Degree Course.
2. The Public School Music Course.
3. A Private Teachers' Certificate Course.

The requirements and details of the Degree Course follow immediately. For those of the other two courses see under the same headings as above, on page 65, and page 66 of the catalog.

THE DEGREE COURSE

A student to receive the degree of B. Mus. must have completed the full four years' work in a satisfactory way and have taken such part in programs as the director may decide. The full details of the Degree course in Music follow:

ENTRANCE REQUIREMENTS

To rank as a freshman in the School of Music, students must have graduated from an approved High School, and show by examination or otherwise that they are qualified to enter upon the courses in music which they elect.

GROUPING OF SUBJECTS

Candidates for a degree of B. Mus. must take at least 54 hours of definite college work and at least 70 hours in music courses. Students electing voice work should consult with the dean of the School of Music regarding the modern language which they select.

The 54 college credits shall be distributed thus:

English	6 semester hours
Religious Education	8 semester hours
Modern, Foreign Language.....	12 semester hours
Psychology	3 semester hours
Physics	3 semester hours
Physical Training	4 semester hours

In addition to the above 36 required credits, electives sufficient to make a total of 54. Education subjects sufficient to meet the state requirements may be included under electives, in college.

The remaining 70 credits shall be selected from courses in the School of Music. They shall include the following subjects: Harmony, Counterpoint, Composition, Orchestration, 16 hours; History of Music, 8 hours; Appreciation, 4 hours; to complete 70 hours, courses may be chosen in Voice, Organ, Piano, Violin, and Public School Music as the Dean of the School of Music shall require. Generally a student will select about 20 hours of practical music in one of the departments named. These subjects will be found outlined under appropriate headings under "Description of Courses."

While the School of Music does not promise to report work for a degree because it has been taken a certain length of time, yet in general, work in practical music that has been satisfactorily completed will be reported on the basis of counting one recitation period a week as one semester hour.

In theoretical music, work will be reported for credit according to the class hours per week, as in the College of Liberal Arts.

DESCRIPTION OF COURSES

In what follows will be found a detailed description of courses offered in the School of Music. These are given under the subheads: Voice, Pianoforte, Violin, Organ, Public School Music, Sight Reading, Normal Courses, Ensemble, Harmony, Theory, Appreciation of Music, History of Music, Recitals. In outlining the work for a degree in Voice and Piano, the courses are presented as year courses.

VOICE

The methods followed are systematic and thorough and aim to secure artistic results.

Freshman

The work of this year completed includes Vocalises by Sieber, Concone, and the study of songs and ballads by Larsen, Grieg, Buck, Gounod, and others.

Sophomore

Studies in phrasing and rapid execution. German songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, and some light operas.

Junior

Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod, Verdi, selections from heavier operas and songs of the Modern School, Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Ganz.

Senior

The work of the fourth year aims to develop still further the artistic sense according to the best art traditions.

A degree student who specializes in Voice in addition to other subjects, will be expected to complete substantially the work of the four years given above.

PIANOFORTE

Instruction on the piano is by the individual method. The student must spend an adequate amount of time in practice in addition to what he does in the lesson hour.

Freshman

A student must receive thorough grounding in hand, arm, and finger training. Studies are adapted to the abilities of pupils. The work of this year consists in "Intermediate" studies in Music. Czerny, Velocity Studies, Bertini, Loeschorn, Heller, etc., Bach Little Preludes and Fugues, Sonatinas and easy Sonatas.

Sophomore

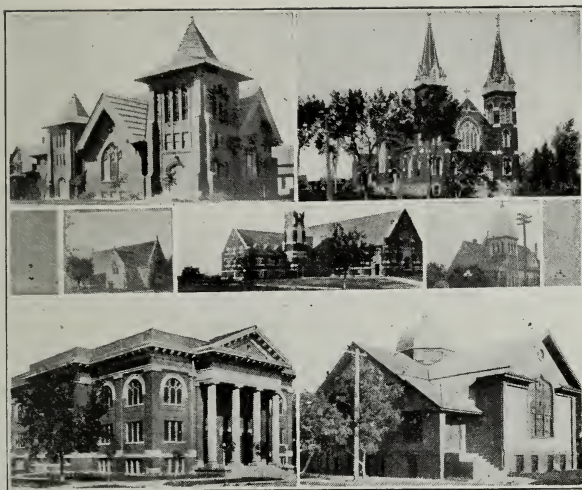
Czerny Op. 740, Cramer-Bulow, Fifty Selected Studies, Heller, McDowell, etc. Bach, Two- or Three-Part Inventions, French Suites, Sonatas of Mozart, Haydn, and Beethoven.

Junior

Clementi, Tausig, Gradus ad Parnassum, Czerny Op. 740. Chopin Etudes, Kullak, Octaves School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven, and other masters. Repertoire from classical and modern composers. In each grade suitable pieces will be given as the pupil is ready for them.

Senior

"Advanced" work. Continuation of previous year. Concertos (with second piano or orchestral accompaniment).



A GROUP OF CHURCHES



THE MIDLAND AND NORTHERN PACIFIC DEPOTS

A degree student who specializes in Piano in addition to other subjects, will have completed substantially all the work outlined above.

The work of certificate students will be selected from the studies shown above.

VIOLIN

The violin has been spoken of as the most perfect instrument. Opportunity will be given to study the violin. Lessons are given by individual instruction and suited to the requirements of the students. No attempt is made here to outline the work according to years of advancement.

Degree students may elect some work in Violin as a part of their necessary credits in Music.

PIPE ORGAN

Before taking up the study of the Pipe Organ a student should have a year or more of work in the piano, should have considerable skill on the piano, and thorough training in the Rudiments of Music.

No attempt is made here to outline the work by courses or years. A student may elect courses on the Pipe Organ when sufficiently advanced and may regard this as a part of the work credited toward a degree in Music, based on time and skill.

ENSEMBLE

A study of Ensemble is very important to the student of any instrument. Classic and Modern Music is studied. Work may be taken as the dean may provide. It may be counted as required or elective work for the degree course. The credit given will depend upon the time and skill of the student.

HARMONY

1. Elements of Harmony. 2 hours
Structure and use of useful triads and tendency chords with their inversions.

2. Harmony. 2 hours

Continuation of the work of the first course.

All students are expected to take a course in Harmony. This

course enables a student to transpose music easily. The time given and the credit may be changed from the above schedule, but when a course in Harmony is published to meet once a week it will carry one hour credit per semester. Examination will be required and the work taken in classes as in case of other theoretical subjects.

THEORY

A thorough and exhaustive course in theoretical studies is strongly recommended. A rudimentary or fundamental course should precede Ear Training, Sight Singing, Harmony, Analysis, Counterpoint, Canon and Fugue, Orchestration, and Composition.

This work is taken in class and will be credited in a manner similar to Harmony, depending upon time and advancement.

MUSIC APPRECIATION

This is a study of form and meaning of music. A text "Appreciation of Music," by Surette and Mason, is followed.

Required for Graduation: Credit given depending upon time and scope of work.

MUSICAL HISTORY

First year. The work of this year is divided into two semester courses and covers the beginning of music through to the classical period and the history and development of instruments. Text: Tapper and Goeschius, "Essentials in Music."

This work will be reported for credit according to time and amount of work taken.

STUDENT RECITALS

Opportunity will be given to students of the School of Music to take part in recitals and other public performances. Since much of the work of the music student must be done before the public, these recitals are absolutely essential to his success in order that he may acquire confidence and poise. Only students who have reached a proficiency approved by their instructors and their director will be permitted to appear in public performances.

Students will be required to take part in all recitals when assigned by the instructor and to be present at all concerts and recitals. Work in recitals will not be credited unless specially recommended by instructors in advanced courses. In such cases credit reported will be according to work done.

PUBLIC SCHOOL MUSIC COURSE

A student to be qualified to teach in the public schools of the state must conform to certain requirements set forth by the state. A student may take work in Public School Music without being a degree student. Under certain conditions some of this work may be taken by the student who is a candidate for a degree. Entrance upon the course, if the student is a candidate for a diploma for teaching in the public schools, implies graduation from a high school. The two-year course is outlined as follows:

First Year. Required: Psychology, History of Education, Ear Training, Voice Culture, Harmony, a modern language or its equivalent. Piano, unless the student is already able to play "Third Grade Music." If so, the candidate may be excused from further study of the piano.

Second Year. Required: Sight Singing, Ear Training, Advanced Harmony, History of Music, Appreciation of Music, Piano, unless excused.

A student should consult the course in Music under Department of Education, page 43. Courses in College English may be taken as electives. Bible courses are required.

For details of courses in Voice, Piano or other subjects, see under the various subject headings.

PRIVATE TEACHERS' CERTIFICATE COURSE

The statements here made in regard to training apply especially to those who aim to be private teachers in their communities. There is a demand for instructors who can impart their knowledge of music. For this reason a course is outlined without indication of the time required for each subject. A certificate will be given showing that this course has been completed, provided that the student is advanced in piano work or some other instrument work. This course differs in scope and character from the Public School Music course and the certificate given implies different work.

Lectures. Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing Educative Principles, etc., Ear Training Analyzing and Psychology are a part of this course. Normal courses in Voice and Violin may also be taken. For courses in Voice, Piano or other subjects, see under various subject headings.

Tuition

Special and certificate students—piano, organ, voice or violin—

2 half-hour lessons per week, each semester.....	36.00
1 half-hour lesson per week, each semester.....	20.00
Piano practice, 1 hour per day, each semester.....	5.00
Piano practice, 2 hours per day, each semester.....	10.00
Organ practice, same as piano, with \$2 extra each semester for electric motor power.	

In Harmony, History of Music, Ear Training and other theoretical subjects, a charge per course taken will be made in addition to other tuition.

General Information

Tuition is payable in advance for each semester, and the student must present a matriculation card from the registrar's office, showing that the financial arrangements are satisfactory before lessons can be assigned.

Lessons lost will not be made up, except in cases of protracted illness.

The School of Music will observe all national holidays and also the last three days of each semester (final examinations), and no refund will be granted on this account.

Students are required to take part on recital programs when assigned to such work by the instructor, and to be present at all concerts, recitals and lectures.

Students are not allowed to take part in public programs without the consent of the teacher.

Concert Engagements. The members of the Faculty of the School of Music and Oratory may be engaged for concerts or recitals.

For dates, terms, etc., address the School of Music.

College Band

The Jamestown College Band is a voluntary student organization open to all young men of all departments free of tuition. It provides excellent instruction and effective drill in band music, including all the standard instruments. The band is very popular both in the College and in the city and has won substantial praise for its excellence.



MODERN RECREATION



STUDENTS' BOATING SCENE

SUMMER SCHOOL

The Summer School is one of the recognized divisions of the scholastic year at the College. The first summer session was held in June and July of 1912. While there is naturally some change in the character of the work of a summer term as compared with that of the usual nine academic months, it is only such as follows from the needs of the students in attendance. During the summer term instruction is offered by members of the regular College Faculty. Attention is called to opportunities offered to three classes of students: (1) Teachers who desire to make good use of the summer vacation in study under college teachers. (2) Students or prospective students, who have some courses to complete to be regular in their academic work. (3) Other persons who at this time of the year would like to carry some chosen study and mingle with students. The following are some of the principal subjects in which courses are offered, but other courses will be given where the demand warrants doing so.

Astronomy, Algebra, Biblical subjects, Biology, Chemistry, English Literature, Expression, French, Geology, Geometry, German History, Latin, Surveying, Trigonometry.

Normal review courses in the branches required of teachers in common schools, including Civics, Music, Nature Study, Pedagogy, Psychology.

Commercial courses, including Bookkeeping, Shorthand, Typewriting, Arithmetic, Correspondence.

Courses in the School of Music.

Courses in the School of Religious Education.

**The 1919 Summer School begins June 30 and continues to
August 13.**

Complete tuition for the term of six weeks.....	\$10.00
One subject a day for the term of six weeks.....	5.00
Board and room per week.....	5.00

For rates in music courses see School of Music.

Jamestown College has conformed to the requirements of Section 1366 of the School Laws of North Dakota, so that a degree from the College with the prescribed courses in education entitles the holder to a state professional certificate. Correspondence as to courses of study and all other matters pertaining to the Summer School should be addressed to

WILLIAM B. THOMAS,
Registrar Jamestown College.

SCHOLARSHIPS AND PRIZES

A large number of scholarships are held by the College, which will yield the student receiving them \$50 each. These are awarded to Honor students of High Schools.

All recipients of scholarships are required to take active part in the various student organizations.

Loans are made to deserving students from the Student Loan Fund. The conditions can be obtained by addressing the President of the College.

A scholarship of \$1,000 has been established through the benefaction of John H. Converse, Philadelphia. This will be given from time to time, as the income is received, to worthy young men studying for the ministry.

A scholarship of \$1,000 has been established by Mr. E. P. Wells, Minneapolis, in memory of his father, Milton Wells, to be known as the "Milton Wells Scholarship Fund."

A scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, Mandan, North Dakota, in memory of her parents, Thomas and Barbara Green, to be known as "The Thomas and Barbara Green Memorial Endowment Scholarship." The income is to be given each year to a student for the ministry who is at least in his sophomore year in college.

A second scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, to be known as "The Frederick L. Green Scholarship Endowment Fund," for like purposes.

A scholarship of \$1,000 has been established by Mrs. Nettie F. McCormick, Chicago, Ill. The income is to be used to aid deserving students.

A scholarship of \$1,000 has been established by Rev. J. C. Ely, D. D., Oakland, Md. The income is to be used for deserving students.

A scholarship of \$1,000 has been established, known as the "L. G. Crosswell Memorial Scholarship," by his daughters, Mrs. A. Ueland, Mrs. Aylus and Mrs. Emily Lee.

A scholarship of \$1,000 has been established by Rev. James P. Schell in memory of his wife.

Rev. W. O. Forbes, Portland, Oregon, has founded "The Forbes Memorial Prize in Rhetoric," in memory of his deceased daughter, Edith Emily, and his wife. The amount available each year is \$25, to be given to the best student in Rhetoric in the Freshman Class of the College.

Judge J. A. Coffey of Jamestown, North Dakota, has founded "The J. A. Coffey Oratorical Prize in Expression," to be awarded each year for the best oration delivered under the Department of Expression, open to all men students. The prize is \$35 in gold and \$15 in a gold medal—total \$50.

"The Orlady Oratorical Prize" was founded by Mr. Ben Orlady of Jamestown, North Dakota, to be awarded each year for the best oration delivered under the Department of Expression, and is open to all girl students, \$50.

"The C. S. Buck Oratorical Prize" was founded by Mr. C. S. Buck of Jamestown, North Dakota, to be awarded each year for the second best oration delivered under the Department of Expression and is open to all young lady students. \$50.

ROLL OF STUDENTS

Senior

Bamford, J. Herbert.....	Mitchell, Iowa
Bauer, Pearl May.....	Jamestown
Courtenay, Wm. J.....	Page
Dale, Alfred S.....	Rugby
Ebersole, Stella	Upham
Fulton, Grace Evelyn.....	Jamestown
Guertin, Jessie Ione.....	Wheaton, Minn.
Hansen, H. C.....	Jamestown
Kale, Roy Adison.....	Stanley
Landis, Ralph Verl.....	Wolford
Landis, William Wilder.....	Wolford
Lawrence, Arthur Charles.....	Eldridge
Miller, Elmon Gordon.....	Cando
Olson, Irene L.....	Glenwood, Minn.
Peake, Lucile	Jamestown
Staples, Mary Grace.....	Concrete
Turner, Jennie	Courtenay
Wadeson, Vera Mae.....	Jamestown
Shute, Laura	Jamestown

Junior

Badger, Roland Adams.....	Colgate
Bordwell, Chas. H.....	Spirit Lake, Iowa
Brown, Frank Hamilton.....	Bismarck
Buck, John William.....	Starkweather
Burr, Alexander C.....	Rugby
Church, Emma	Fullerton
Cone, Lisle Hamilton.....	Woodworth
Coomb, Doris Evelyn.....	Sherwood
Cunningham, Alice Willard.....	Marshall, Mich.
Ferguson, Harvey	Park River
Hanlon, Iris Mary.....	Ryder
Hunt, Ruth	La Moure
Lusk, Jennie Adeline.....	Jamestown
Martin, Joyce E.	Park River
Miller, Hazel T.....	Waterloo, Iowa
Moore, Herbert Pybas.....	Ranger
Retzlaff, Anna H.....	Aneta

Thomas, Fern Lucile.....	Jamestown
Williams, Vera B.....	Jamestown
Wilson, Florence	Makoti
Wilson, John Lewis.....	Hannaford
Wright, Hugh	Antler

Sophomore

Alswager, Lovell	Courtenay
Armstrong, Erma Gladys.....	Hannaford
Buzzell, Pauline	Cleveland
Ellsworth, Eldora Ernestine.....	Jamestown
Fuller, Lillian A.....	Cavalier
Gray, Mildred Emily.....	Preston, Minn.
Hart, August Lawrence.....	Cleveland
Hendrie, Edith Jean.....	Leeds
Hutchings, Eunice	Sheldon
Jackson, Mildred Lucile.....	Jamestown
Marriott, J. E. Fern.....	Jamestown
McMillen, Nellie N.	Esmond
Miller, Chas. Hulin.....	Cando
Moffett, Marion L.....	Courtenay
Moffett, Mildred J.....	Courtenay
Moore, Herbert Pybas.....	Ranger
More, Jessie Ann.....	Wimbledon
Nelson, Margery Laura.....	Buchanan
Rathman, Floyd Bailey.....	Jamestown
Reid, John H.....	Courtenay
Stroud, Helen Irene.....	Wimbledon
Yoder, Elizabeth	Wolford

Freshman

Allen, Virgil	Pleasant Lake
Badger, Miles Harmon.....	Colgate
Bakey, William August.....	New Rockford
Barnhart, Thearle Ambrey.....	Jamestown
Bennett, Charles Oliver.....	Jamestown
Berns, Simon J.....	Perham, Minn.
Bope, George A.....	Dawson
Bork, Rudolph Louis.....	Bismarck
Borquin, Robert McKee.....	Jamestown
Borquin, Monroe	Jamestown
Boussard, Shable John.....	Williston
Bullamore, Delbert Delos.....	Glen Ullin
Brown, Gordon Dwight.....	Monango
Bayfield, Fred Alvin.....	New Rockford

Cootey, Nellie	Jamestown
Cruttenden, Zatella May.....	Inkster
Davis, Mary Ellen.....	Spiritwood
Ebersole, Ethel	Upham
Eifert, Joseph V.....	Richville, Minn.
Fahl, Caryl	Buffalo
Farley, Edith Frances.....	Jamestown
Ferguson, Ross	Carrington
Forbes, Edmund Rae.....	Backoo
Freise, Paul William.....	New Salem
Graham, George Knox.....	Ryder
Guenther, Arnold Frederick.....	Kensal
Hansen, Loren C.....	Jamestown
Hart, August Lawrence.....	Cleveland
Haskin, Annis	Jamestown
Hastings, Amy E.....	Pingree
Hazard, Nell	Casselton
Herberson, Ralph Neil.....	New Rockford
Kelly, Eugene Byron.....	Garfield, Minn.
Knutson, Nathaniel Oren.....	Berwick
Jaynes, Orma May.....	Steele
Jennings, Lillian Bruce.....	Cleveland
Johnson, Clarence Arnold.....	Spiritwood
Johnson, Harold Frank.....	Jamestown
Kaiser, Harrison Jean.....	Marion
Krueger, Fred	Antler
Kassner, Frank E.....	Kewaunee, Wis.
Laing, Marvin Robert.....	Courtenay
Lawston, Willis A.....	Wolford
Lindberg, Mabel	Rugby
L'Moore, Parker	Jamestown
Martin, Phyllis	Park River
McDougall, Christine Alice.....	Westhope
Mohn, Oscar	Linton
Mohn, Walter Earl.....	Linton
Monek, Colin Thomas.....	Jamestown
Montague, Grace Matilda.....	Minnewaukan
Muir, Alice Irene.....	Inkster
Muir, Enid Priscilla.....	Inkster
Murdoch, James Depew.....	Wimbledon
Ness, Guneil	Jamestown
Olson, Harold Wehn.....	Jamestown
Olson, Archie Hedner.....	Wilton
Past, Alvin Edgar.....	Jamestown
Peterson, Ralph Leroy.....	Royceville

Rahn, Viola	Cavalier
Rickbeil, Ethel	Cavalier
Riley, Emil	Jamestown
Riley, Julian	Jamestown
Rogers, Howard James.....	Calvin
Rohs, Jacob Frederick.....	New Salem
Rosencrans, Leeda June.....	Towner
Runner, Aline Mary.....	Cleveland
Severn, Jessie	Jamestown
Shipley, Harold Eugene.....	Dickinson
Sampsell, Russell	Bantry
Shaffer, Waldo Edward.....	Wild Rice
Skuttle, Vivian Clara.....	Nekoma
Smith, Byron Wesley.....	Jamestown
Smith, Jay Harold.....	Rugby
Spencer, Jean Marguerite.....	Minnewaukan
Spitzer, Samuel Mark.....	Edgeley
Stone, Howard Lewis.....	Leeds
Strutz, Alice Emma.....	Jamestown
Thomas, John Webster.....	Jamestown
Thon, Mary Viola.....	Langdon
Vorous, Gordon Norton.....	Clarkston
Wesley, William M.....	Hannaford
Westphal, Alice Christine.....	Minnewaukan
Wright, Mervyn Emmeline.....	Sharon
Yoder, Max B.....	Wolford
Young, Victor Everett.....	Gackle
Zimmerman, Esther T.....	Buffalo

Academy IV

Alver, Viola Audrine.....	Streeter
Anderson, Theron Kellern.....	Ryder
Couch Lloyd A.....	Bismarck
Currie, Harold McPherson.....	Starkweather
Link, Myrtle Jane.....	Wishek
McLeod, Bartlet	Jamestown
Murdoch, James Depew.....	Wimbledon
Reed, Florence Marion.....	Amenia
Schmidt, Ann	Independence
Urban, Elva Mary.....	Hebron
Vellenga, Peter	Tappen

Academy III

Amberson, Leonard Nelson.....	Rugby
Anderson, Florence Lenore.....	Streeter
Barton, John	Lone Trail

Biebe, Mahlon H.....	Carson
Benshoff, Merle Lewis.....	New Rockford
Berdahl, Lloyd A.....	Rugby
Berven, Peter	Lakota
Buzzell, David A.....	Cleveland
Curran, Steven E.....	Menomonie, Wis.
Dickson, James Ira.....	Edgeley
Fisher, John Paul.....	New Salem
Fleming, William F.....	Brisbane
Gier, Clayton D.....	Ellendale
Goben; Percival W.....	Epping
Gredt, Alexander, Jr.....	Wishek
Hempstead, Alice Margaret.....	Jamestown
Higgins, Michael J.....	Medina
Hohenhaus, Herbert O.....	Jamestown
Horst, Steve Mike.....	Glen Ullin
Johnson, Margaret Jeanette.....	Douglas
Klick, Frank W.....	Hebron
Leonard, Casper S.....	New Rockford
McFadgen, Clinton	Steele
McCaul, Lynn K.....	Ayr
McMahon, Vernea A.....	Martin
Orr, Augustus C.....	Rugby
Peters, Erick William.....	Dawson
Rathman, Lloyd L.....	Oakes
Remboldt, Ernest J.....	Medina
Richardson, William A.....	Ryder
Robinson, Ward C.....	Sawyer
Schaper, Delmar Charles.....	Edgeley
Schellenbaum, Saul C.....	Ryder
Schmidt, Ada Marion.....	Independence
Shute, Clarence W.....	Jamestown
Sloan, Evelyn Charlotte.....	Juanita
Tague, Lawrence C.....	Lakota
Thiering, Roland L.....	Hebron
Wiley, James H.....	Steele
Wilhelmi, Joseph E.....	Nekoma

Academy II

Bernard, Kenneth Henry.....	Pettibone
Boyd, Alice Irene.....	Pingree
Chesrown, Charles E.....	Linton
Legler, Lucile Maria.....	Robinson
Link, Florence Irene.....	Wishek
Morrow, Clinton W.....	Pettibone

Ringuette, Raymond	Jamestown
Ringuette, Lawrence	Jamestown
Weld, Margaret	Cleveland

Academy I

Brondel, Sadie Rose.....	Claire City, S. D.
Howe, Alma	Clements ville
Irwin, Doris Marion.....	Hillsboro
Langfeldt, Edna C.....	Claire City, S. D.
Lusk, Claude Charles.....	Cleveland
Runyan, Fern Henrietta.....	Pettibone
Smith, Wayne Ambrose.....	Eldridge

Commercial

Atwood, Ethel	Jamestown
Bennett, Charles	Jamestown
Borquin, Monroe	Jamestown
Brandel, Sadie	Claire City, S. D.
Brown, Ida	Jamestown
Cooper, Myrtle	Jamestown
Cootey, Nellie	Jamestown
Dick, Lucile	Jamestown
Frederick, Margaret	Flasher
Guymer, Ruth	Jamestown
Griffin, George F.....	Jamestown
Hazard, Nell	Casselton
Hillstrom, Esther	Pettibone
Hutchings, Zoe	Sheldon
Jaynes, Orma	Steele
Knowles, Helen	Jamestown
Lee, Lillian	Jamestown
Liebe, Elsie	Jamestown
Lindberg, Mable	Rugby
Lusk, Claud	Jamestown
Maciosek, Euphersina	Jamestown
Marihart, Anna	Jamestown
Martin, Phyllis	Park River
McLain, Lottie	Eckelson
Muir, Alice	Inkster
Muir, Enid	Inkster
Ness, Guniel	Jamestown
Pederson, Ruby	Grand Rapids
Peterson, Ralph	Boyceville
Runyan, Fern	Pettibone
Schmacher, Florence	Courtenay

Severn, Jessie	Jamestown
Thomas, John	Jamestown
Thompson, George	Jamestown
Whipple, Myrtle	Flora

Music

Armstrong, Irma	Hannaford
Anderson, F. G.....	Jamestown
Badger, Roland A.....	Colgate
Bamford, J. Herbert.....	Mitchell Iowa
Boyd, Alice Irene.....	Pingree
Buck, Elizabeth	Jamestown
Buck, John	Starkweather
Cline, Ellen D.....	Sanborn
Coomb, Doris	Sheerwood
Eddy, Lois	Jamestown
Egleston, Leonard	Jamestown
Ellis, Blanche	Jamestown
Frederick, Margaret	Flasher
Gentry, Lorraine	Clements ville
Hanlon, Iris Mary.....	Ryder
Hastings, Amy	Pingree
Hempstead, Alice M.....	Jamestown
Hillstrom, Esther	Clements ville
Howe, Alma	Jamestown
Hunt, Ruth	LaMoure
Irwin, Doris M.....	Hillsboro
Jackson, Mildred L.....	Jamestown
Jaynes, Orma	Steele
Jennings, Lillian B.....	Cleveland
Johnson, Margaret J.....	Douglas
Johnson, Margaret H.....	Fullerton
Johnson, Marion	Jamestown
Krueger, Fred	Antler
Langfeldt, Edna C.....	Clair City
Legler, Lucille	Robinson
Link, Florence	Wishek
Marriott, J. Fern.....	Jamestown
Martin, Phyllis	Park River
McMillen, Nelle	Esmond
Miller, Hazel	Waterloo, Iowa
Montague, Grace M.....	Minnewaukan
More, Jessie Ann.....	Wimbledon
Muir, Alice L.....	Inkster
Muir, Enid P.....	Inkster

Nelson, Anna S.....	Ayr
Nolte, Fern	Jamestown
Olson, Irene	Glenwood
Prugger, Mae	Jamestown
Retzlaff, Anna H.....	Aneta
Reed, Florence M.....	Amenia
Riley, Julian	Jamestown
Ritchie, Nelle	Howard Lake, Minn.
Runyan, Fern	Pettibone
Runner, Aline M.....	Cleveland
Schmidt, Ada M.....	Independence
Schmidt, Ann	Independence
Skuttle, Vivian	Nekoma
Sloniker, Beulah	Jamestown
Staples, Mary G.....	Concrete
Steinbach, Theresa	Jamestown
Stroud, Helen I.....	Wimbledon
Thomas, Fern L.....	Jamestown
Thomas, John W.....	Jamestown
Urban, Elva M.....	Hebron
Wilson, Florence	Makoti
Wilson, John L.....	Hannaford
Vellenga, Peter	Tappen

Special

Martin, Martha	Goodrich
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Summer School

Barrett, Elizabeth H.....	Jamestown
Bauer, Pearl	Jamestown
Bennett, Grace	Jamestown
Bowden, Elizabeth	Carrington
Bjornson, Gunhild Kathryn.....	LaMoure
Bjornson, Marion Lucile.....	LaMoure
Canon, Donnell John.....	Jamestown
Carlson, Esley	Jamestown
Christensen, Burnettie	Jamestown
Cootey, Laura M.....	Jamestown
Cruttenden, A. May.....	Jamestown
Cusey, Maynard	Jamestown
Dunlop, Millicent	Jamestown
Ford, Caroline	Eldridge
Frey, Hilda	Jamestown
Gerringer, Irene S.....	Tappen
Graham, Iva M.....	Harinon
Greenfield, Bonnie Ruth.....	Georgetown

Hagen, Mrs. Marian.....	Jamestown
Hansen, Loren	Jamestown
Hermanson, Amy Bertha	Litchfield
Hews, L. Grace.....	Jamestown
Holiday, Elizabeth Martha.....	Jamestown
Huffman, Pauline	Jamestown
Kaelberer, Marie Pauline.....	Almont
Keller, Ellen Amelia.....	Jamestown
Liebe, Anna	Jamestown
Lindgren, Esther A.....	Jamestown
Monel, Gertrude	Jamestown
Murphy, Eunice Margaret.....	Jamestown
Nelson, Myrtle May.....	Cole Harbor
Norton, Grace Irene.....	Mott
Odell, Edna K.....	Jamestown
Perry, Harriett E.....	Jamestown
Peters, Cora D.....	Jamestown
Peterson, Mollie Henrietta.....	Eldridge
Phillips, Florence	Jamestown
Pratt, Dorothy M.....	Courtenay
Richmond, Harold	Jamestown
Ringuette, Arthur	Jamestown
Ringuette, Harold E.....	Jamestown
Robinson, Olive	Jamestown
Russel, Marcia E.....	Stewartsville
Saye, Mina	Millarton
Schmidt, Anna	Independence
Schmidt, Ada Marian	Independence
Thomas, Bertha M.....	Jamestown
Wadson, Vera	Jamestown
Warne, Laura	Norwich
Wyatt, Clara Bertha.....	Montpelier
Young, Pearl Erma.....	Orrin

General Summary

College of Liberal Arts.....	155
Summer School	51
Music	62
Academy	68
Commercial	26
<hr/>	
Total in all Departments.....	362
Names counted more than once.....	58
<hr/>	

DEGREES CONFERRED

Degrees Conferred

1913

Fraser, John H., B.S.	Osborn, Edith A., A.B.
Geake, Chas. P., A.B.	Osborn, Wm. M., A.B.

1914

Atwood, Inez C., A.B.	Riggin, Eleanor, A.B.
Kribbs, Emma, A.B.	Wanner, Anna, B. S.
L'Moore, Edna, A.B.	Colvin, R. L., A.B.
Macpherson, Ann Jean, B.S.	

1915

Buck, Anne, A.B.	Parker, Percival C., A.B.
Kroeze, Herbert A., B. S.	Weiermuller, Claire, A.B.
Mitchell, Clifford, B.S.	

1915—Rairdon, F. L., B.S.

rschel, A.B.

1916—Wynes, Edna, A.B.

las M., A.B.

Birkhaug, Konrad E., A.B.	Kroeze, Nettie G., A.B., cum laude
Bourgeois, Helen LaVern, B.S.	Lindgren, David W., A.B.
Campbell, Edna S., A.B.	Long, Inez E., B.S., cum laude
Dysart, Leslie T., B. S.	McLachlin, Irma, B.S.
Hansen, Percy M., A.B.	Wanner, Kennedy Scott, A.B.
Johnson, Marion, A.B., cum laude*	

1918

Cootey, Laura A.B., cum laude	Jacobson, Ida J., A.B.
Duncan, Neva M., A.B., cum laude	Perry, Harriet E., A.B.
Erickson, Karl, B.S.	Thomas, Bertha Moore, A. B., cum laude
Hansen, Bessie A., A.B.	

Degree of M.S. in cursu

1916

Griner, Harry G., B.S.

* Cum laude rank first bestowed in 1917.

Hagen, Mrs. Marian.....	Jamestown
Hansen, Loren	Jamestown
Hermanson, Amy Bertha	Litchfield
Hews, L. Grace.....	Jamestown
Holiday, Elizabeth Martha.....	Jamestown
Huffman, Pauline	Jamestown
Kaelberer, Marie Pauline.....	Almont
Keller, Ellen Amelia.....	Jamestown
Liebe, Anna	Jamestown
Lindgren, Esther A.....	Jamestown
Monel, Gertrude	Jamestown
Murphy, Eunice Margaret.....	Jamestown
Nelson, Myrtle May.....	Cole Harbor
Norton, Grace Irene.....	Mott
Odell, Edna K.....	Jamestown
Perry, Harriett E.....	Jamestown
Peters, Cora D.....	Jamestown
Peterson, Mollie Henrietta.....	Eldridge
Phillips, Florence	Jamestown
Pratt, Dorothy M.....	Courtenay
Richmond, Harold	Jamestown
Ringuette, Arthur	
Ringuette, Harold E.....	
Robinson, Olive	
Russel, Marcia E.....	
Saye, Mina	
Schmidt, Anna	Independence
Schmidt, Ada Marian	Independence
Thomas, Bertha M.....	Jamestown
Wadeson, Vera	Jamestown
Warne, Laura	Norwich
Wyatt, Clara Bertha.....	Montpelier
Young, Pearl Erma.....	Orrin

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Geake, Chas. P., A.B.	Osborn, Wm. M., A.B.

1914

Atwood, Inez C., A.B.	Riggin, Eleanor, A.B.
Kribbs, Emma, A.B.	Wanner, Anna, B. S.
L'Moore, Edna, A.B.	Colvin, R. L., A.B.
Macpherson, Ann Jean, B.S.	

1915

Buck, Anne, A.B.	Parker, Percival C., A.B.
Kroeze, Herbert A., B. S.	Weiermuller, Claire, A.B.
Mitchell, Clifford, B.S.	

1916

Barker, Angus, A.B.	Pearson, Herschel, A.B.
Britt, Burnice A., A. B.	Walters, Dallas M., A.B.

1917

Birkhaug, Konrad E., A.B.	Kroeze, Nettie G., A.B., cum laude
Bourgeois, Helen LaVern, B.S.	Lindgren, David W., A.B.
Campbell, Edna S., A.B.	Long, Inez E., B.S., cum laude
Dysart, Leslie T., B. S.	McLachlin, Irma, B.S.
Hansen, Percy M., A.B.	Wanner, Kennedy Scott, A.B.
Johnson, Marion, A.B., cum laude*	

1918

Cootey, Laura A.B., cum laude	Jacobson, Ida J., A.B.
Duncan, Neva M., A.B., cum laude	Perry, Harriet E., A.B.
Erickson, Karl, B.S.	Thomas, Bertha Moore, A. B., cum laude
Hansen, Bessie A., A.B.	

Degree of M.S. in cursu

1916

Griner, Harry G., B.S.

* Cum laude rank first bestowed in 1917.

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VOLUME XII

NUMBER 1

The Jamestown College Bulletin



CATALOGUE NUMBER
1920-1921

JAMESTOWN, NORTH DAKOTA, MAY, 1920

The Jamestown College Bulletin



The Annual Catalogue with the Register of Students of Jamestown College for 1919-1920. Also Announcements and Courses of Study for 1920-1921.

Jamestown, North Dakota, May, 1920

Entered at the Postoffice at Jamestown, North Dakota, as Second-Class Matter, November 5, 1909, under the Act of July 16, 1894.

Published quarterly by Jamestown College.

1920

COLLEGE EVENTS

1920

Summer School June 21 to July 31

First Semester Begins.....Tuesday, Sept. 21.
Registration DayTuesday, 8 a. m., Sept. 21.
Classes MeetWednesday, 8 a. m., Sept. 22.
Thanksgiving RecessThursday, Friday, Nov. 25, 26.
Recitations ResumedMonday, 8 a. m., Nov. 29.
Christmas Vacation Begins.....Friday, 4 p. m., Dec. 17.

1921

Recitations ResumedMonday, 8 a. m., Jan. 3.
Day of Prayer for Colleges.....Thursday, Feb. 3.
First Semester Closes.....Friday, Feb. 11.
Second Semester Begins.....Monday, Feb. 14.
Cap and Gown Day.....Monday, Feb. 14.
Registration Days Saturday, Monday, Feb. 12 and 14.
Classes MeetTuesday, 8 a. m., Feb. 15.
Colonial NightMonday, Feb. 21.
Washington's BirthdayTuesday, Feb. 22.
Academy Night Friday, June 10.
Baccalaureate SermonSunday, June 12.
Annual ConcertMonday, 8 p. m., June 13.
Commencement in Academy.....Tuesday, 8 p. m., June 14.
Class NightWednesday, 8 p. m., June 15.
Meeting of Board of Trustees.....Thursday, 2.30 p. m., June 16.
CommencementThursday, 8 p. m., June 16.
President's Reception Thursday, 10 p. m., June 16.

Regular Meetings of the Board of Trustees: For 1920, June 17, 2.30

Incorporated as Jamestown College, November 19, 1883.

Received as Synodical College of North Dakota, October 9, 1885.

Closed its doors June, 1893.

Reopened September 20, 1909.

BOARD OF TRUSTEES

- I. 1920—John Mahon, Real Estate and Loans, Langdon.
Charles Peterson, Banker, New Salem.
W. J. Lane, Real Estate and Loans, Fargo.
- II. 1921—Henry M. Taber, Financial Agent and Loans, Jamestown.
J. A. Coffey, Attorney-at-Law, Judge District Court, Jamestown.
Rev. W. H. Mathews, D. D., Greenwich Presbyterian Church, New York City.
- III. 1922—Rev. D. T. Robertson, Ph. D., First Presbyterian Church, Fargo.
David Lloyd, Banker, LaMoure.
S. E. Ellsworth, Attorney-at-Law, Jamestown.
- IV. 1923—S. F. Corwin, Vice-President James River National Bank, Jamestown.
C. F. Plummer, Merchant, Minnewaukon.
Abner Veitch, Financial Agent, Williston.
- V. 1924—Ben Orlady, Merchant, Dry Goods, Jamestown.
A. G. Burr, Attorney-at-Law, Judge District Court, Rugby.
H. W. Gill, Portal.
- VI. 1925—Rev. Ward F. Boyd, First Presbyterian Church, Jamestown.
Rev. B. A. Fahl, D. D., Presbyterian Church, Buffalo.
C. L. Young, Attorney-at-Law, Bismarck.

OFFICERS OF THE BOARD FOR 1919-1920

President B. H. Kroeze, Ex-Officio

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Ben Orlady, Vice-Chairman	J. E. McElroy, Treasurer

EXECUTIVE COMMITTEE

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Ben Orlady	S. F. Corwin
Rev. Ward F. Boyd	Barend H. Kroeze, D.D., LL.D.

FACULTY

BAREND H. KROEZE, A.M., D.D., LL.D., President
Philosophy, Psychology.

FRANK B. TAYLOR, M.S., Ph.D., Dean
Social Science and History.

WILLIAM B. THOMAS, A.M., Registrar
Chemistry and Physics

≡
MAY E. CHALFANT, A.B.
Greek and Latin Literature.

WILLIAM E. ROE, A.B., D.D.
The Thomas McCurdy Memorial Chair of Religious Education and
Sunday School Methods.

HAROLD M. DAVIDSON, A.M.
Modern Language and Literature.

THOMAS W. JACKSON, A.M.
Mathematics and Engineering.

—
ROY H. HOLMES, Ph.B.
English Language and Literature.

GEORGE M. KNIGHT, A.M.
Biology and Psychology.

HESTER CUNNINGHAM DAVIDSON, A. M.
Romance Languages

THOMAS J. GOLIGHTLY, A.M.
History and Education.

CHARLES EDGAR FULTON, A.M.
Principal of Academy.

ARTHUR STUCKENBRUCK, M.C.S.
Director of School of Business.

MARION JOHNSON, A.B.
Assistant in Latin and English.

G. CALVIN RINGGENBERG

Director School of Music, Piano, Organ.

Graduate New England Conservatory. Pupil of Kurt Fischer, Alfred Devoto; in Organ a pupil of Homer Humphrey and Wallace Goodrich; special student of Madam Lucas, Boston, in Voice; Graduate in Artist Course; special coaching for Recital Work with Lynwood Fornum; Harvard University, two years; Director School of Music, January 1, 1920.

MRS. ELIZABETH HOYT AYER, A.B.

Voice.

Graduate Upper Iowa University; pupil of William Portius, Minneapolis School of Music; student in American Conservatory, Chicago; pupil of Cuthbert Buckner; director of Wichita Falls College of Music and Art.

MRS. EDNA LINN STUCKENBRUCK

Voice.

Student Knox Conservatory of Music; graduate Highland Park College of Music, 1902; graduate student Highland Park College; teacher New Jersey Academy, Logan, Utah, 1904-1907; student Oberlin Conservatory of Music, 1907-1909; summer student New England Conservatory, Boston; director Music Department, Westminster College, 1909-1916; Jamestown College, 1917-1919, Jan. 1, 1920—

MABEL HARRIS

Domestic Science and Art.

EVA A. PARSLow

Preceptress.

Instructor in Oil and Water Color Painting.

NETTIE GRAY KROEZE, A.B.

Instructor in Academy English.

ALEXANDER BURR

Instructor in Academy Physics.

JOYCE MARTIN

Physical Training for Women.

THELMA TOBIASON

Physical Training for Women.

PHYLLIS MARTIN

Instructor in School of Business

ROLAND ADAMS BADGER
Assistant in School of Music

CHARLES H. BORDWELL
Instructor in Band Music

GORDON D. BROWN
Chemical Laboratory Assistant

EMMA CHURCH
Librarian

IRIS MARY HANLON
Assistant Librarian.

L. W. UPSHAW and MORRIS SEVERN
Part time Athletic Coaches.

FACULTY IN SUMMER SCHOOL

WILLIAM B. THOMAS, A.M.
Chemistry and Physics.

FRANK B. TAYLOR, Ph.D.
Education, Sociology.

MAY E. CHALFANT, A.B.
Latin and Expression

CHARLES E. FULTON, A.M.
Mathematics.

ROY H. HOLMES, Ph.B.
English.

BERTHA MORE THOMAS, A.B.
High School Reviews.

HERBERT J. BAMFORD, A.B.
French.

NETTIE GRAY KROEZE, A.B.
Piano

GENERAL INFORMATION

ADMINISTRATION

The administrative policy of Jamestown College is determined by a Board of Trustees which is a self-perpetuating body duly incorporated under the laws of the State of North Dakota. The Board consists of six classes, the term of one class expiring in June of each year. The election of the new class is confirmed at the annual meeting of the Synod of North Dakota. This policy guarantees wise and safe management, with responsibility to both legal and ecclesiastical authorities, rendering effective administration possible, and stimulating moral and religious supervision and training.

The Board of Trustees is responsible for and the guardian of all the property and funds of the College, and directly conducts its financial affairs. Investors and philanthropists are assured by such an administration, of business methods, devoid of politics, and duly accountable to the Church and State.

THE COLLEGE IDEA

It is the declared purpose of the College to encourage the development of an educated Christian citizenship, and to that end it seeks to offer a liberal culture combined with moral training. The educational ideal is "The Balanced Life," a proper combination of the theoretical and the practical, the intellectual and the moral, such as no other type of institution gives. While denominational in auspices, the College is in no respect sectarian, and does not teach any church tenets. The Synodical supervision is designed to safeguard its moral and spiritual tone, to make its halls a place for effective scholastic training under the inspiration of Christian leadership, with accountability for its moral life and conduct. Every home is therefore assured that those whom it entrusts for a time to Jamestown College will be under ideal oversight and broad and liberal religious influence. It is a Christian College with home life.

ORGANIZATION

Jamestown College consists of the following departments:

- I.—The College of Liberal Arts, with the usual courses of four years leading to the degrees of Bachelor of Arts (B. A.) and Bachelor of Science (B. S.)
- II.—Department of Education. Professional courses for teachers as required by the State of North Dakota for licensed teachers. Courses in Educational Criticism and Philosophy.

- III.—The Academy or Preparatory Department. The Academy prepares for all the College courses. Diplomas are awarded.
- IV.—The School of Music, which offers courses in Piano, Voice, Organ, Orchestration, Violin, Mandolin, Harp, Guitar, the Theory and History of Music.
- V.—The School of Business. Courses are offered in Typewriting, Stenography, Bookkeeping, Commercial Arithmetic, Accounting, Correspondence, Spelling, Penmanship, Office Practice, Commercial Law, Commercial Geography, Rapid Calculation.
- VI.—The School of Oratory and Physical Culture with courses in Elocution, Voice Building, Oratory and Physical Training.
- VII.—Domestic Science. Courses in Sewing, Cooking, Domestic Art, etc.
- VIII.—Religious Education. Courses in Bible History and Literature, Sunday School Theory and Methods, and Religious Training courses for Association Workers, Pastors' Assistants, Sunday School Superintendents and Teachers. Certificates are awarded.
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Jamestown is noted as a city of culture, with beautiful buildings and homes, clean morally, with a citizenship proud of esthetic and physical beauty, as evidenced by its numerous parks and drives. The city has a population of over 7,000 people. Its altitude is 1,400 feet, and for healthfulness it is unsurpassed. It has the finest railway station in the State, complete sewer system, free mail delivery, is brilliant with electric lights, and has an abundant supply of excellent water derived from wells. There are fourteen churches—Baptist, Presbyterian, Catholic, Congregational, Episcopal, Methodist Episcopal, Free Methodist, German, Evangelical, German Lutheran, Scandinavian Lutheran, Seventh Day Adventist; a daily and three weekly newspapers, and a fine public library, which is open to the students and allows them special privileges. The late Mr. Dickey, of Wells & Dickey Company, Minneapolis, bequeathed \$35,000 to the city for the public library. A city Y. M. C. A. exists and is of great benefit to students. Jamestown is thus an ideal place for an educational institution, and offers the advantages of city life with delightful home influences and culture.

THE COLLEGE SEAT

Jamestown is situated in the James River Valley, one hundred miles toward the interior of the State, on the main line of the Northern Pacific Railway. It is the division point on the main line



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of the Northern Pacific, and the terminus of the Leeds-Jamestown and the Oakes-Jamestown branches, reaching from the northern to the southern portions of the State. The Pingree-Wilton line is also operated from Jamestown. The Midland Continental Railway has Jamestown as a division point, and furnishes excellent connections both north and south. The Soo and Great Northern connect with the main line and the Leeds branch. The College is thus of easy access from all parts of the State.

THE COLLEGE SITE

The College campus is within the city limits, slightly elevated, overlooking the city proper, and affords a most beautiful, inspiring city and landscape scene. It is a delightful and sunny spot, with perfect drainage. The campus consists of 107 acres, artistically laid out in drives and lanes and parking, athletic fields, tennis grounds, and unsurpassed building sites. It is intended to make the campus the peer of any in the land, and it can never be surpassed by any in the State. It is an ideal place for culture and study.

Taber Hall. This is designed as the main building for scholastic uses. It was dedicated January 6th, 1914. It is conveniently arranged for administrative purposes, recitation rooms, laboratories, and departmental work. One whole floor is fitted out as a Science Hall with modern equipment, and the best of laboratory facilities. It is of beautiful Tudor, or Early English design, 120 feet long and 63 feet wide, and three stories high. The building is the gift of a devoted friend to the cause of modern Christian education.

The Library Hall. This beautiful building is one of the finest College Libraries in the Northwest, thoroughly equipped with library facilities. The books are mostly new and up-to-date.

Men's Dormitory, popularly known as Men's Hall, is a three-story structure. It has been repaired and equipped as a men's dormitory exclusively. It is one hundred feet long and forty-two feet wide. The rooms are all furnished with electric light and steam heat, and bath and toilet rooms are provided on each floor. It was thoroughly remodeled last summer with an addition of 16 more rooms to accommodate the increase of students. It is a choice home under student self-government.

Sanford Dormitory is a new, modern structure for women. It commands a rare view, inspiring the studious habit. It will accommodate eighty women. The rooms are all large and commodious, arranged according to the best modern sanitary plans. It is heated with steam from a central plant, is lighted by electricity, and each woman is accommodated with her own wardrobe. Each floor is pro-

vided with excellent bathing facilities. Each woman is provided with a single bed, and the rooms are furnished with tables, chairs, dressing cases, etc., to make them beautiful and comfortable. The building is of the classical style of architecture, known as the Jacobin, three stories with a spacious gymnasium for women on the fourth floor. A laundry is provided with every modern convenience. The best architectural features are in evidence. The home life of the student is always a matter of prime importance. The ethical and social aspects of school life are marked features of this College, and to these vital considerations this building and its surroundings render invaluable aid.

Central Heating Plant. This is a large structure with ample room for the heating of the entire College group as designed in the official plan of the campus plant. The rolling character of the south portion of the campus makes it ideal for excellent heating. The capacity was doubled last year to accommodate the increase in the college plant. It includes a cottage for the engineer. -

The Voorhees Chapel and Commons. It is of English Gothic style of architecture, of reinforced steel concrete floor construction, and will seat 750 students and accommodate about 400 in its commons and cafeteria. A Music Hall annex is a wing so that the building is in the form of an "L," making the studios of easy access to the Recital Hall. It is the only structure of its kind in the State. A three manual pipe organ is installed for use by the Conservatory of Music.

The President's House is also located on the campus. It is of English cottage design with the second story of cement. It is a spacious structure, commanding like all the buildings, a superb view of the wooded groves and river of the city.

Faculty Houses. In addition to the President's house two Faculty houses have been erected for the convenience of members of the Faculty. One is a brick and cement structure south of the President's house and the other is a large double house north of Taber Hall on the faculty row.

Gymnasium. The girls' gymnasium is located in Sanford Dormitory, and the general gymnasium is temporarily housed in the basement of the Library Hall. This gymnasium is equipped with showers, apparatus, floor courts, etc.

Allen Athletic Field. This field has been improved at considerable cost, to give an athletic field for all out of door athletic purposes. The field is the gift of Mr. H. B. Allen of Jamestown.

The Library. The Library is located in the new Library Hall. Rev. J. L. Danner, D. D., of New York City, contributed the major

portion of his valuable library, known as the J. L. Danner Library. Dr. and Mrs. Dwight S. Moore also made a substantial gift of books. All books and other material are filed and indexed on the decimal system. There have been also gifts by Rev. J. P. Schell, Mrs. Roderick Rose, Mrs. S. L. Glaspell, Geo. F. Falconer, Judge J. U. Hemmi, the late William Moore, Superintendent of Schools, Bismarck; H. M. Taber, Ben Or lady, Mrs. J. M. Rowe, Dr. A. G. Mendenhall, Hon. Lewis F. Crawford and others. The library is now an excellent up-to-date working college library.

LABORATORIES

All the laboratories are fitted with gas, electricity and water. The biological laboratories are equipped with tables and compound microscopes for the use of individual students. An abundance of staining material and apparatus for sectioning and mounting in histological courses is furnished, and the main biological laboratory by its location with a south and east exposure, is exceptionally well lighted throughout the day. Apparatus is new and modern.

For work in physics a large general laboratory, comprising practically one-fourth of one floor of Taber Hall, is equipped with new apparatus. The apparatus has been purchased with a view of enabling the student to do advanced work in the subject, most of which is quantitative in nature. The tables and wall cases are commodious and neat. The room is equipped for work in light with dark shades on all the windows, and a dark room enclosed from the rest of the laboratory. The current, furnished by the city electric circuit, is transformed to a voltage suitable for experimental work, by a special transformer, and a Nodon valve is used for changing the alternating current to direct. This laboratory, as well as the biological, is fitted with an electric switch, for attachment of a Bausch-Lomb Balopticon. A stone table makes delicate manipulations possible in experiments calling for this, and a large balance-room apart from the general laboratory is similarly fitted with a stone bench in a well lighted part of the room.

The chemical laboratory contains tables of the stone trough and sink type, at which students are assigned lockers for their work. A hood of the most approved model is built along one end of the room, and a store and dispensing room is furnished with chemicals required for advanced work. The balance-room adjacent gives opportunity for quantitative chemistry.

A laboratory and class room for courses in domestic science is equipped with all the furnishings and apparatus necessary for courses in this department. Cooking is done with city gas.

The Moral and Religious Tone. In Jamestown College the emphasis is placed on the development of the character. This is the essential feature in Christian education, and is a material aid to the best scholarship. Culture and high ethical ideas are compatible with the scientific learning of the day. No denominational doctrine is taught nor required, but the religious life is guarded as life's highest aim. An untutored mind is better than a twisted character. The beauty and nobility of life is accentuated by moral environment within classic halls.

A chapel service is conducted each day and attendance thereon is required.

All students upon enrollment are required to specify their church connection or choice, and attendance once each Sunday is required. Exemption from this rule is only given upon a special request of a parent or pastor, for some denominational reason. The same is true of daily chapel attendance.

The Day of Prayer for Colleges is regularly observed with appropriate exercises, and is designed to be of help to the student body.

The students have two Christian organizations, the Y. M. C. A. and the Y. W. C. A. Membership in these is voluntary. They are of incalculable value in the religious and social life of the College, and by nature of their organization are eminently suited to bring all students together for mutual, social and ethical advantage. Regular meetings are held, conducted by the students themselves, and interest is stimulated in Bible and mission study. Addresses on Life Work are delivered by business and professional men during the year. The Associations have beautiful separate rooms in Taber Hall, which are probably the finest College Association quarters in the State.

College Paper. The students publish a four-page weekly College paper, The Jamestown Collegian. It is the exponent of student life and thought and greatly stimulates literary effort.

Churches. The fourteen different churches in the city co-operate with the Christian organizations to help the students in their social and religious problems, and the pastors are ever ready to render service. Students select their own church for worship.

Organization. In addition to the Christian organizations the students have four Literary Societies. These are designed to develop efficiency in expression, oratory and forensic discussion. There is a general association called the Student Association, which is made up of the entire student body and has charge of the oratorical contests and debates and other student affairs. It elects certain officers and members of the Athletic Council, which manages athletics. The

College is affiliated with the other colleges and the State University in the State Oratorical Association and Inter-State Oratorical Association. State and Inter-State debates are held.

The greatest degree of autonomy consistent with the necessary harmonizing of all interests is allowed the student body in the management of student affairs, and special direction by the Faculty is seldom necessary; but all organizations are responsible to the Faculty, and the President of the College, or the Dean in his absence, is ex-officio member of all organizations and committees connected with the institution. No new organization may be created without special permission of the Faculty, and all constitutions must be submitted for approval.

Regulations. If required, students must submit credentials of good moral character at the time of entrance, and their continuance depends upon good conduct and compliance with all the rules and regulations in force. Culture and refinement are the properties of the campus, and "to do right" the supreme principle of conduct. The College reserves the right to change rules and conditions without notice.

Study hours are reserved each evening, except Saturday evening, which is the social evening, from 7.30 to 10.30. Students are free from College duties Sunday afternoon and evening. Friday evening is designed for meeting of Literary Societies, and other college and faculty functions.

All non-resident students are required to room and board in the Dormitories, unless specifically excused because of self-help. Each case is decided upon its merits by the College authorities.

A spacious laundry is provided for the women in Sanford Dormitory, where pressing of dresses and other wearing apparel can be done. For washing clothes and pressing, a nominal charge is made to cover the use of gas and electricity. Stationary tubs and gas heater are provided. This convenience enables students to reduce their expense to a minimum for laundry.

Rooms. The beautiful new Sanford Dormitory accommodates eighty women students. It is a Ladies' Hall, and the rooms are large, well lighted, all outside rooms, furnished with every modern convenience. It is one of the finest Dormitories in the State, and a delightful home for the women.

Since the rooms are limited, applications for reservations must be accompanied with a fee of \$7 which will apply on the rent. Failure to take the room means forfeiture of the fee. The rooms rent for \$7 a month for each student. This charge includes heat and electric light. A double room can only be had by one person when the

capacity of the hall is not exhausted. In such a case an additional fee of \$4 a month is charged. The student should provide herself with linen, pillow and pillow cases, bedding, laundry bag and toilet articles. The beds are single, and make up in the day time as lounges or couches, giving the room the appearance of a cozy sitting room.

A laundress is employed at the Dormitory, who will do work for the young ladies at a reasonable rate, or they have the privilege of using the abundant facilities for doing their own washing as far as they desire.

The Young Men's Dormitory has the same modern conveniences as Sanford Dormitory. The charge for each student is the same, \$7 per month, including steam heat and electric light. A student wishing a double room alone without room-mate must pay \$4 additional per month. A room-mate must be taken whenever conditions demand it. Reservations can be had by remitting the fee of \$7, which will apply on rent. The beds are single. The student should provide himself with linen, pillow and pillow cases, bedding and toilet articles.

Rooms in both halls are completely furnished with beds, study tables, dressing cases, chairs and window shades.

Failure to take the room reserved means the forfeiture of the fee.

The rooms must not be marred beyond ordinary wear by careful use. A deposit is made at the time of registration, to cover breakage, which is refunded at the close of the year after the room has been inspected and found in good condition.

Board. The dining hall is located on the first floor of Voorhees Chapel and Commons, and is beautifully and artistically arranged. Table board is as low as consistent with wholesome and healthful living. The board is on the co-operative plan; no profit is made, and only the cost is charged the student. The rate has been \$4.75 per week. We hope to retain that price if cost of materials will allow. The policy has been to give thorough satisfaction and guard good health. The Commons heat and light are donated to reduce the cost of board to the students.

Rules Governing Payment. No deduction is made from any bills of the semester of eighteen weeks on account of suspension or dismissal. Board bills are due four weeks in advance.

In case of protracted absence on account of illness, deduction of one-half of the unexpired four weeks will be made, if this amounts to one week, and applied as a credit on board. In all boarding accounts, fractions of weeks will count as wholes.

Room rent for the entire semester must be paid at the beginning of the semester. Absence within a semester will not entitle a student to reduction from a semester payment for rent.

Tuition is due for a semester in advance.

Where a student is obliged to withdraw from school before the end of the semester, the amount of unused tuition, rent and board to which he is entitled will be covered by a certificate enabling him to use the amount upon return except in the case of suspension or expulsion.

When a student enters after the beginning of a semester or for less than a semester, the charge for tuition will be pro rata for the time agreed upon, at the rate of \$27 per semester.

Expenses. Tuition in all departments, room rent, and fees are for the semester of eighteen weeks, and must be paid strictly in advance. Class registration is not permitted without the possession of the Treasurer's receipt or a special grant from the Registrar.

Tuition for the College or Academy, each semester.....	\$25.00
Incidental fee, each semester	10.00
Library fee, each semester.....	1.00
Chemistry fee, each semester.....	4.00
Physics fee, each semester.....	2.00
Biological Science, each semester.....	3.00

An enrollment fee of \$1 is charged for students who register late. A fee has been asked for by a vote of the Student Association. The amount is \$2.50 each semester. It takes the place of the Athletic fee, and admits to all games—a considerable saving to students. The Association also collects a fee of 50 cents per semester to defray its expenses.

A small indemnity fee is charged for breakage in the laboratory.

Tuition in School of Music is found under description of that department.

Tuition in the School of Business is found under description of that department.

Diplomas. The fees for diplomas are as follows:

College or Music degree.....	\$5.00
Commercial Department, and others.....	2.50

Information Bureau. This bureau is designed to be of help to worthy young men and women who must obtain an education entirely or in part through self-help. It aims to bring the employer and employee together. The opportunities for earning support are many. The method is honorable and highly to be commended to young people of limited means but with a strong thirst for learning.

No young man or woman needs to live in this day of educational opportunities without a college education. For particulars, write to the Information Bureau, Jamestown College, Jamestown, N. D.

Athletics. The College stands for the extensive rather than the intensive principle in athletics, the object being to distribute the benefits of both athletic exercises and athletic spirit as widely as possible. Interscholastic games are limited by the Faculty to a reasonable number and interclass and department games encouraged. A member of the faculty accompanies the teams on their trips.

In the management of athletics there are three elements. The Faculty and the Student Association elect an Athletic Board, composed of student, alumni and faculty members. The faculty appoints from its number an Athletic Director, who is also a member of the Athletic Board. The Board has general control of athletics and the Director specific management of the details of athletic affairs.

Athletic letters are awarded on the recommendation of the Athletic Board as to games played, and of the Faculty as to scholarship and conduct.

Book Store. For the convenience of the students a book and supply store is conducted in Taber Hall, where books and all kinds of school supplies can be purchased.



VOORHEES CHAPEL AND MUSIC HALL



MEN'S DORMITORY

COLLEGE OF LIBERAL ARTS

(To secure prompt attention, all letters on college business should be addressed to Jamestown College, not to any individual or officer.)

General Requirements for Admission. Good character, and honorable dismissal from the school last attended. A willingness to conform to the requirements and ideals of the College is of course implied.

Preparation. Jamestown College is a member of the North Central Association of Colleges and Secondary Schools. The standard of preparation for admission is the same as that maintained by other strong colleges and the universities of North Dakota and the North Central states. It is based upon the policy of accepting the work actually done in the high schools and offering facilities, under proper regulation, for supplementing it where necessary.

Admission by Certificate. A certificate of the completion of 15 units from any standard American High School giving four years of work in advance of the eighth grade will admit the student to the Freshman class of Jamestown College, provided three of the units offered are in English (rhetoric, composition and classics) and one in algebra. In accordance with a general rule of colleges, 14 units admit conditionally. A unit will be understood to mean a subject pursued a year of 36 weeks or more at the rate of five recitations a week of 40 minutes each. Laboratory studies, including also such subjects as manual arts, drawing, and others, where much of the work must be done during the recitation, will be counted at the rate of two laboratory periods for one hour of recitation. Four units in vocational subjects, including agriculture, domestic science, manual arts or commercial subjects will be accepted. Such subjects as arithmetic, advanced penmanship, spelling and music will be counted as vocational. Certificates of credit should be mailed to the College early.

Preferred Subjects. Since many college courses are based on some preliminary work in like subjects, it will be greatly to the advantage of the student entering any college or university to be prepared in certain fundamental subjects; such as, Mathematics, two years in one Foreign Language, Science, Social Science and History. This matter should have attention early in the High School course.

Incomplete High Schools. A student who comes from a high school not recognized as a standard four-years high school, will receive entrance credit, without examination in such subjects as are

shown to have been pursued in a manner equivalent to the corresponding courses outlined in the High School Manual of the State of North Dakota. The usual evidence will be a certificate from the proper authorities of the school. **Such students may complete their High School work in Jamestown College Academy and enjoy many of the advantages of college life while doing so, since the Academy, though distinct in organization and management, is closely affiliated with the College. Those entering the Freshman class with 14 credits regularly make up the deficiency in the Academy, but in some instances, where it seems best, academy credit in place of college credit may be given for subjects taken in the College.**

Admission by Examination. A student who is not able to enter by certificate may receive entrance credit from the College by examination in any subject recognized as preliminary to a college of liberal arts courses provided he applies to the College for an examination and receives a passing mark.

College Credit for High School Work. This is difficult to secure, but if a student has more than sixteen acceptable High School units he may be given as many as six college credits for those beyond the sixteen. They count half as much in college as in High School. Whether excess High School credits are acceptable for college credit will depend upon the nature of the subjects, character of the High School, the grades of the student, and the length of time he spent in High School. Students are advised against trying to secure extra High School credits with the hope of obtaining college credits for them.

Advanced Standing. College credit will be given for work of college grade done in other colleges or in normal or technical schools of acknowledged good standing when properly certified.

Credit From Normal Schools. Students who have completed the one year professional course for High School graduates in an accredited normal school are allowed 30 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the two-year professional course for High School graduates in an accredited normal school are allowed 60 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the regular four-year or five-year normal course are given 15 and 45 semester hours respectively of advanced standing.

Selection of Studies. Students are to select: 1st, requirements in which they are deficient; 2nd, studies required for their class and major; 3rd, prerequisites to subjects which they are to take up

later; 4th, sufficient electives to complete their schedules. All student schedules must be approved by the Registrar, and by the Dean if he so desires. The maximum hours a student is permitted to take each semester is 16. For studies above the maximum, application must be made to the Scholarship Committee. This privilege will only be granted where evidence is given of special proficiency. Intensive work is aimed at, rather than extensive. All honors are based upon quality, not quantity.

Classification. A student of Jamestown College Academy may enter the college when he has completed the necessary number of units, having made the required arrangements in advance; but he must graduate from the Academy at the end of the year in which the transfer is made. College students may classify conditionally as Sophomores with a deficiency of 8 hours; Juniors, 6 hours; Seniors, 4 hours.

Summer School. A capable student may shorten his college course to less than four years by attending summer sessions; but he must announce his intention in advance. He will not be allowed to drift into the plan by over-scheduling. Here as elsewhere the policy of the college is to protect the interests of the student both as to scholarship and health. Seven college credits may be earned in a six weeks' summer school term.

Credit by Correspondence. A student who finds it necessary for reasons that meet the approval of the College may earn six credits by correspondence during his college course. This provision refers to genuine correspondence work, not in absentia work.

Majors. Majors are to be selected at the middle of the Sophomore year. A card will be furnished the student, which he is to fill out and deposit at the office. A major consists of from 24 to 30 hours in a department. Majors are offered in the departments of Biology, Chemistry, English, French, Greek, History, Latin, Mathematics, Physics, Religious Education, Romance Languages, Social Sciences. Each major must be approved by the Professor at the head of the department and by the Faculty. The head of a department is the educational advisor of students majoring in his department.

Regular Examinations. Written review tests are given at the regular recitation periods in the sixth and twelfth weeks of each semester. Their results constitute a part of the class grades. Semester examinations are given at the end of each semester on the entire work of the semester. The result counts one-third of the final mark, class grades constituting two-thirds of it.

Special Examinations. Special examinations will be given when necessary on account of late entrance, sickness, or other

unavoidable causes, or for the purpose of obtaining standing in subjects not regularly certified from other schools. A special examination may be granted to a conditioned student by the professor in the subject with the consent of the Dean, to be taken after the student has given the subject at least two weeks additional study under the conditions prescribed by the professor. For each special examination a fee of one dollar is charged, which must be paid in advance at the office.

Protracted Absence. A person allowed to enter late or to be absent for unavoidable reasons and expecting credit on all the semester's work, will be required to make up the work missed as rapidly as practicable under the guidance of the teacher and to take examination on it. Such examination shall not be regarded as excusing a student from examination on the complete work of the semester. The examination shall take place within six weeks, unless the absence occurs during the last month of the college year. In that case it may be held during the first month of the succeeding year.

Removal of Conditions. Conditions must be made up, in the way specified by the department concerned, within the succeeding semester. Permission to finish incomplete work may be given by a professor for sufficient reason, the time allowed to be determined by the professor but to be limited in any event to the succeeding six weeks of the student's attendance.

A student may not be enrolled for a new semester if he has failed in half of the work, counted in hours, in which he was regularly scheduled at the end of the preceding semester, unless permission be granted by special faculty action. When such permission is granted, the student is regarded as on probation, and may be dropped at any time by vote of the Faculty. A student who has been dropped may be reinstated at any time by vote of the Faculty, but ordinarily this will not be done until a semester has passed. Such a severance of a student's connection with the College is not regarded as a bar to his honorable dismissal to another institution. In case a student seems likely to fail in any subject at the end of a semester, a warning is to be issued, to both the student and his parents, not later than the twelfth week of the semester. This rule applies to all departments of the institution.

Graduation and Degrees. The College offers two baccalaureate degrees: Bachelor of Arts and Bachelor of Science. In order to give a well-balanced fundamental education to all graduates, the following requirements are made for degrees. The adjustment of electives furnishes abundant opportunity for specialization or for a wider culture:

English (1 and 2) required.....	6 credits
Foreign Language	12 "
History	6 "
Philosophy	3 "
Bible Subjects	8 "
Public Speaking	2 "
Psychology	5 "
Physical Culture	4 "
Social Science	6 "
Science	8 "
Electives	64 "

Total number of credits required for graduation.....124 "

NOTES. 1. Students offering a biological science for entrance will elect physics or chemistry; those offering physics or chemistry, a biological science.

2. Courses 1 and 2 (or 15 and 2) in Mathematics (8 hours) are required of all candidates for the B. S. degree, and course 15 of those Freshmen who offer but one unit of algebra for admission.

3. Some one foreign language must be pursued for at least three years including the work offered for admission, and amounting in the aggregate to at least 18 semester hours.

4. One major, as specified above, is required. Candidates for the B. S. degree must major in biological or physical science.

5. Credit will not be given for the first semester in a foreign language until a second semester has been successfully completed.

Teacher's Professional Certificate. Those who desire the teacher's diploma are required to take 16 hours of educational subjects, in accordance with the State requirements for a First Grade Professional certificate. This diploma entitles the holder to such a certificate without examination. See Department of Education.

Honor System. In addition to 124 credits required for graduation, 100 honor points are necessary. These are gained by high rank in regular studies and by faithfulness and efficiency in the special activities and enterprises of college life, such as literary, society work, participation in public programs, success in contests, and the earning athletic letters. An honor roll containing the names of students reaching a specified average grade is posted at the close of each semester.

Graduation Honors. Final honors are awarded to college graduates for high standard of excellence, scholastically, throughout their college course. The special mention will be attached to the diplomas in the usual form according to the degree of excellence attained, such as Cum Laude, Magna Cum Laude, etc.

DESCRIPTION OF COURSES

Courses are arranged under the various department heads in the catalogue in the order of difficulty, as far as may be, beginning with the most elementary. Departments are arranged alphabetically. Three-hour courses regularly recite on Mondays, Wednesdays and Fridays; two-hour courses on Tuesdays and Thursdays.

Odd number courses are regularly given in the first semester, and those bearing an even number in the second semester. An odd and an even number connected by a hyphen means that the course continues throughout the year. The number of hours specified indicates the number of semester credits, not necessarily the actual recitation and laboratory time, though these usually correspond closely to the number of credits. A class in a subject will not usually be offered for fewer than five applicants. In accord with a general custom some of the more advanced courses are offered in alternate years.

ART EDUCATION

Courses are given under private instruction. Terms given upon application.

ASTRONOMY

1. Introductory Descriptive Astronomy. 3 hours

Howe's elements used as a text. This course may be taken by students who have had no mathematics beyond the preparatory courses, but a knowledge of trigonometry will greatly aid the student. The student will be expected to familiarize himself with the more important constellations, and with the American Ephemeris and like publications.

2. Advanced Astronomy. 3 hours

Young's General Astronomy as a text. Plain trigonometry and a good knowledge of physics are necessary. This is a more mathematical course than 1. Such a course as 1 prerequisite.

DEPARTMENT OF BIOLOGY

1. **Invertebrate Zoology.** Beginning with the protozoa, a systematic study is made of type forms of all the phylums up to the vertebrate. The work consists of recitations, quizzes, lectures, and laboratory work. Open to all college students. Four hours.

2. **Vertebrate Zoology.** This is a continuation of Course 1 where the higher animals are studied. Physiology and economic importance are emphasized along with morphology. Four hours.

3. **Botany.** This is a study of the structure and physiology of the seed plants. The department is amply supplied with instru-

ments and equipment to demonstrate germination, respiration, transpiration, photosynthesis, growth, etc. Text book, lectures, field work and laboratory experiments. Four hours.

4. Botany. Evolution of the Plant Kingdom. The four great groups of plants, thallophytes, bryophytes, pteridophytes, and spermatophytes, are studied in turn with laboratory work on type forms. The department is equipped with Bausch and Lomb microscopes so that individual laboratory work is done. Four hours.

***5. Physiology and Personal Hygiene.** A study of the structure, functions, and care of the human organism. Text book and laboratory work. Courses 1 and 2 are prerequisite. A student should also have some chemistry.

****6. Public Hygiene and Sanitation.** On causes and prevention of diseases; public health; handling of foods; milk supply; water supply; proper housing, and kindred topics. Lectures, reference work and text book. 2 hours.

****8. Evolution and Heredity.** A study of the theory of Evolution, the theory of Genetics, Mendals Law, etc. Prerequisite—Courses 1 and 2 or Courses 3 and 4. Two hours.

***9. Anatomy and Histology.** This is a course for those who may want to do more extensive work in dissecting the mammal than is done in Course 2. A thorough dissection of the cat or rabbit is made. Tissues and organs are prepared for microscopic study. Courses 1 and 2 prerequisite. Three hours.

10. Bacteriology. This is a general course in bacteriology and should be of interest to any student. Courses 1 and 2 or Courses 3 and 4 are prerequisite. Three hours.

*For the present, Courses 5 and 9 will alternate.

**For the present, Courses 6 and 8 will alternate with Course 10.

CHEMISTRY

1. Inorganic Chemistry. 4 hours

This is an introductory course in chemistry, open to all college students. The work progresses more rapidly than is the case when taken in secondary school texts. McPherson and Henderson's Advanced Course in Inorganic Chemistry is used as a basis of the course. A laboratory manual is used as a guide in the required laboratory work of the course.

2. Advanced Inorganic Chemistry. 4 hours

This is the natural continuation of Course 1. It may also be elected by those who have had a year of secondary school chemistry. Experiments, many of which are quantitative, are worked in the

laboratory, and these are supplemented with lectures and quizzes. The latter part of the course is an introduction to Qualitative Analysis. For this reason the student will make the tests and establish for himself the groups used in analysis.

3. Quantitative Analysis.

5 hours

A thorough course in inorganic chemistry is prerequisite. The work is mainly in the laboratory, but a sufficient number of laboratory periods will be given to enable the student to do the work of the laboratory in an effective manner. The first part of the work is confined to the metals, but as the student becomes prepared for this, work will be given in the acidic elements. Unknown substances will be analyzed constantly.

4. Quantitative Analysis.

5 hours

Course 3 is prerequisite. The laboratory work consists of determinations of single elements by approved methods. The lectures will consist largely of discussions of approved methods of analysis and quizzes as to laboratory results. In addition to what has been described, problems of a practical and commercial nature will be discussed and worked in the laboratory.

5. Organic Chemistry.

3 hours

Recitations, lectures and discussions of subjects in organic chemistry. Laboratory work. A text will be followed. Inorganic chemistry is prerequisite.

6. Advanced Organic Chemistry.

3 hours

This course will be given by special arrangement. Course 5 is prerequisite. It continues the theoretical work and laboratory work of that course. It comprises also some work in organic analysis.

7. Water Analysis.

5 hours

This is a practical and theoretical course in the chemical analysis of water. This may also be co-ordinated with bacteriological analysis of water. The student who so desires may apply his knowledge of chemistry to this field of commercial application of chemistry. The hours of credit noted above may be adjusted to the needs of the student. Thus credit may be reduced.

8. Applied Chemistry.

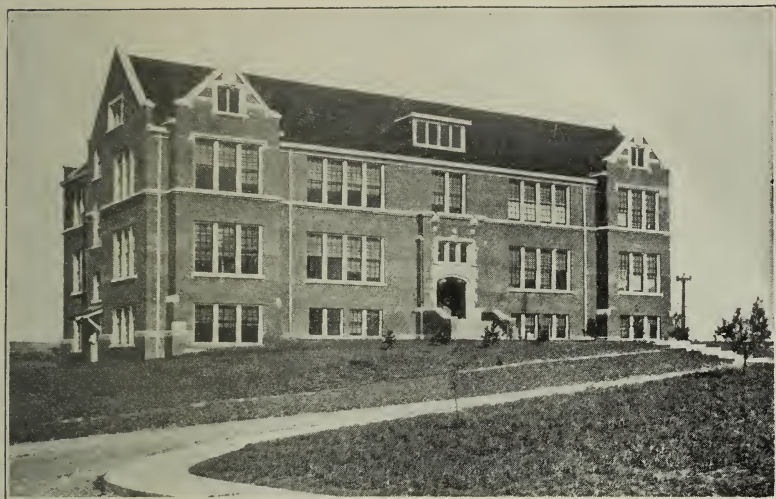
3 hours

This course is based on a text and will examine the applications which may be made of chemistry in daily life and in commercial life. Introductory chemistry is prerequisite, but the course may be elected by those who have not had chemistry beyond the general courses.

9. Chemical Calculations.

2 hours

A course is offered in the computations and calculations of chem-



TABER SCIENCE HALL



SANFORD DORMITORY

istry. It is in part a review of some of the laws of the science. It aims to acquaint the student with the use of the slide-rule and with logarithms for chemical purposes.

10. History of Chemistry. 2 hours

A course offered to those who have had sufficient preparation, for the purpose of co-ordinating their previous study of chemical principles and discoveries. Not given every year.

The attention of the student is called to the pre-medical nature of several of the courses above. Those interested in pre-medical work should advise freely with the Department of Chemistry relative to the order of the courses.

EDUCATION

See Department of Education where courses in Education and Teaching are listed and described.

ENGLISH LANGUAGE AND LITERATURE

1-2. Composition. 3 hours

First Semester: Letter Writing and Exposition. Considerable emphasis is placed on the study of paragraphs, sentences and words.

Second Semester: Description and Narration. One novel and a volume of short stories are read for illustrative purposes. Frequent short themes and one long theme in each semester.

Required of all Freshmen.

3-4. Outline of English Literature. 3 hours

First Semester: Beginning of English Literature to the 18th Century.

Second Semester: English Literature from the 18th Century to the present. Lectures, collateral reading, discussion.

Elective for Sophomores, Juniors and Seniors. Alternates with Course 13-14. Not offered in 1919-1920.

5-6. Shakespeare. 3 hours

A study in chronological order of all of Shakespeare's plays.

First Semester: A study of the formative and comic periods of his career ending about 1601.

Second Semester: Tragedy and romance. Text-book, lectures, discussions.

Elective for Juniors and Seniors. Alternates with Course 7-8.

7-8. Nineteenth Century Poetry. 3 hours

First Semester: A study of the representative works of Wordsworth, Scott, Coleridge, Byron, Shelly, Keats.

Second Semester: A detailed study of the poems of Tennyson and Browning. Lectures, collateral reading, discussions.

Elective for Juniors and Seniors. Alternates with Course 5-6. Not offered in 1919-1920.

9-10. Development of the English Novel. 3 hours

First Semester: A study of the English novel from the Elizabethan beginnings to and including Dickens, Thackeray, George Elliot.

Second Semester: Development of the Modern Novel. England, France, Russia, Scandinavia, Germany, Italy and Spain. Lectures, assigned readings, reports and discussions.

Elective for Juniors and Seniors. Alternates with Course 11-12. Not offered in 1919-1920.

11-12. Development of the English Drama. 3 hours

First Semester: A study of the development of the English Drama from the crude beginnings in the miracle and morality plays through the Elizabethan Age.

Second Semester: A study of Modern Drama. Goldsmith, Sheridan, Tennyson, Browning, Shaw, Ibsen, Hauptmann, Sudermann, Maeterlinck. Lectures, assigned readings, reports, and discussions.

Elective for Juniors and Seniors. Alternates with Course 9-10.

13-14. American Literature. 3 hours

A detailed study of prose and poetry of America from the beginning to the present. During the course special emphasis will be placed on the American Short Story. Text book, lectures, assigned readings, discussions.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 3-4.

15. Argumentation. 2 hours

Primarily a thought course. A detailed study of the theory and practice of Argumentation applied to topics of interest and importance. A semester forensic is required. Text-book discussions, reports.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 17. Not offered in 1919-1920.

16. Teachers' English. 2 hours

A course for those who expect to teach English. The high school course in English is reviewed. Practice teaching, lectures, discussions.

Elective for Juniors and Seniors. Alternates with Course 18. Not offered in 1919-1920.

17-18. The Essay. 2 hours

First Semester: A study of the development and types of the English Essay from both the literary and rhetorical points of view.

Second Semester: A study of the modern American Essay as illustrated in the various better magazines and publications. Lectures, collateral reading, reports and discussions.

Elective for Juniors and seniors. Alternates with Course 15-16.

EXPRESSION

See Department of Oratory and Dramatic Art.

FRENCH

The courses of study in French are designed to afford a high degree of literary culture, as well as to impart a thorough training in the grammar and linguistics of the language.

All the courses are conducted chiefly in French; also the Cortina phonograph method is used to train the student in the hearing and making of French sounds; and as an aid to phonetic instruction.

Attention is called to the rule that "credit will not be given for the first semester of a foreign language until a second semester has been successfully completed."

1. Beginners' Course. 4 hours

Fraser and Squair's French Grammar, Part 1, will be completed. Talbot "Le Francais et sa Patrie" will be read in class.

2. Continuation of Course 1. 4 hours

Composition work from the grammar once per week. Reading, translation and conversation. Text book: "French Short Stories," Buffum; "Le Voyage de Monsieur Perrichon," Labiche et Martin.

3. French Literature. 3 hours

Readings of the following texts or their equivalents with written summaries, translation and conversation based on them:

"Barbier de Seville," Beaumarchais; "Les Trois Mousquetaires," Dumas; "Le Cure de Tours," Balzac; "Colomba," Merimee; "Les Miserables," Hugo. Composition once a week—Koren, "French Composition."

NOTE—Prerequisite: Courses 1 and 2 or two years of High School French.

4. Composition and Literature. 3 hours

Reading and discussion of the following texts: "Le Juif Polonais," Erckmann-Chatrian; "Le Malade Imaginaire," Moliere; "Picciola," Saintine.

5. Eighteenth Century Literature **3 hours**

Study of the historical setting, and the history of the literature with Fortier's "Histoire de la Litterature Francaise" as a basic text. Rapid reading of masterpieces by Voltaire, Rousseau, LeSage and Beaumarchais.

6. Nineteenth Century Literature **3 hours**

A survey of the different literary movements of the nineteenth century in France, their causes and effects. Recitations based on Fortier's "Sept Grands Auteurs." Rapid reading of representative texts, with special emphasis on drama and poetry. Outside reading and reports.

7. Seventeenth Century Literature and History **3 hours**

Particular attention is given to the social and historical setting. Student reports on topics connected therewith, also oral summaries of works read outside. Representative works of the following authors will be read and discussed: Moliere, Corneille, Racine, La Fontaine, and Mme Lafayette. Recitation in French once per week from Fortier's "La Litterature Francaise."

8. Outline Course in French Literature **3 hours**

Much attention is given to the Literary Monuments of the Old French Period. Chanson de Roland; Aucassin et Nicolette, etc. Reading of some Renaissance work. Some Nineteenth Century reading with special emphasis on the novel.

NOTE—Courses 7 and 8 are not given during 1920-1921, as they alternate with Courses 5 and 6.

9. Teachers' Course **2 hours**

(Minimum prerequisite Courses 1, 2, 3 and 4).

Free composition on assigned topics; systematic review of grammar; phonetics; discussion of texts and methods of teaching. Much practice in French conversation.

All students who expect to teach French and wish a recommendation from the Department must take at least one Teachers' Course.

10. Teachers' Course (advanced) **2 hours**

Study of French Civilization and History as a background for the teaching of French.

Free composition on assigned masterpieces of French literature. Practice in conversation based on "French Daily Life."

NOTE—Courses 9 and 10 count towards the 16 hours Education Requirement.

The Department furnishes French daily papers and illustrated

monthly magazines to be used by the students and by the Cercle Francais.

Major. A major in French usually requires continuous work in the language throughout the college course, unless French is presented upon entrance. A teaching major must not be less than twenty-eight hours.

GEOLOGY

1. Dynamic and Structural Geology 3 hours

Chamberlain and Salisbury used as text. Special readings and reports from the publications of the United States Geological Survey, and from other publications of similar character. The course will be carried into historical geology by means of lectures with the lantern. As much field work as feasible will be done. It is the aim of the course to cover the subject in a manner to give it value as an introduction to further work and as a study for general culture and information.

2. Historical Geology. 3 hours

A more intensive study of some of the topics introduced in Course I. Folios of the United States Geological Survey used largely for reference. The course may be elected to follow Course 1 immediately or at somewhat later date.

3. Economic Geology. 3 hours

A course which presents geological facts as they influence commercial and economic conditions. Given by arrangement, on application.

4. Meteorology. 3 hours

A course in meteorology and the phenomena of climate. Given by special arrangement with the instructor.

GERMAN

1. Drill Course. 3 hours

Rapid reading of modern texts with oral and written reproduction. Moser, *Der Bibliotekar*; Meyer, "Der Schuss von der Kanzel"; Lessing, "Minna von Barnhelm." Composition once a week on Paul Bacon's "German Composition."

2. Classic Period. 3 hours

Goethe and Schiller, "Jungfrau von Orleans"; Goethe, "Hermann and Dorothea." Continuation of weekly composition.

3. Modern Literature. 3 hours

Suderman, "Frau Sorge"; Hauptman, "Die Versaunkene Glocke"; Fulda, "Der Talisman." Composition based on Pope's "German Composition."

- 4. Lessing. Continuation of Composition. 3 hours**
 "Nathan der Wiese," "Emilia Golotti," Lessing's Dramatic Theory.
- 5. Introduction to German Literature. 3 hours**
 Main movements and products of the national literature. Assigned readings and informal lectures.
- 6. Schiller. 3 hours**
 "Wallenstein." Discussions of the causes of the Thirty Years' War and its effects upon Europe. Comparison of the real Wallenstein with Schiller's idealized hero.

GREEK

- 1-2. Elementary Greek. 4 hours**
 In the grammar, stress is placed upon the mastery of inflections, sentence structure and idiomatic usages. Constant drill in oral and written exercises. Xenophon's "Anabasis," first book, with careful drill in construction, accompanied by prose based on text.
- 3. Xenophon. 4 hours**
 "Anabasis," books 2, 3 and 4. Syntax and composition, the same as Course 2. Prerequisite—Courses 1 and 2.
- 4. Homer. 3 hours**
 "Iliad." Three to six books, or selections equivalent. Study of the life of the Homeric Age, constant practice in the reading of the verse. Particular attention paid to Homeric forms. Prerequisite—Course 3.
- 5. Greek Philosophy. 3 hours**
 Plato's "Apology" and "Crito," with selected passages from Xenophon's "Memorabilia." History of Greek Philosophy. Prerequisite—Courses 1, 2, 3 and 4.
- 6. Homer's "Odyssey." 3 hours**
 Six to nine books. Rapid reading of verse. Style. Homeric forms and metrical peculiarities carefully studied. Prerequisite—Courses 1, 2, 3 and 4.
- 7. Introduction to Greek Tragedy. 3 hours**
 One play each selected from Sophocles and Euripides studied critically. Origin and history of the Attic Drama. Prerequisite—Courses 4 and 5.
- 8. Oratory. 3 hours**
 Demosthenes' "Corona" and selections from Lysias. Study of style, method and matter of the orations. Informal treatment of the political career of Demosthenes. Prerequisite—Courses 1 and 2

9. History of Greek Literature. 3 hours

Informal lectures. (May be taken by students who do not read Greek.) Elective.

10. Greek Comedy. 3 hours

Intensive study of the "Clouds" of Aristophanes. Study of development of old and new comedy. Elective. Prerequisite—Course 4.

11. New Testament Greek. 3 hours

HISTORY

1. General History. The Ancient Period. 3 hours

The design of this general course is to give a working knowledge of the outlines of history and to lay a solid foundation for later specialization. Lectures, readings, discussions, etc., with especial emphasis on thorough class-room work.

2. General History. The Mediaeval and Early Modern Periods. 3 hours

Continuation of Course 1.

3-4. General History. The Modern Period. 3 hours

Following Courses 1 and 2. A careful study of the modern period, from the age of Louis XIV until the present time. Special stress laid upon the great national movements of the nineteenth century, with discussion of modern European politics. Methods as above.

5-6. English History. 3 hours

This course traces the period of the origin and growth of English nationality. The work requires investigation of secondary and original sources, and the preparation of papers.

7-8. American History. 3 hours

Constitutional development is especially emphasized, with attention to current events and historical methods. This course alternates with that in English history.

9-10. Ancient History. 2 hours

This course plans a detached study of Greek and Roman history, from the earliest times to the fall of the Western Empire. All phases of the ancient civilization are carefully noted. Individual research, papers, etc., required.

11-12. Current History. 2 hours

This is a course in the study of contemporaneous events, both at home and abroad, with brief reviews of most recent history where such knowledge is requisite. Individual research is the method employed, with lectures, etc.

LATIN

1. Cicero and Terence. 3 hours

Cicero, "De Senectute" or "De Amicitia" or both. Latin composition at sight and hearing. Terence, "Phormio." Introduction to Latin comedy.

2. Livy. 3 hours

Selections from books 1, 2, 21 and 22. Study of the Roman monarchy, the rise and growth of Roman institutions and the period of the Punic wars. Prose at sight and hearing. Prerequisite—Course 1.

3. Horace. 3 hours

Odes and Satires. The characteristic of the Ode and Satire, the different meters, with practice in the reading of verse and Horace's philosophy of life will be studied with care.

4. Horace. 3 hours

"Ars Poetica." Tacitus. "Agricola" and "Germania." Content and style studied. Rapid reading of Latin aloud. Prerequisite—Course 3.

5. Latin Comedy. 3 hours

The plays of Plautus and Terence. Detail study of one or two plays of each. Early Latin forms, syntax, versification and relation of the plays to Greek originals. Prerequisite—Course 4.

6. Teachers' Course. 3 hours

Pronunciation and reading of prose and verse, with rapid study of syntax and principles of Latin order. Selections read from academy and high school texts. Prerequisite—Courses 1, 2, 3 and 4.

7-8. Roman Private Life. 2 hours

A study of the daily life, customs, art, and architecture of the Roman people. Illustrated where possible. May be taken as a literary or history course by those having had little or no work in Latin. Text suggested, "Johnson's Roman Private Life."

9-10. Myth Course. 2 hours

A study of Latin, Greek, Egyptian, Scandinavian, German and other myths. No Latin required. Essentially a literary course. Illustrated where possible. Text, "Bullfinch's Age of Fable." All students are advised to elect this work at some time in their course.

11. Cicero's Letters. 2 hours

Political character and history of the times, with Cicero's own political principles, philosophy and conduct. Also selections from letters of Pliny, with study of early empire. Comparison of the



SANFORD DORMITORY VIEWS

1 The Building. 2 Reception Room. 3 Dining Hall. 4 Stair Case.
5 Open Parlor. 6 Laundry. 7 Girl's Single Room. 8 The Entrance.
9 Girls' Double Room. 10 Studio. 11 The Office of Preceptress.

closing years of the Republic and the early empire. Prerequisite—Courses 1 and 2.

12. Roman Oratory. 2 hours

Cicero. "De Oratore" and selections from other works on oratory studied. Prerequisite—Courses 1 and 2.

13. Lucretius. 2 hours

"De Rerum Natura." Literary study and rapid reading of verse. Prerequisite—Course 4.

14. Roman Philosophy. 2 hours

Cicero "Tusculanae Disputationes." Prerequisite—Course 7.

15. History of Roman Literature. 2 hours

General survey through informal papers and topical reports. Prerequisite—Courses 1 to 4.

16. Latin Elegiac Poetry. 2 hours

Selections from Catullus and others.

17. Roman Satire. 3 hours

Selections from Horace and Juvenal's Literary Art, and portrayal of Roman society of the period.

18. Livy Prose. 2 hours

Based on Book XXI, with selections from other books. Prerequisite—Course 1.

MATHEMATICS

Students expecting to take a course in engineering should take Courses 1, 2, 3, 4, 8, 9, 11, and 12.

Students intending to teach Mathematics in High School should elect at least 15 hours from the following courses: 1, 2, 3, 8, 10, 11, and 13.

Students studying Mathematics for its cultural and educational value, will do well to take courses 1 or 15, 2, 3, and 11.

1. College Algebra. 5 hours

A thorough review of the Elementary Principles of Algebra, with the more advanced topics, such as Mathematical Induction, Permutations, Combinations, Theory of Equations, Partial Fractions, Series, etc. Prerequisites—One and one-half years of Algebra and one year of Plane Geometry. See Mathematics 15, a course in College Algebra where only one year of High School Algebra has been had.

2. Plane Trigonometry. 3 hours

The theory and use of Logarithms; the development and applications of the general formulas of trigonometry; the solutions for

right and oblique triangles, with problems of practical application. Prerequisites—Mathematics 1 or 15, and one-half year of Solid Geometry. Provided that Mathematics 14 may be taken simultaneously with this course in lieu of the Solid Geometry requirement.

3. Plane Analytic Geometry. 3 hours

Systems of co-ordinates; the relations of equations and their loci; standard equations with their general properties, numerical problems and applications. Prerequisites—Mathematics 2.

4. Solid Analytic Geometry. 3 hours

Co-ordinates in space, straight lines and planes, special surfaces and tangents. Prerequisite—Mathematics 3.

5. Mathematical Theory of Investment. 3 hours

This is especially valuable for students of business and public affairs. It deals with the mathematics of simple and compound interest, annuities, amortization of debts, valuation of bonds, sinking funds and depreciation of property, building and loan associations, life insurance, etc. Prerequisite—Mathematics 2.

6. Spherical Trigonometry 2 hours

Geometrical principles, solution of right and oblique spherical triangles with problems of practical application. Prerequisite—Mathematics 2.

8. Mechanical Drawing. 2 hours

Instruction in the use of instruments. Geometrical problems, orthographic projective and development of surfaces.

9. Surveying. 3 hours

A theoretical and practical course in land surveying, topographical surveying, leveling, calculation of areas and computation of earthwork. Prerequisites—Mathematics 2. Given odd-numbered years, alternating with Course 10.

10. Elementary Mechanics. 3 hours

This course treats of the action and effect of forces on matter and the laws governing the movements and equilibrium of bodies. Open to those who offer Physics for entrance. Prerequisite—Mathematics 2. Given even-numbered years, alternating with Course 9.

11. Differential Calculus. 3 hours

Rules and formulae of differentiation, expansion of functions, indeterminate forms and applications. Prerequisites—Mathematics 3 and 4.

12. Integral Calculus. 3 hours

Principles of integration and their application to curves, areas, volumes, etc. Prerequisite—Mathematics 11.

13. History and Teaching of Mathematics. 2 hours

A brief study of the History of Mathematics and discussion of the object and method of teaching Mathematics in the High School. (See Course 11 under Education.) Given odd-numbered years.

14. Solid Geometry. 2 hours

A brief course for those who do not offer Solid Geometry as an entrance requirement. Required of those majoring in Mathematics.

15. Advanced Algebra. 5 hours

A review of High School Algebra, with advanced topics of college grade. This course is intended to accommodate Freshmen who offer but one unit of algebra for entrance. This course will count for only three hours toward a major in mathematics. Prerequisites—One year of algebra and one year of plane geometry.

MUSIC

The following College credits are given for work in the Musical department: Harmony I, 2; Harmony II, 2; Harmony III, 2; Theory IV, 2; Ear Training, 1; Sight Singing, 1; History of Fine Arts, 2.

For courses, see Department of Music.

A maximum of eight College credits for Practical Music may be given to students in music who have taken at least four years. Special Faculty action is necessary for work done prior to 1916-1917.

Glee Clubs, Band, Orchestra and other musical organizations are maintained in the College. Jamestown is one of the principal stations on the transcontinental route for entertainment companies, and therefore furnishes the highest grade of talent in its public entertainments. The musical element in College life is decidedly strong.

PHILOSOPHY

The courses in the Department of Philosophy are open to students after they have completed their freshman year. A text is generally used, but frequent lectures are given. It is designed to not only give the development of philosophic thought, but also to cultivate the ability of independent thinking and philosophizing.

1. Psychology (beginners' course). 3 hours

Structure and biological function of the nervous system studied, and the laws of mental growth and action considered. This implies the study as a natural science. Some knowledge of Biology presupposed.

2. Psychology (advanced course). 3 hours

Study of the origin and evolution of behavior. This course will

begin with the consideration of the theories of the origin and evolution of species, and will lead up to an introspective study of human behavior. Prerequisite—Equivalent of Course 1.

3. Logic. 3 hours

Deductive, with a practical treatment of inductive reasoning. Practice is given in sound reasoning and argumentation.

4. Ethics. 3 hours

The careful study of the leading systems of ethics, with an endeavor to discover the true basis of obligation and the fundamental principles of moral conduct. Lectures are given and texts used.

5-6. History of Philosophy. 3 hours

History of Ancient, Mediaeval, and Modern Philosophy. A survey of Greek, Roman, patristic, and modern speculative thought. Texts and lectures. Critical readings from Plato's Republic; Aristotle's Metaphysics; Descartes' Meditations; Locke's Essays on the Human Understanding; Berkeley's Principles of Human Knowledge; Hume's Treatise on Human Nature; and Kant's Critique of Pure Reason.

8. Movement of Thought in the 19th Century. 2 hours

Special course. Course 5 is prerequisite. The leading speculative theories of the past century are critically analyzed. Philosophical investigation and philosophizing are cultivated.

PHYSICS

1. Introductory Physics. 4 hours

It is not possible for all students to have pursued introductory courses in Physics. Introductory courses more advanced in scope than secondary physics are here given. It is expected that students who desire an acquaintance with the subject equivalent to what has been known for years as "College Physics" will continue in some of the later courses.

Mechanics and Sound. Lectures, demonstrations, and note-book work. Mathematical preparation should include all the secondary school algebra and plane geometry.

2. Introductory Physics (continued). 4 hours

In general, the student who begins Course 1 is expected to continue through 2. The method of the course is the same as that of 1.

3. Advanced Physics. 5 hours

Mechanics, Sound, Heat. This is the first course in advanced physics. Mathematical courses, through college algebra and trigonometry and introductory physics are required. Courses 1 and 2 com-

prise a year of continuous work, but credit will be given for a single course.

4 . Advanced Physics.

5 hours

Light, Magnetism and Electricity. Continuation of Course 1. Course 1 prerequisite.

5. Special Experimental Course.

3 hours

A course designed to give the student an opportunity to work with apparatus requiring careful manipulation. Courses 1 and 2 are prerequisite.

6. Mechanics.

3 hours

A problem course for which credit will be given as a course in science. For further description, see Mechanics course under Mathematics.

PUBLIC SPEAKING

See Department of Oratory and Dramatic Art.

RELIGIOUS EDUCATION AND SUNDAY SCHOOL METHODS

This department has made a substantial development. Always first must come Bible study. The incomparable character of the Bible and its acknowledged effect on spiritual growth render an opportunity to know it thoroughly a privilege to be sought and welcomed. The courses below recognize the value of the Bible both as history and literature, and in impressing religious truth. In them, interpretation of the Bible is from a point of view positively Christian and intelligently conservative. The same standard of scholarship is maintained here as in other departments. Thorough preparation and careful work are required. A student who has faithfully pursued these courses may feel assured of a good knowledge of the Bible. But in view of the increasing demand for trained Christian leadership in the Sunday school and in various forms of lay activity, the Department offers certain other courses, specified below, that will fit students for such service. Such courses are open to persons not regular students.

1-2. Problems and Discussions in the Old Testament.

2 hours

The stress will not be laid on the mere narrative, but the attempt will be made to handle the difficulties and to give a thorough knowledge of Hebrew History and the development of the Kingdom of God up to the coming of Jesus Christ. Lectures and discussions, with assigned readings and papers.

3. Hebrew Prophecy.

2 hours

A study of the Prophets and their messages.

- 4. Problems and Discussions in the Life of Christ. 2 hours**
 This course is based on the Gospels as arranged in Stevens' and Burton's Harmony and the same methods as in Courses 1 and 2 are employed.
- 5. Apostolic Church History. 2 hours**
 A general course on the beginning of Christianity, and the history of the Church during the first century.
- 6. History of the Bible. 2 hours**
 A course taking up questions of authorship, scope, environment, etc., of the books of the Bible; textual criticism, the Canon, versions, etc.; and especially the history of the English Bible.
- 7-8. Church History. 2 hours**
 A rapid review of the development of the Ancient and the Mediaeval Church, followed by a fuller course on the modern period.
- 9. A History of Missions. 2 hours**
 A study of the world-wide spread of Christianity and the Christian civilization, especially in modern times.
- 10. Comparative Religion. 2 hours**
 A study of other faiths, especially of the great ethnic religions with which Foreign Missions deal.
- 11. Literary Study of the Bible. 2 hours**
 This course will use Moulton's Introduction to the Study of the Bible.
- 12. Theism and the Evidences of Christianity. 2 hours**
 A general course on these subjects, based on a text-book, with free discussions and constant reference to Scripture.
- 13. Christian Theology. 2 hours**
 A brief outline for lay workers. Lectures, readings, etc.
- 14. Social Principles of Jesus. 2 hours**
 A study of the relations of the principles laid down by Jesus to modern social problems.
- 15. The Sunday School and Its Methods. 2 hours**
 A text-book is used, with lectures, discussions, and papers. The aim is to make this work a practical training with constant reference to present-day needs.
- 16. The Sunday School Teacher. 2 hours**
 A practical course on the work of the teacher, with a study of child psychology.

17-18. New Testament Exegesis.

2 hours

A Gospel and an Epistle for critical study.

SOCIAL SCIENCES

This department comprises Sociology, Economics, Political Science, and International Law. These sciences are of vital importance because they involve direct application of all scholarship and intellectual power to the practical problems of life, especially on its public side; and also because their study, investigation, and discussion furnish an especially effective drill in the methods of thought by which the public questions of the time (so pressing at present) are to be understood and appreciated. No educated citizen of a free country facing what America faces today can afford to lack a thorough grounding in the social sciences as a fundamental element in his college training. A growing appreciation of this fact accounts for the rapid increase in interest in these subjects in colleges in recent years.

1. American Government.

3 hours

An advanced study of the government of the United States as a basis of comparison with other modern governments and especially from the point of view of the origin and development of modern democracy. Especial attention is given to the actual working out in practice of our federal representative system through supra-constitutional and extra-legal devices. Current applications are made.

2. Elements of Political Science.

3 hours

The origin, nature, forms and functions of the State; a comparative study of modern governments, including new governments and the League of Nations.

3. International Law

3 hours

A general introductory course considering the subject historically and giving special attention to current topics and development.

5. Elementary Economics.

3 hours

The text book is supplemented by informal discussions and research work. Much practice and concrete problems. Attention is given to current events illustrating economic principles.

6. Economic Principles and Problems.

3 hours

This course may be taken as a continuation of Course 5. It gives a more advanced presentation of the principles of economics and discusses their application to practical problems, including public finance and taxation.

7. Applied Economics. 2 hours

Selected problems are discussed, differing in different years, always in a very concrete way and with much attention to current applications, internationally, nationally, and locally.

9. Principles of Sociology. 3 hours

The relations of Sociology to the other social sciences; the realities that make up the general life of a people; customs, institutions, social classes and castes; social control, social genesis, social values and ideals.

10. Principles and Problems of Sociology. 3 hours

This course may be pursued as a continuation of Course 9. It presents further discussion of principles and additional applications to social problems.

12. Applied Sociology 2 hours

Various applications of the facts and principles of sociology to concrete problems are considered, different selections being made in succeeding years. Current applications and local and State conditions receive special attention.

SPANISH

1. Elementary Spanish. 4 hours

The object of this course is to give a working knowledge of the fundamentals of Spanish grammar, a speaking command of simply idiomatic Spanish, and a basis for literary study. Text books: De Vitis Spanish Grammar, and De Vitis "Spanish Life"; Morrison: "Tres Comedias Modernas"; Alarcon: "El Sombrero de Tres Picos."

2. Continuation of Course 1. 4 hours

3. Reading, Composition and Conversation. 3 hours

(Open to students who have completed Courses 1 and 2 or have 8 hours credit in Spanish).

Basis of written work and conversation: Warshaw, "Spanish-American Composition Book"; reading of representative plays and novels with brief resume of the history of Spanish Literature.

Becquer, "Cuentos Cortos"; Galdos, "Dona Perfecta"; Gutierrez, "El Trovador"; Cervantes, "Selections from Don Quixote."

Also a Spanish magazine, "El Boletin de la Union Pan-Americana," will be used for class work.

4. Continuation of 3. 3 hours

5. Spanish Literature 3 hours

History of the Literature based on Ford's "Outlines of Spanish



THE LIBRARY HALL



INTERIOR OF LIBRARY HALL

Literature." Reading especially centered on the literature of the Golden Age. "Selections from Don Quixote" (Heath & Co.). Representative plays by Lope de Vega, Ruiz de Alarcon, Calderon, Tirso de Molina.

6. Spanish-American Culture and Literature **3 hours**

This course will begin with a study of the history and literature of the Revolutionary Period in South America. Coester's "Literary History of Spanish America" will be the basis of the study of the authors. Works from such authors as Jorge Isaacs, Jose Marmol, Ruben Dario will be read in Spanish. Also the magazine "Inter-America" will be used.

7. Teachers' Course **2 hours**

A study of the development of the Spanish language and racial influences upon it. Survey of current text-books and their values. Wilkins' "Spanish Methods in High School" will be a basis of recitation. Students in this course will be asked to conduct recitations occasionally.

8. Spanish Conversation **1 hour**

Conversational work will be based on the Cortina phonograph method. Students will converse on assigned topics. This course is open to students who have completed Courses 1 and 2, or students of special proficiency who are taking Course 1.

Major—The major in Romance Languages—French and Spanish—is to be recommended, as there is a great demand for this combination. The requirement is French 22 hours and Spanish 16 hours.

DEPARTMENT OF EDUCATION

Aims of the department: First, to offer to such students as may desire to qualify for the first grade professional certificate a group of Educational courses from which a selection totaling at least 16 hours can be made that will, upon his receiving his degree, entitle him to such certificate. The work here outlined conforms to the requirements of Section 871 of the General Laws of North Dakota. Second, to offer to qualified students every possible assistance in securing teaching positions.

COURSES

1. Introduction to the Study of Education... 2 hours

This course is designed to introduce the student to the scientific study of Education. Text-book, collateral readings, observations and reports. Required of all students majoring in Education or seeking certification in North Dakota.

2. History of Education 3 hours

An attempt to acquaint the student with the vital facts in the History of Education, with a distribution of emphasis according to their relative importance. Text-book, lectures and reports.

3. Educational Psychology 3 hours

An introductory course that treats the fundamental psychological problems that underlie successful class-room and administrative methods. The nature of the child and the nature of the adolescent are considered in relation to school-work. Text-book, lectures and collateral readings. Prerequisite, Philosophy 1.

4. Educational Tests and Measurements 3 hours

This course is designed to acquaint the student with standard educational tests, their literature, method and growing use in the educational field, and to give him some experience in giving tests and scoring results. The course is vital to all students expecting to be associated with administrators who use modern methods. Text-book, lectures and reports. Prerequisite—5 hours of Education.

5. Intelligence Tests 3 hours

A brief survey of the literature in this field will be made. An intensive study will be made of some chosen scale, its methods of construction and the validity of its results. Some time will be devoted to a consideration of the different types of scales. Prerequisites—Philosophy 1 and 5 hours of Education. This course alternates with course 4.

6. School Administration.

3 hours

A survey course covering the whole field of Administration; organization, grading and promoting, instructional aspects and school costs. Particular attention will be given these problems as they relate to North Dakota. This course is designed to meet the needs of those who expect to become administrators. Lectures, readings and reports. Open to Juniors and Seniors. (This course alternates with Course 7.)

7. Social Aspects of the Educational Problem .

2 hours

This course treats school problems in their social relationship. The curriculum is examined for its social content. The social objectives of education in various fields are studied with the material of instruction offered for achieving their aims. Text-book, collateral readings and reports.

8. Methods of Modern Elementary Education.

2 hours

This course treats of the teacher's class-room methods in the elementary school, the selection and organization of subject-matter, and the planning and testing of teaching. Text-book, observation of teaching in an elementary school, reports and collateral readings. Prerequisite—Education 1.

9. Methods of Teaching in the High School.

3 hours

A course in general method for students who contemplate teaching in the high school. This course is concerned with the actual problems of effective class-room instruction. It is made concrete and practical by numerous examples chosen from actual experience. Text-book, observation of teaching and reports. Open to Juniors and Seniors.

10. Philosophy of Education

2 hours

This course presupposes some knowledge of Educational Psychology and aims to sum up and correlate the students educational ideas into a harmonious whole. Text-book, reports and discussions.

11. Practice Teaching.

An opportunity for practice teaching is offered to all students preparing to teach in the secondary schools. A minimum of about forty hours is expected unless the student has had actual experience and is excused from the requirement by the head of the department.

12. Special Methods.

In addition to general methods in secondary education as outlined in course 9, opportunity is offered to students to study methods co-ordinate with their principal subjects, or their majors. These

courses may be arranged for with the proper departments of the College and reported to the Department of Education. In general the credit allowed for such courses will be two semester hours, and a total of not more than six hours will be credited toward the certification or toward the major requirement.

A TEACHER'S SECOND-GRADE PROFESSIONAL CERTIFICATE COURSE

This course consists of two years' curriculum designed for teachers who wish to secure a second-grade professional certificate.

Students taking this course must have completed a four years' High School course of approved standing, the same as required in other college courses.

This course consists quantitatively of one-half the semester hours required for graduation from the College. Sixteen semester hours of professional subjects as outlined in the Regulations of the State Board of Education are required, together with such other subjects as the student may elect under the direction of the College. All students in this course are under the direct supervision of the Dean of the Department of Education and upon matriculation are specifically required to enroll for the course as candidates for the Second-Grade Professional Certificates of two years.

Selection is made from the following courses:

History of Education, Principles of Education, School Administration or Methods in Elementary Subjects, Advanced Algebra, Solid Geometry, Psychology (Proper, Educational, Child).

Advanced Composition and Rhetoric, American Literature, English Literature, Domestic Science, Biology, Physics, Chemistry, History (Ancient, English or American).

Elective: From courses listed in the College to make up the required credits of two years.

TEACHERS' SPECIAL CERTIFICATES

1. Certificate in Domestic Art and Science.

This course is open to High School graduates of recognized standing. The courses here briefly stated aggregate about forty hours' credit; the remainder are elective in college courses.

English (College Rhetoric)

Chemistry.

Domestic Economics, Model Sewing and Textiles.

Domestic Economics, Cookery, Foods.

Domestic Economics, Hygiene, Dietetics.

Domestic Economics, Physiology.

Prescribed courses in the Department of Education, minimum of sixteen credits.

Elective: College courses in addition to make the total of sixty-four credits.

2. Certificate in Commercial Work.

This course is open to students who are graduates of High Schools of recognized standing. One year of Bookkeeping, High School Arithmetic, and High School Penmanship and Spelling are entrance requirements. Any deficiency in these must be made up in addition to the prescribed courses offered. About thirty hours are prescribed, the remainder are elective in college courses.

English (College Rhetoric).

Accounting (Higher Accounting, Banking, Economic Finance).

Stenography (the advanced course, with office practice).

Typewriting.

Commercial Law.

Social Science.

The prescribed courses in the Department of Education, minimum of sixteen credits, professional training

Elective: Additional college courses to make total of sixty-four credits.

3. Public School Music Course. (See Department of Music.)

This course is open to students who are graduates of High Schools of recognized standing. Proficiency on the piano or other instrument is a prerequisite. Deficiency must be made up in addition to the prescribed courses offered. About thirty hours are prescribed; the remainder are elective in college courses besides the sixteen professional subjects.

English (College Rhetoric).

Music (Harmony)

Music (History of Music).

Music (Musical Principles).

Music (Sight Reading, Voice).

The prescribed courses in the Department of Education, minimum electives to meet the purposes of the student.

Elective: Additional college courses to make a total of sixty-four credits. Drawing, both free-hand and mechanical, are given in the electives to meet the purpose of the student.

DEPARTMENT OF ORATORY

The purpose of this department is to afford opportunity for the systematic development of the mind, body, and soul; to advance dramatic art, and to develop forceful, graceful, easy, and natural expression in public readers and speakers. The art of expression, or oratory, is invaluable for the effective use of the knowledge and culture obtained in the arts and sciences. Too much attention can not be given to effective address in these days of theorizing. The power of thought is concealed except where there is power of expression. Subjective power is appreciated when it is made objective. Professor Lawrence spoke truly when he said: "Oratory has been more potent in shaping the course of events and bettering the life of man than any other agency, not even excepting war itself; for in most cases where liberty struggled with oppression, force was but the son of eloquence, owing its being to it, and without eloquence liberty would never have come to pass."

Careful attention is also given to physical culture under competent training, seeking to develop symmetry, beauty and health. Appropriate exercises are planned in regular gymnasium classes. There are now two gymnasiums, one for girls in Sanford Dormitory, and one for boys in the new Library Hall.

The College stands in the first rank in debate and oratory. First place has been won twice in four years, and second twice.

1-2. **2 hours**

A general beginning course dealing with the subject matter and the physical basis of public speaking, and their application to the fields of conversation, speeches for the occasion, debate and oratory. Required of all Academy students. Text: Brewer, Oral English.

3-4. **2 hours**

A technical study of the mechanics of delivery; reading and analytic study of classic orations. Oratorical construction. Required of all college students. Text: Shurter, Public Speaking. Through the year.

5-6. **2 hours**

Debate and Argumentation. This course is designed to equip students in forensic discussion and organization of themes in debate. Questions of the day are analyzed.

7-8. **2 hours**

An advanced course of class-room study and conference work

dealing with problems of composition and delivery of the different forms of public address—the debate, lecture, essay, drama, oration. Throughout the year.

9.

Special courses are arranged for private instruction to meet the needs and advanced work of the student. Individual conference work is arranged in connection with all courses, to meet the needs of the individual student.

THE ACADEMY

(Model High School)

Charles E. Fulton, A.M., Principal

The Academy is designed to meet the needs of those who have not adequate High School facilities at home, and as a preparatory department for the College. Students have the advantages of college life and association. The courses start with the eighth grade as the foundation, and entrance requires evidence of good moral character and honorable dismissal from the last school attended.

SYNOPSIS OF COURSES

In order to complete the Academy course in four years, a student must take twenty hours of work each semester, and this is required under normal conditions. Twenty-one hours per week without extra charge is permitted for schedule adjustment.

First Year

Required, each semester: Bible, 1 hour; English, 5; Algebra, 5; History, 4.

Elective: Science, 5; Latin, 5; Commercial subjects; Domestic art and science.

Second Year

Required, each semester: Bible, 1; English, 5; Algebra, 5, first semester.

Elective: Latin, 5; History, 4; Science, 5; Civics, 5; Commercial subjects; Domestic art and science.

Third Year

Required, each semester: Bible, 1; English, 5; Plane Geometry, 5; Physical Education, 1.

Elective: Latin, 5; History, 4; Science, 5; Expression, 2; Com-

mercial subjects; Domestic art and science; Pedagogical subjects; Expression; Modern languages, 5.

Fourth Year

Required, each semester: Bible, 1; English, 5. (See exception below.) Physical education, 1.

Elective: English, 5; Latin, 5; Science, 5; History, 4; Solid Geometry, 5; Expression, 2; Commercial subjects; Domestic art and science; Pedagogical subjects; Senior reviews; Expression; Modern languages, 5.

At least two years of foreign language and one year of history must be taken, and those preparing for the scientific course in College must take at least two years of science, including chemistry or physics, in the Academy. Those taking three or more years of foreign language may omit the fourth year in English. Two semester hours in expression and two in physical culture are required for graduation. The more difficult commercial subjects, Domestic Science, and Advanced Music, may also receive credit in the Academy.

"Diplomas from High Schools doing four years' work granted to graduates who have had psychology, school management and methods of instruction and three senior-review subjects, shall be accredited as second grade elementary certificates."

Students who wish to take the subjects named should include them with their electives as may be directed.

For a complete description of courses, see page 42.

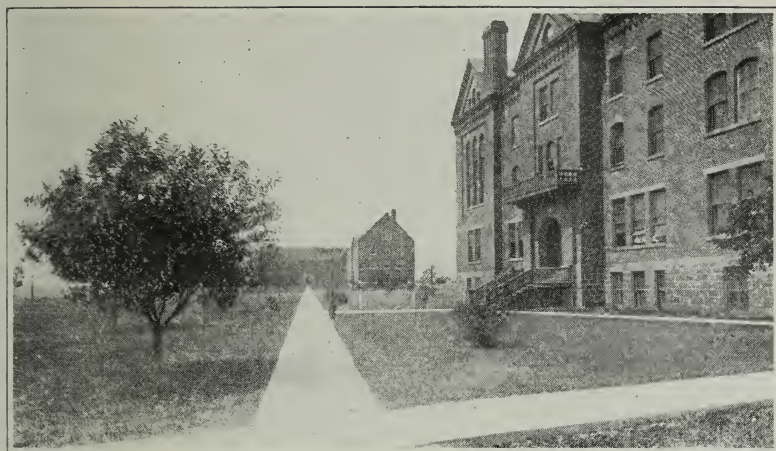
Graduation—A diploma is given upon the completion of fifteen approved units. A unit represents a subject taken five hours a week for one school year of thirty-six weeks. Two laboratory periods are accepted as one credit. The maximum hours permitted, without special faculty action, is twenty-one; the minimum, sixteen. One hundred honor points are required for graduation. Graduation forms a regular part of the commencement program.

BIBLE AND RELIGIOUS EDUCATION

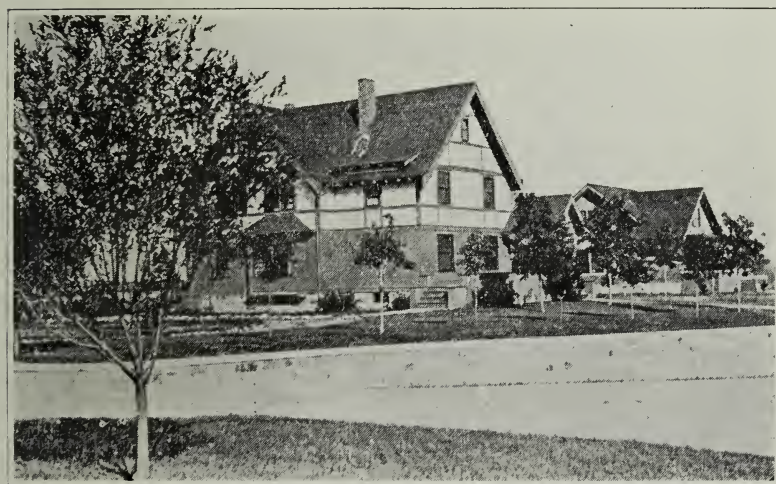
These courses are based on the recommendation of the High School Board of North Dakota. The Bible itself is the text book, careful note-book work is required, and thorough work is done. The stress is laid upon the narrative, the problems and the difficulties being for the most part postponed until the College courses are taken up.

1. Use of Bible. Old Testament Narratives. 2 hours

The names and order of the books are considered, the sources and transmission of the Bible are explained, Biblical geography is



THE LONG WALK



THE FACULTY HOUSE

studied; then the Old Testament narratives are begun.

2. Old Testament Narratives. 2 hours

A continuation of the preceding course.

3. Life of Christ. 2 hours

This is an elementary and general course, which seeks to give a connected and appreciative knowledge of the life of Jesus Christ. Stalker's Life of Christ is used.

4. The Apostolic Period. Life of Paul. 2 hours

An elementary course on the founding of Christianity and especially a study of the wonderful personality and work of Paul. Stalker's Life of Paul is used.

5. Bible Literature. 2 hours

A simple course in literary study of the Bible.

6. Sunday School Work. 2 hours

This course is open to the older Academy students.

7-8. Teacher Training. 1 hour

The Standard Teacher Training course, recommended by the Presbyterian Sunday School Board, is followed. This is regarded as one of the Academy Bible courses, the usual credit is given, and on its completion the regular joint diploma of the Board and of the State Sunday School Association is issued.

CIVICS

2. Civil Government. 5 hours

The usual secondary course, meeting state requirements for High School. Abundant aids are provided and the instruction is made very practical.

ENGLISH

1-2. Composition and Literature 5 hours

The aim of the course is to give drill in the principles of composition, many original themes being written. As in other courses in Academy English, the classic studies are generally those suggested by the outlines for North Dakota high schools.

3-4. 5 hours

More advanced work in composition, based on Scott and Denny's "New Composition Rhetoric." Study of classics continued.

5-6. American Literature. 5 hours

The history of American literature is studied, together with representative works from the most important writers.

7-8. English Literature.

5 hours

The work in the history of English literature is based on Long's "English Literature," but greater emphasis is laid on the study of classics.

FRENCH

1-2. Beginner's Course

5 hours

Fraser and Squair's French Grammar, Part I, will be completed. Talbot, "Le Francais et sa Patrie," will be read in class.

3-4. Second Year's French.

5 hours

Composition work from the grammar once per week. Reading, translation and conversation. Textbook: "French Short Stories," Buffum; "Le Voyage de Monsieur Perrichon," Labiche et Martin.

GERMAN

1-2. Grammar.

5 hours

Bacon's "New German Grammar" (edition 1916).

Reading of easy texts, such as "Maerchen," "Glueck Auf," "Im-mensee," and "Im Vaterland." Translation of short stories at sight and hearing. Conversation in German.

3-4. Modern Prose, 3 hours reading, 2 hours composition; 5 hours

Hillern, "Hoeher als die Kirche"; Storm, "Der Schweigersohn"; Schiller, "Der Neffe als Onkel" and "Wilhelm Tell"; Freytag, "Die Journalisten."

Composition: Allen's "First German Composition" will be used. Dictation, memorizing of German idioms.

HISTORY

1-2. Ancient History.

4 hours

The ancient civilization. Greece and Rome. Maps and papers.

3-4. Mediaeval and Modern Europe.

4 hours

The transition. Topical study of feudalism, crusades, renaissance and later topics.

5-6. English and American History.

4 hours

Text books and lectures. The College method is employed. The course is general in character.

LATIN

1-2. Elementary Latin.

5 hours

Inflections and constructions. Particular stress on verb and noun endings and pronunciation of Latin.

3-4. Caesar. **5 hours**

"Gallic War," four books or their equivalent. Prose based on Caesar's text. Careful study of Caesar's life and the important events of his time. Also study of terms and tactics of Roman warfare. Prerequisite—Courses 1 and 2.

5-6. Cicero. **5 hours**

Six orations or equivalent. Style and literary value of the orations. Brief study of Cicero's life and works. Prose based on text. Selections from Ovid may be read the latter part of the year. Prerequisite—Courses 3 and 4.

7-8. Virgil. **5 hours**

Aeneid, six books, and extracts from other books. Scansion, mythology, source of material and reasons for writing the Aeneid. Life of Virgil, and brief study of the "Augustan Age." Prerequisite—Courses 3 and 4.

MATHEMATICS

1-2. Elementary Algebra. **5 hours**

Algebra through simple quadratic equations.

3. Advanced Algebra. **5 hours**

This is a completion of Elementary Algebra. It begins with a review of quadratics and includes the more advanced topics presented in a standard text.

5-6. Plane Geometry. **5 hours**

The aim is to introduce the student to the more formal methods of reasoning and by means of original problems to develop originality in process of demonstration.

7. Solid Geometry. **5 hours**

The fundamental propositions of solid and spherical Geometry, accompanied by a suitable number of exercises in original problems, the whole to represent the work of one-half year.

SCIENCE

1-2. General Biology. **5 hours**

An elementary treatment of biological principles, looked at mainly from the point of view of plant life.

A similar treatment of biological principles, especially as applied to animal life. Equivalent to the usual semester course in zoology. Open to all academy students.

5-6. Chemistry. **5 hours**

General Inorganic Chemistry. Based on McPherson and Hender-

son's text. Laboratory work. Selected work in practical chemistry for those who so elect. Open to third and fourth year students.

7-8. Physics.

5 hours

Carhart and Chute's "High School Physics" as text, with laboratory work. Required of scientific Academy students. Open to fourth year students, and third year students if mathematical preparation is sufficient.

SUBJECTS FOR TEACHERS' CERTIFICATES

Students who graduate from the Academy should select from the following group the subjects prescribed by the rules of the State Board of Education, if they wish to have their diplomas indorsed as teachers' elementary certificates. The subjects are listed here and will be placed on the semester programs according to the needs of students. Each subject must be taken as a five-hour subject for a semester. Courses here described correspond to the same courses in the State High School Manual. See statements on page 47 of this catalog.

1. Psychology.

5 hours

General Psychology treated in an elementary way.

2. Pedagogy and School Management.

5 hours

A course taking up largely rural school pedagogy and management. The course considers elementary school problems from the point of view of experience and by means of a text book. Discussions of the subject matter of the Course of Study.

3. Teachers' Arithmetic.

5 hours

A thorough review of arithmetic after the study of other High School Mathematics. Special attention given to the needs of the teacher and to the outline in the High School Manual.

4. Senior Grammar.

5 hours

A course designed especially for those who may teach, applying particularly to the knowledge of English acquired in the High School course. It will follow the outline of the High School Manual.

5. High School Geography.

5 hours

A review of Geography with the needs of the young teacher in mind.

6. Advanced American History.

See History, page 50.

7. Civics.

5 hours

The usual secondary course meeting State requirements. Abundant aids are provided and instruction is made very practical.

SCHOOL OF BUSINESS

ADVANTAGES OF ATTENDING JAMESTOWN COLLEGE

The School of Business is affiliated with the College. The students have all the advantages of the College life and association. The design of the School is to give full business and stenographic courses for young men and women who wish preparation for business activity under the inspiration of high ideals and Christian culture.

The advantages are many above the usual commercial school, such as the library, student societies and literary organizations, the presence of college men and women, college culture, college athletics, Christian oversight, and the College Courses for further study and personal improvement. Expert instruction in Public Speaking, Music, Domestic Science and Arts, and in any of the literary departments of the College is available for those who desire it. The School of Music is one of the finest in the State and students of the School of Business will do well to take as much piano work as possible, as they will find that it goes well with their typewriting practice. It is everywhere recognized that to succeed in business a man must be a leader possessing intelligence and culture as well as the general training of the class-room and the desk. In fact, every boy and girl in the State of North Dakota should get at least a High School education.

The expense is about one-half that generally paid at many Commercial Schools. The School seeks to simply pay expenses. It is not a profit-earning school, hence the cheapness of the courses is consistent with the highest efficiency. The best in business training is sought after.

The general charge for a complete course is \$25 a semester of eighteen weeks; \$3.50 is charged each semester for typewriter for practice work; and \$10 incidental fee. Tuition and fees must be paid in advance each semester, and the same rules as to scholarship and government apply as in the College.

All students in the School of Business are required to study English, the class depending upon their advancement. Other required and elective subjects are listed in the Outline of Courses.

Entrance Requirements. During the war we were frequently called upon to furnish young men and women to fill positions in the business and professional offices in the city and elsewhere and the requirement was almost invariably for one who was a High School

graduate or its equivalent. We have been able to place all of our students in paying positions regardless of this increasing demand, but it serves to indicate what a business man wants and demands and is willing to pay for if he can get it. However, if the student finds it impossible to get the entire High School training,—or its equivalent,—then he should come anyway to Jamestown College, where he may complete his education and get some commercial work at the same time.

COURSES OFFERED

The Accounting-Stenographic Courses

Two-Year Course. This course is designed for those who want a complete and efficient preparation in Bookkeeping, suited for an individual proprietor, a partnership, a corporation, Cost Accountancy for a manufacturing concern, Banking, and a thorough mastery of Gregg Shorthand, and Typewriting. The business subjects are taken the first year and the stenographic the second year. If a High School graduate, the student may take some College studies in Economics or Sociology.

OUTLINE OF COURSE

First Year

First Semester	Second Semester
Bookkeeping 1	Bookkeeping 2
English	English
Commercial Arithmetic	Commercial Law
Commercial Law	Economics or
Penmanship and Spelling	Money and Banking
Bible	Penmanship and Spelling
Penmanship and Spelling	

Second Year

First Semester	Second Semester
Bookkeeping 3	Bookkeeping 4
English	Elements of Business
Shorthand Theory	Shorthand Speed Studies
Typewriting	Typewriting
Penmanship and Spelling	Shorthand Dictation
Bible	Office Training

One-Year Course. This course is designed for High School graduates who desire to take Bookkeeping, Shorthand, and Typewriting, etc., in one year. Introductory and Intermediate Bookkeeping only are taken unless the student has already had some Book-

keeping or practical experience. This is a fine well-balanced course and should be taken by those only who are able to stand lots of hard work.

OUTLINE OF COURSE

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
Typewriting	Shorthand Dictation
English	Typewriting
Bookkeeping 1	Bookkeeping 2
Penmanship and Spelling	Elements of Business
Bible	Office Training

THE STENOGRAPHIC COURSE

One-Year Course. This course is designed for those who wish to become very proficient in Shorthand and Typewriting for stenographic positions only. Competent stenographers are always in demand, and although a complete knowledge of Bookkeeping is a fine asset in the business world, this course is sufficiently broad. It is very popular in most schools and colleges.

OUTLINE OF COURSE

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
Typewriting	Shorthand Dictation
English	Shorthand Transcripts
Bookkeeping 1 or	Typewriting
Commercial Law or	Elements of Business
Commercial Arithmetic	Office Training or
Penmanship and Spelling	Commercial Law
Bible	Penmanship and Spelling

GRADUATION REQUIREMENTS

In addition to the above required studies as given in the Outline of Courses, the following speeds are required for graduation from all courses:

	Words Per Minute
Typewriting speed on new matter (ten minute test).....	40
Shorthand speed on new matter (three minute test).....	80
Shorthand speed on business letters.....	100
Transcript speed from shorthand notes taken in dictation.....	25

DESCRIPTION OF COURSES

Bookkeeping, 1-2. These courses consist of work on sets in the

elementary principles of Bookkeeping. The student is given numerous drills in journalizing before taking up the Cash Book, Sales Book, and the Purchase Book. The sets illustrate the Special Column Cash Book, Controlling Accounts, and simple Operating Expense accounts for an individual proprietor and a partnership. Partnership accounts are given special attention. Numerous exercises are given for securing Trial Balances and for preparing Balance Sheets, and Income and Loss Statements.

Bookkeeping, 3-4. These courses consist of sets dealing with corporation accounting and the elements of cost accountancy. A course in banking may be taken instead of the cost accountancy. The 20th Century, Rowe, and Metropolitan systems of Bookkeeping are used in the School, though the 20th Century is used for class work. Elementary accountancy or Accounting 1 may be taken during the course.

Two periods a day of school work are required for five hours' credit, two periods a week being given to class review and discussion.

Shorthand. The Gregg Shorthand system is taught. The Gregg Manual is completed the first semester, and the Gregg Speed Studies and the Gregg Writer are used the second semester. All the dictation is given for the purpose of increasing the student's speed in taking notes and for enlarging his working vocabulary. Much supplementary material is dictated to be transcribed on the typewriter. A speed of 100 or more words a minute on business letters is easily reached by the end of the year. Five hours.

Typewriting. The Touch System of Typewriting is taught and the ability to handle the keys of the typewriter without looking at the keyboard is insisted upon from the very beginning.

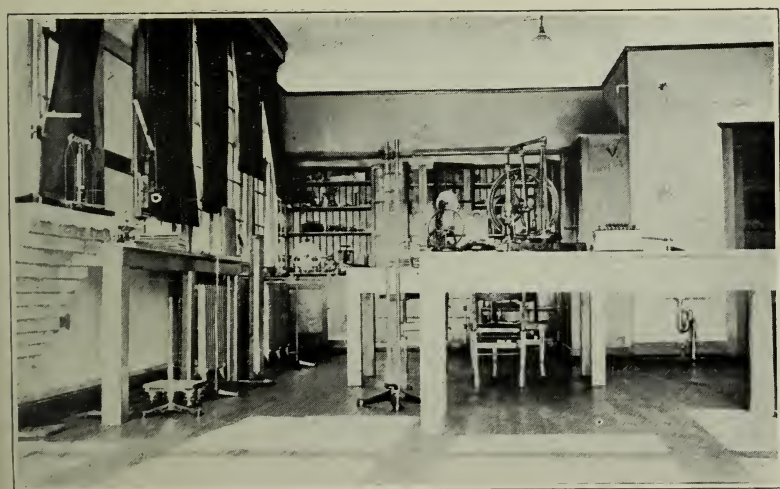
The textbook material covers a great variety of exercises, model forms for business letters, manuscripts, legal documents, billing forms, etc. A speed of fifty words a minute is attained by most students by the end of the year.

Two periods a day of school work are required for five hours' credit, one period a day being used for class drills for speed.

Office Training for Stenographers. In this course the student is taught how to write a letter of application, and much information is gained concerning the mails, enclosures and forms of remittances, filing systems, office appliances, shipping, billing, business ethics, and legal papers. This course is indispensable to a stenographer, develops his efficiency as an office helper, and so when he enters the office he will know what to do and how to do it. The latest model



CHEMICAL LABORATORY



PHYSICS LABORATORY

of the A. B. Dick Rotary Mimeograph, a filing cabinet and dictaphone are great aids to this course. Three hours.

Commercial Arithmetic and Rapid Calculation. In this course special attention is given to interest, cash discount, bank discount, percentage, partial payments, stocks and bonds, exchange, equation of accounts, and partitive proportion and partnership. This course is a great aid to those students taking Bookkeeping. A considerable portion of the course deals with Rapid Calculation and a special text is used for that purpose. Five hours.

English. This study is required of all students in the School of Business—high school graduates taking College English in the English Department of the College, and others in the Academy. A course in business English consisting of a review of English grammar, punctuation, and the composition and structure of business letters, sales letters, collection letters, and letters of application is also given. A stenographer must be proficient in English. This splendid opportunity of taking English with classes of the College should not be overlooked by anyone intending to enter the School. Three to five hours.

Commercial Law. This subject includes the law on contracts, negotiable papers, agency, bailments, partnership, corporations deeds, insurance, real estate, personal property, etc. This is a course that every person who signs a contract, gives a promissory note, accepts a draft, ships goods, rents or leases property, etc., should have studied some time during his school days. It is very practical. A college text is used and is supplemented by a library of legal reference books. A study of the state laws is given the second semester. Five hours a week.

Commercial Geography. This course treats of the various natural and manufactured products of the different countries, their imports, exports, routes of trade, etc. A study is made of commercial conditions as they are found in the various parts of the world today as a result of certain physical and political influences, occupations, reconstruction problems resulting from the World War, and the conditions of inter-dependence existing among the different parts of the world.

Elements of Business. This is a course especially designed for stenographers to give them a working knowledge of economic exchange, money and credit, banking, insurance, property, investments, saving and thrift, taxation and elementary principles of Accounting. This is a brief course on Business Law. Two hours.

Money and Banking. This is a study of the origin, use, and his-

tory of money as a medium of exchange with special reference to the financial and economic history of the United States. It includes a study of the history, utility, and functions of banks and the use of credit in the business world. A banking set is to be worked out some time in the course, and so makes this course more practical to the student who may some day get a good position in a bank.

Penmanship and Spelling. Instruction is given in the Palmer Method of Business Writing. The aim of this course is to teach a plain, rapid, easy, and legible business writing, as it is very essential to every person intending to take up a business career. This course is required of every student of the School of Business.

DIPLOMAS

Diplomas are given upon the completion of any course selected by the student. The fee is \$2.50, and the graduation takes place at the regular time of graduation from other departments of the College.

DOMESTIC SCIENCE

Complete courses in Home Economics are offered, with the best and latest facilities.

A diploma is granted to a person who has completed the prescribed courses in Domestic Science, as arranged below. A prerequisite to the courses is a diploma from an accredited High School or Academy.

Persons taking the regular Literary and Arts courses for the degrees of B. A. and B. S. can, upon application to the Faculty, arrange to take Domestic Science and arts courses with a view of credit in their junior and senior years.

SYNOPSIS OF COURSES

First Year

First Semester	Second Semester
Physiology and Pedagogy	Food Study
English	Physiology and Home Nursing
Chemistry	Chemistry
Model Sewing	English
Junior Cookery, 1	Mechanical Drawing
	Plain Sewing
	Junior Cookery, 2

Second Year

Dietetics	Bacteriology
Household Management	Advanced Cookery, 2
Advanced Cookery, 1	Millinery and Art Needlework
Dressmaking	Textiles
Chemistry	Organization of Home Economics
Physical Culture	Physical Culture

DESCRIPTION OF COURSES

Domestic Science

1-2. Elementary Cookery. 2 hours

Study of value, character, use, preparation, and cost of food materials. Scientific principles underlying food preparation and practical application.

3-4. Advanced Cookery. 2 hours

This gives practice in selection and marketing of food, making menus and serving meals. The work includes food preservation, preparation, study of meals, of table service, and giving of demonstrations.

5. Dietetics.

3 hours

This course includes the composition, digestion, metabolism and fuel value of foods, diet as influenced by age, sex, and occupation; dietary standards, making of dietaries and service of meals.

6. Food Study.

2 hours

A study of composition, structure, nutritive ratio, digestibility, cost and place of diet in all foods, also of chemical and physical changes which take place in foods during cooking, and effect of various temperatures on digestibility and food value of various foods.

7. Home Nursing.

2 hours

This subject involves the practical treatment of simple ailments of the human body—methods of handling emergencies that occur in school, home or elsewhere. Short course in invalid cookery included.

8. Household Management.

2 hours

This course includes organization, furnishing and care of the house, household accounts, chemistry of cleaning metals, woods and fabrics, use of disinfectants; study of household pests and care of foods and supplies.

DOMESTIC ART

1. Model Sewing.

3 hours

This course embodies the fundamentals of sewing and their application. It includes the various stitches—basting, running, stitching, combination, gathering, overcasting, hemming, making of button-holes, seams. French and felled, plain and faced hems, and the making of models illustrative of the various phases of the work.

1. Plain Sewing.

3 hours

This course includes the making of simple garments, such as underwear, aprons and plain waists by both hand and machine sewing.

3. Dressmaking.

3 hours

Designing, making, trimming and decorating of fall and spring suits, and various methods of trimming and finishing garments.

5. Art Needle Work.

1 hour

This course is designed to furnish instruction in crocheting, knitting, applique, ornamental darning, padding, scalloping, French embroidery, cross stitch, Swedish weaving, hemstitching, drawn work, eyelets, initials, cut work.

4. Millinery.

2 hours

Designing, making, trimming and decorating of fall and spring

hats, to develop skill, originality and economy in utilizing of materials by renovating and tinting; the making of flowers, ornaments and other trimmings.

6. Textiles. 2 hours

Study of history, production, spinning, weaving, dyeing processes and characteristics and laboratory tests of the four fibres.

9. Organization of Home Economics. 2 hours

Study of aims and methods of teaching Domestic Science and Domestic Art; a study of equipment and supplies; lesson plans and courses are made; observation and practice teaching are required.

The required courses in Physiology, English, Chemistry, Mechanical Drawing, Bacteriology and Psychology are given in the different departments of the College where a full description may be found.

Students regularly enrolled in the College or Academy, electing courses in this department obtain free instruction. Only a small deposit is made to cover use of materials. The fee for all other students is the regular tuition of the College. Single courses, \$10 per semester.

THE SCHOOL OF MUSIC

The School of Music offers courses in Voice, Piano, Organ, and Violin; also theoretical courses in Harmony, Counterpoint, Composition, Musical History, and Analysis. The time necessary to complete a course will depend upon a student's ability, previous advancement, and devotion to his work.

The work of the School of Music is grouped according to probable time under three courses:

1. The Degree Course.
2. The Public School Music Course.
3. A Private Teachers' Certificate Course.

The requirements and details of the Degree Course follow immediately. For those of the other two courses see under the same headings as above, on page 65 and page 66 of the catalog.

THE DEGREE COURSE

A student to receive the degree of B. Mus. must have completed the full four years' work in a satisfactory way and have taken such part in programs as the director may decide. The full details of the Degree course in Music follow:

ENTRANCE REQUIREMENTS

To rank as a freshman in the School of Music, students must have graduated from an approved High School, and show by examination or otherwise that they are qualified to enter upon the courses in music which they elect.

GROUPING OF SUBJECTS

Candidates for a degree of B. Mus. must take at least 54 hours of definite college work and at least 70 hours in music courses. Students electing voice work should consult with the dean of the School of Music regarding the modern language which they select.

The 54 college credits shall be distributed thus:

English	6 semester hours
Religious Education	8 semester hours
Modern Foreign Language.....	12 semester hours
Psychology	3 semester hours
Physics	3 semester hours
Physical Training	4 semester hours

In addition to the above 36 required credits, electives sufficient to make a total of 54. Education subjects sufficient to meet the state requirements may be included under electives, in college.

The remaining 70 credits shall be selected from courses in the School of Music. They shall include the following subjects: Harmony, Counterpoint, Composition, Orchestration, 16 hours; History of Music, 8 hours; Appreciation, 4 hours; to complete 70 hours, courses may be chosen in Voice, Organ, Piano, Violin, and Public School Music as the Dean of the School of Music shall require. Generally a student will select about 20 hours of practical music in one of the departments named. These subjects will be found outlined under appropriate headings under "Description of Courses."

While the School of Music does not promise to report work for a degree because it has been taken a certain length of time, yet in general work in practical music that has been satisfactorily completed will be reported on the basis of counting one recitation period a week as one semester hour.

In theoretical music, work will be reported for credit according to the class hours per week, as in the College of Liberal Arts.

DESCRIPTION OF COURSES

In what follows will be found a detailed description of courses offered in the School of Music. These are given under the subheads: Voice, Pianoforte, Violin, Organ, Public School Music, Sight Reading, Normal Courses, Ensemble, Harmony, Theory, Appreciation of Music, History of Music, Recitals. In outlining the work for a degree in Voice and Piano, the courses are presented as year courses.

VOICE

The methods followed are systematic and thorough and aim to secure artistic results.

Sophomores

Studies in phrasing and rapid execution. German songs by Mozart, Schubert, Schumann, Liszt, Franz, Beethoven, and some light operas.

Freshman

The work of this year completed includes Vocalises by Sieber, Concone, and the study of songs and ballads by Larsen, Grieg, Buck, Gounod, and others.

Junior

Oratorio in all forms, Bach, Haydn, Handel, Mendelssohn, Gounod,

Verdi, selections from heavier operas and songs of the Modern School, Frank, Wolf, Homer, Tours, Massenet, Dvorak, Ronald, Nevin, Gnaz.

Senior

The work of the fourth year aims to develop still further the artistic sense according to the best art traditions.

A degree student who specializes in Voice in addition to other subjects, will be expected to complete substantially the work of the four years given above.

PIANOFORTE

Instruction on piano is by the individual method. The student must spend an adequate amount of time in practice in addition to what he does in the lesson hour.

Freshman

A student must receive thorough grounding in hand, arm, and finger training. Studies are adapted to the abilities of pupils. The work of this year consists in "Intermediate" studies in Music. Czerny, Velocity Studies, Bertini, Loeschorn, Heller, etc., Bach Little Preludes and Fugues, Sonatinas and easy Sonatas.

Sophomore

Czerny Op. 740, Cramer-Bulow, Fifty Selected Studies, Heller, McDowell, etc. Bach, Two- or Three-Part Inventions, French Suites, Sonatas of Mozart, Haydn, and Beethoven.

Junior

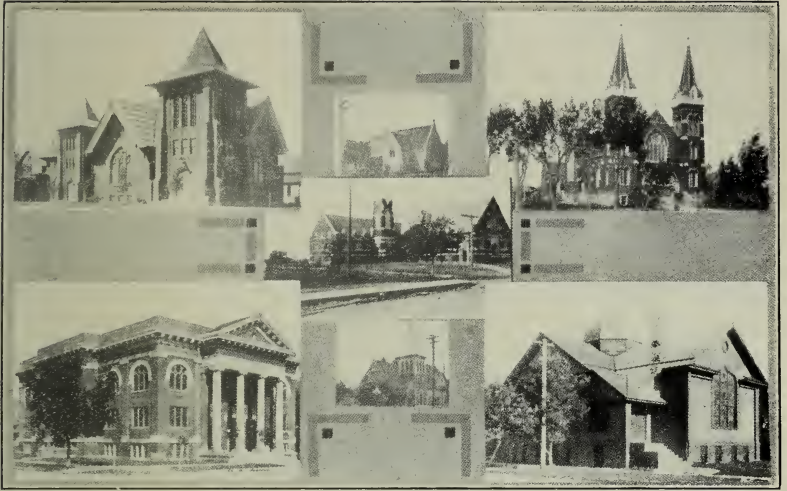
Clementi, Tausig, Gradus ad Parnassum, Czerny Op. 740. Chopin Etudes, Kullak, Octaves School, Bach's Forty-eight Preludes and Fugues; Sonatas and Concertos of Beethoven, and other masters. Repertoire from classical and modern composers. In each grade suitable pieces will be given as the pupil is ready for them.

Senior

"Advanced" work. Continuation of previous year. Concertos (with second piano or orchestral accompaniment.)

A degree student who specializes in Piano in addition to other subjects, will have completed substantially all the work outlined above.

The work of certificate students will be selected from the studies shown above.



A GROUP OF CHURCHES



THE MIDLAND AND NORTHERN PACIFIC DEPOTS

VIOLIN

The violin has been spoken of as the most perfect instrument. Opportunity will be given to study the violin. Lessons are given by individual instruction and suited to the requirements of the students. No attempt is made here to outline the work according to years of advancement.

Degree students may elect some work in Violin as a part of their necessary credits in Music.

PIPE ORGAN

Before taking up the study of the Pipe Organ a student should have a year or more of work in the piano, should have considerable skill on the piano, and thorough training in the Rudiments of Music.

No attempt is made here to outline the work by courses or years. A student may elect courses on the Pipe Organ when sufficiently advanced and may regard this as a part of the work credited toward degree in Music, based on the time and skill.

ENSEMBLE

A study of Ensemble is very important to the student of any instrument. Classic and Modern Music is studied. Work may be taken as the Dean may provide. It may be counted as required or elective work for the degree course. The credit given will depend on the time and skill of the student.

HARMONY

Elements of Harmony. 2 hours
Structure and use of useful triads and tendency chords with their inversions.

Harmony. 2 hours
Continuation of the work of the first course.

All students are expected to take a course in Harmony. This course enables the student to transpose music easily. The time given and the credit may be changed from the above schedule, but when a course in Harmony is published to meet once a week it will carry one hour credit per semester. Examination will be required and the work taken in classes as in case of other theoretical subjects.

THEORY

A thorough and exhaustive course in theoretical studies is strongly recommended. A rudimentary or fundamental course should

precede Ear Training, Sight Singing, Harmony, Analysis, Counterpoint, Canon and Fugue, Orchestration and Composition

This work is taken in class and will be credited in a manner similar to Harmony, depending upon time and advancement.

MUSIC APPRECIATION

This is a study of form and meaning of music. A text "Appreciation of Music," by Surette and Mason, is followed.

Required for Graduation: Credit given depending upon time and scope of work.

MUSICAL HISTORY

First year: The work of this year is divided into two semester courses and covers the beginning of music through to the classical period and the history and development of instruments. Text: Tapper and Goeschius, "Essentials in Music."

This work will be reported for credit according to time and amount of work taken.

STUDENT RECITALS

Opportunity will be given to students of the School of Music to take part in recitals and other public performances. Since much of the work of the music student must be done before the public, these recitals are absolutely essential to his success in order that he may acquire confidence and poise. Only students who have reached a proficiency approved by their instructors and their director will be permitted to appear in public performances.

Students will be required to take part in all recitals when assigned by the instructor and to be present at all concerts and recitals. Work in recitals will not be credited unless specially recommended by instructors in advanced courses. In such cases credit reported will be according to work done.

PUBLIC SCHOOL MUSIC COURSE

A student to be qualified to teach in the public schools of the State must conform to certain requirements set forth by the State. A student may take work in Public School Music without being a degree student. Under certain conditions some of this work may be taken by the student who is a candidate for a degree. Entrance upon the course, if the student is a candidate for a diploma for teaching in the public schools, implies graduation from a high school. The two-year course is outlined as follows:

First Year. Required: Psychology, History of Education, Ear-

Training, Voice Culture, Harmony, a modern language or its equivalent. Piano, unless the student is already able to play "Third Grade Music." If so, the candidate may be excused from further study of the piano.

Second Year. Required: Sight Singing, Ear Training, Advanced Harmony, History of Music, Appreciation of Music, Piano, unless excused.

A student should consult the course in Music under Department of Education, page 42. Courses in College English may be taken as electives. Bible courses are required.

For details of courses in Voice, Piano or other subjects, see under the various subject headings.

PRIVATE TEACHERS' CERTIFICATE COURSE

The statements here made in regard to training apply especially to those who aim to be private teachers in their communities. There is a demand for instructors who can impart their knowledge of music. For this reason a course is outlined without indication of the time required for each subject. A certificate will be given showing that this course has been completed, provided that the student is advanced in piano work or some other instrument work. This course differs in scope and character from the Public School Music course and the certificate given implies different work.

Lectures. Technical Theories, Various Types of Pupils, Elementary Foundation Work, Development of Original Musical Ideas, Tonality, Methods, Material for Teaching, Interpretation, Memorizing, Educative Principles, etc., Ear Training, Analyzing and Psychology are a part of this course. Normal courses in Voice and Violin may also be taken. For courses in Voice, Piano or other subjects, see under various subject headings.

Tuition

Special and certificate students—piano, organ, voice or violin—

2 half-hour lessons per week, each semester.....	\$40.00
1 half-hour lesson per week, each semester.....	24.00
Piano practice, 1 hour per day, each semester.....	5.00
Piano practice, 2 hours per day, each semester.....	10.00
Single private lessons, voice or piano.....	1.50

Organ practice, same as piano, with \$4.00 extra each semester for electric motor power.

In Harmony, History of Music, Ear Training and other theoretical

subjects, a charge per course taken will be made in addition to other tuition.

General Information

Tuition is payable in advance for each semester, and the student must present a matriculation card from the registrar's office, showing that the financial arrangements are satisfactory before lessons can be assigned.

Lessons lost will not be made up, except in cases of protracted illness.

The School of Music will observe all national holidays and also the last three days of each semester (final examinations), and no refund will be granted on this account.

Students are required to take part on recital programs when assigned to such work by the instructor, and to be present at all concerts, recitals and lectures.

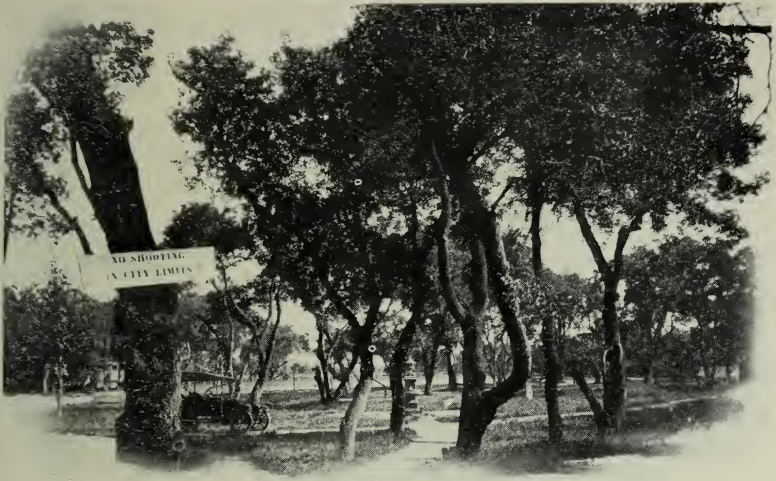
Students are not allowed to take part in public programs without the consent of the teacher.

Concert Engagements. The members of the Faculty of the School of Music and Oratory may be engaged for concerts or recitals.

For dates, terms, etc., address the School of Music.

College Band

The Jamestown College Band is a voluntary student organization open to all young men of all departments free of tuition. It provides excellent instruction and effective drill in band music, including all the standard instruments. The band is very popular both in the College and in the city and has won substantial praise for its excellence.



RECREATION



1920 ALPHA ZETAS

SUMMER SCHOOL

The Summer School is one of the recognized divisions of the scholastic year at the College. The first summer session was held in June and July of 1912. While there is naturally some change in the character of the work of a summer term as compared with that of the usual nine academic months, it is only such as follows from the needs of the students in attendance. During the summer term instruction is offered by members of the regular College Faculty. Attention is called to opportunities offered to three classes of students: (1) Teachers who desire to make good use of the summer vacation in study under college teachers. (2) Students or prospective students, who have some courses to complete to be regular in their academic work. (3) Other persons who at this time of the year would like to carry some chosen study and mingle with students. The following are some of the principal subjects in which courses are offered, but other courses will be given where the demand warrants doing so:

Astronomy, Algebra, Biblical subjects, Biology, Chemistry, English Literature, Expression, French, Geology, Geometry, German History, Latin, Surveying, Social Sciences, Trigonometry.

Normal review courses in the branches required of teachers in common schools, including Civics, Music, Nature Study, Pedagogy, Psychology.

Commercial courses, including Bookkeeping, Shorthand, Typewriting, Arithmetic, Correspondence.

Courses in the School of Music.

Courses in the School of Religious Education.

The 1920 Summer School begins **June 21** and continues to
July 31, 1920.

Complete tuition for the term of six weeks.....	\$10.00
One subject a day for the term of six weeks.....	5.00
Board per week.....	4.75
Room per week.....	1.25

For rates in music courses see School of Music.

Jamestown College has conformed to the requirements of Section 1366 of the School Laws of North Dakota, so that a degree from the College with the prescribed courses in education entitles the holder to a state professional certificate. Correspondence as to courses of study and all other matters pertaining to the Summer School should be addressed to

WILLIAM B. THOMAS,
Registrar Jamestown College.

SCHOLARSHIPS AND PRIZES

A large number of scholarships are held by the College, which will yield the student receiving them \$50 each. These are awarded to Honor Students of High Schools.

All recipients of scholarships are required to take active part in the various student organizations.

Loans are made to deserving students from the Student Loan Fund. The conditions can be obtained by addressing the President of the College.

A scholarship of \$1,000 has been established through the benefaction of John H. Converse, Philadelphia. This will be given from time to time, as the income is received, to worthy young men studying for the ministry.

A scholarship of \$1,000 has been established by E. P. Wells, Minneapolis, in memory of his father, Milton Wells, to be known as the "Milton Wells Scholarship Fund."

A scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, Mandan, North Dakota, in memory of her parents, Thomas and Barbara Green, to be known as "The Thomas and Barbara Green Memorial Endowment Scholarship." The income is to be given each year to a student for the ministry who is at least in his sophomore year in college.

A second scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, to be known as "The Frederick L. Green Scholarship Endowment Fund," for like purposes.

A scholarship of \$1,000 has been established by Mrs. Nettie F. McCormick, Chicago, Ill. The income is to be used to aid deserving students.

A scholarship of \$1,000 has been established by Rev. J. C. Ely, D. D., Oakland, Md. The income is to be used for deserving students.

A scholarship of \$1,000 has been established, known as the "L. G. Croswell Memorial Scholarship," by his daughters, Mrs. A. Ueland, Mrs. Aylus and Mrs. Emily Lee.

A scholarship of \$1,000 has been established by Rev. James P. Schell in memory of his wife.

Scholarships to the amount of \$2,500 have been founded by Mrs. John S. Watson to be known as "The John S. Watson Memorial Scholarships."

Rev. W. O. Forbes, Portland, Oregon, has founded "The Forbes

Memorial Prize in Rhetoric," in memory of his deceased daughter, Edith Emily, and his wife. The amount available each year is \$25, to be given to the best student in Rhetoric in the Freshman Class of the College.

Judge J. A. Coffey of Jamestown, North Dakota, has founded "The J. A. Coffey Oratorical Prize in Expression," to be awarded each year for the best oration delivered under the Department of Expression, open to all men students. The prize is \$35 in gold and \$15 in a gold medal—total \$50.

"The Orlady Oratorical Prize" was founded by Mr. Ben Orlady of Jamestown, North Dakota, to be awarded each year for the best oration delivered under the Department of Expression, and is open to all girl students, \$50.

"The C. S. Buck Oratorical Prize" was founded by Mr. C. S. Buck of Jamestown, North Dakota, to be awarded each year for the second best oration delivered under the Department of Expression and is open to all young lady students, \$50.

ROLL OF STUDENTS

Senior

Badger, Roland A.....	Colgate
Buck, John W.....	Jamestown
Burr, Alexander C.....	Rugby
Church, Emma S.....	Fullerton
Coomb, Doris Evelyn.....	Milton
Cunningham, Alice Willard.....	Marshall, Mich.
Ferguson, Harvey	Park River
Hanlon, Iris Mary.....	Ryder
Harmon, Charles E.....	Jamestown
Hunt, Ruth	LaMoure
Lindgren, Edward	Jamestown
Lusk, Jennie A.....	Jamestown
Martin, Joyce	Park River
Thomas, Fern	Jamestown
Wanner, Donald F.....	Jamestown
Williams, Vera Blanche.....	Jamestown, R. R. 2
Wilson, Florence M.....	Makoti
Wilson, John Lewis.....	Jamestown
Wright, Hugh	Antler

Junior

Alswager, Lovell	Courtenay
Anderson, Vidge	Sanborn
Armstrong, Erma Gladys.....	Hannaford
Bordwell, Charles H.....	Jamestown
Buzzell, Pauline	Cleveland
Ebersole, Ethel	Upham
Ellsworth, Eldora E.....	Jamestown
Fuller, Lillie Agnes.....	Cavalier
Grettenberg, Max J.....	Jamestown
Hendrie, Edith Jean	Leeds
McLeod, Roy D.....	Jamestown
McMillen, Nellie	Esmond
Miller, Charles H.....	Cando
Moffett, Marion Lydia.....	Courtenay
Moffett, Mildred Janet.....	Courtenay
Muir, Rex Manson.....	Inkster
Nisbet, Pearl Isabella	Slayton, Minn.

Rathman, Floyd Bailey.....	Jamestown
Tobiason, Thelma O.....	Larimore
Yoder, Elizabeth	Wolford

Sophomore

Badger, Miles H.....	Colgate
Brown, Gordon D.....	Monango
Fahl, Caryl	Buffalo
Graham, Wm. W.....	Ryder
Hastings, Amy E.....	Pingree
Holmes, Meta	Jamestown
Jennings, Lillian Brice.....	Cleveland
Kreuger, Fred A.....	Antler
McDougall, Cristine	Westhope
Murdock, James Depew.....	Wimbledon
Peake, Cyrus Henderson.....	Jamestown
Runner, Aline Mary.....	Cleveland
Sheeks, Mary Leola.....	Towner
Skuttle, Vivian C.....	Neoma
Swengel, Thelma E.....	Esmond
Westley, William M.....	Hannaford
Zimmerman, Esther T.....	Casselton

Freshman

Allen, Charles L.....	Towner
Alver, Viola Andrine.....	Streeter
Bauer, Ruth G.....	Jamestown
Benjamin, Maude	LaMoure
Blood, Luella Jane.....	Jamestown
Boise, Eugene Byron.....	Jamestown
Bryant, J. Edmond.....	Page
Burr, Mary Margaretta.....	Rugby
Cheadle, Leslie T.....	Odessa, Minn.
Colvin, Ada Lucile.....	Erie
Copeland, Edmund	Jamestown
Crabtree, Eloise J.....	Jamestown
Cummins, Lois Catherine.....	Casselton
Currie, Harold	Starkweather
Dickie, William	Hamilton
Finch, Gerald A.....	Jamestown
Fladeland, Sina	Reynolds
Granstrom, John A.....	Pelican Rapids, Minn.
Hafey, John E.....	Edgeley
Hamre, Mabel Constance.....	Rugby

Johnston, Erwin Wm.....	Bisbee
Joos, Janet M.....	Jamestown
Kolberg, Oscar W.....	Pettibone
Link, Myrtle	Wishek
Long, Hubert E.....	Jamestown
Long, Marjorie C.....	Jamestown
MacInnes, Margaret H.....	Calvin
McClennon, Nellie	Calvin
McLeod, Bartlet	Jamestown
Miller, Alice	Buchanan
Miller, Eva	Buchanan
Moffett, Helen Luella	Courtenay
Murray, Mary Grace.....	Bismarck
Pendray, Thomas	Jamestown
Peterson, Amy Elizabeth.....	Jamestown
Peterson, Isa Jane.....	Cando
Pettet, Mabel L.....	Courtenay
Ramer, Naomi Marie.....	Jamestown
Reed, Florence Marion.....	Amenia
Robertson, Helen DeNault.....	Jamestown
Rosencrans, Leeda June.....	Towner
Sherman, Erma Amanda.....	Jamestown
Shute, Clarence W.....	Jamestown
Smith, Byron Wesley.....	Jamestown
Spitzer, Sam	Edgeley
Stevenson, Anna Viola.....	Langdon
Stevenson, Zilpha Fulton.....	Langdon
Stiehm, Emelie Louise.....	Drake
Strutz, Reuben Robert.....	Jamestown
Thomas, John Webster.....	Jamestown
Vellenga, Peter	Tappen
Watt, Agnes Mary.....	Leonard
Watt, Margaret Bruce.....	Leonard
Whipple, Mildred Viola.....	Urbana
Wilson, Bertha Katherine.....	Jamestown
Wold, Dorothy M.....	Laurel, Mont.
Wright, Edward S.....	Oakes
Zimmerman, Ruth	Casselton

Special

Shute, A. B., Laura Ward.....Jamestown

Summer School

Alver, Viola Audrine.....Streeter

Bamford, J. Herbert.....	Mitchell, Iowa
Benjamin, Byrdie	LaMoure
Berge, Inga Sophie.....	Manitowoc, Wis.
Carpenter, Jay Ford.....	Great Falls, Mont.
Cheadle, Lois Marguerite.....	Odessa, Minn.
Christienson, Mildred	Jamestown
Corell, George	Jamestown
Dallier, Blanche	Jamestown
Ebersole, Ethel	Upham
Ebersole, Stella	Upham
Fairweather, Euphemia	Bottineau
Ford, Dorothy	Eldridge
Geringer, Lulu Anna.....	Tappen
Graham, Anna	Ryder
Grobe, Maurice	Jamestown
Hanson, Dione	Jamestown
Hanson, Harvey	Jamestown
Henderson, Margaret	Jamestown
Henderson, Mary Forbes.....	Jamestown
Hoffman, Goldia	Jamestown
Holiday, Elizabeth	Jamestown
Holmes, Meta	Jamestown
Ibes, Edna Blanche.....	Jamestown
Landis, Ralph Verl.....	Jamestown
McCain, Vera Beatrice.....	Braddock
Murphy, Eunice Margaret.....	Jamestown
Nielson, Henry	Jamestown
Pearson, Claude	Jamestown
Phillips, Wendell	Jamestown
Rich, Guyula Corinth	Jamestown
Seiler, E. O.....	Jamestown
Shute, Clarence	Jamestown
Vellenga, Peter	Tappen
Wadson, Vera Mae	Jamestown
Wagner, Rosella	Goldwin
Warne, Laura	Norwich

Music

Anderson, Vidgo	Sanborn
Armstrong, Erma	Hannaford
Badger, Roland	Colgate
Bagley, Jeanette	Towner
Blood, Luella	Jamestown
Bonner, Arthur	Jamestown

Bonner, Bruce	Jamestown
Buck, John W.....	Jamestown
Buck, Magdalena	Streeter
Buck, Martha	Streeter
Burr, Margaretta	Rugby
Cheadle, Leslie	Odessa, Minn.
Christopherson, Clarice	Jamestown
Colvin, Lucile	Erie
Coomb, Doris	Milton
Cummins, Lois	Casselton
Cusey, Maynard	Jamestown
Eggleston, Leonard	Jamestown
Fahl, Caryl	Buffalo
Hanlon, Iris	Ryder
Harris, Mabel	Jamestown
Haskin, Annis	Jamestown
Hempstead, Alice	Jamestown
Houghton, Glenn	Jamestown
Hunt, Ruth	LaMoure
Gordon, Rena Mae.....	Spiritwood
Graham, William W.....	Ryder
Jennings, Lillian	Cleveland
Johnson, Marion	Jamestown
Joos, Irvin	Pingree
Martin, Phyllis	Park River
McClennon, Nellie	Calvin
McMillen, Nelle	Esmond
Nolte, Fern	Jamestown
Peterson, Amy	Jamestown
Reed, Florence	Amenia
Rich, Guyula	Jamestown
Rosencrans, L. June.....	Towner
Runner, Aline	Cleveland
Sachow, Irene	Cleveland
Sheeks, Mary	Towner
Shute, Clarence	Jamestown
Strutz, Alvin	Jamestown
Stevenson, Anna	Langdon
Swengel, Thelma	Esmond
Thomas, Durward	Gull Lake, Sask., Can.
Thomas, Fern	Jamestown
Thomas, Lorene	Gull Lake, Sask., Can.
Tordoff, Reefa	Jamestown
Vellenga, Peter	Tappen

Vanner, Donald	Jamestown
Veld, Margaret	Cleveland
Vells, Kenneth	Fargo
Vhipple, Mildred	Urbana
Vestley, William	Hannaford
Vilson, Bertha	Jamestown
Vilson, David	Buchanan
Vilson, Florence	Makoti
Vold, Dorothy	Laurel, Mont.
Vright, Edward	Oakes
Vimmerman, Ruth	Casselton

Commercial

lver, Viola A.....	Streeter
yr, Katherine Hoyt.....	Jamestown
ennett, John	Jamestown
ensch, Earl H.....	Jamestown
onner, Arthur L.....	Jamestown
olton, Paul V.....	Jamestown
ronson, Lulu Pearl.....	McClusky
rown, Gladys J.....	Jamestown
rown, Gordon	Jamestown
lothier, Alba H.....	Jamestown
rupt, Nicholas J.....	Jamestown
eickert, Ruth	Jamestown
ine, Harry	Jamestown
ischer, William G.....	Jamestown
lynn, George D.....	Jamestown
raham, William	Jamestown
aines, Eva	Esmond
ansen, Dione Muriel.....	Jamestown
art, Myron	Cleveland
art, August	Cleveland
askin Annis	Jamestown
owe, Mamie	Jamestown
arson, Lena J.....	Jamestown
ndh, Jennie L.....	Jamestown
usk, Claud	Jamestown
vons, Inger H. (Mrs.).....	Jamestown
elton, Irene Genevieve.....	Jamestown
evenson, Zilpha	Langdon
adeson, John	Jamestown
adeson, Evata M.....	Jamestown
ilhelm, Louise	Jamestown

Wilson, David Buchanan
 Work, Mary Elizabeth..... Langdon

ACADEMY

(Under Supervision of the College)

Fourth Year

Anderson, Florence Lenore.....Streeter
 Bolton, Paul V.....Jamestown
 Buzzell, David A.....Cleveland
 Duncan, Edith Willard.....Josephine
 Cruttenden, Z. May.....Inkster
 Hempstead, Alice Marguerite.....Jamestown
 Johnson, MargaretDouglas
 McCaul, Lynn K.....Ayr
 McLeod, HoraceJamestown
 Sharp, Wm. E.....Louisville, Ky.
 Sloan, Evelyn Charlotte.....Juanita
 Wells, Kenneth E.....Fargo

Third Year

Bagley, Jeannette L.....Towner
 Bernard, Kenneth H.....Pettibone
 Bergman, HakonRugby
 Link, FlorenceWishek
 Ringuette, RaymondJamestown
 Ringuette, LawrenceJamestown
 Thomas, Durward G.....Gull Lake, Sask., Can.
 Thomas, LoreneGull Lake, Sask., Can.
 Weld, MargaretCleveland
 Wilson, WilmerJamestown

Second Year

Ayr, Katherine HoytJamestown
 Buck, Louise Ernicia.....Jamestown
 Haines, Eva May.....Esmond
 Haines, MetaHesper
 Hill, AltonHesper
 Howe, AlmaClements ville
 Langness, John D.....Jamestown
 Langfeldt, EdnaClaire City, S. Dak.
 Leaf, LyalGull Lake, Sask., Can.
 Nelson, AnnaAyr

Rich, Guyula Jamestown
 Sachow, Irene Mildred..... Cleveland

First Year

Beattie, Peter William..... Ayr
 Berry, Marguerite Cleveland
 Bonner, Arthur Jamestown
 Bonner, Bruce Jamestown
 Buck, Magdalena Streeter
 Buck, Martha Streeter
 Gordon, Rena Mae Spiritwood
 Johnson, Al Ayr
 Joos, Irvin Pingree
 Kreutsberg, George Edgeley
 Kroeze, Robert Gray..... Jamestown
 McCaul, Norman D..... Ayr

GENERAL SUMMARY

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Music	61
Commercial	33
Academy	46
	<hr/>	
Total	292
Names counted more than once.....	62
	<hr/>	
Net total	230
	<hr/>	
Total College of Liberal Arts.....	130

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VOLUME XIII

NUMBER 1

The Jamestown College Bulletin



CATALOGUE NUMBER
1921-1922

JAMESTOWN, NORTH DAKOTA, MAY, 1921

The Jamestown College Bulletin



The Annual Catalogue with the Register
of Students of Jamestown College for
1920-1921. Also Announcements and
Courses of Study for 1921-1922.

Jamestown, North Dakota, May, 1921

Entered at the Postoffice at Jamestown, North Dakota, as Second-
Class Matter, November 5, 1909, under the Act of July 16, 1894.
Published quarterly by Jamestown College.

1921

COLLEGE EVENTS

1921

Summer School June 20 to July 30

First Semester Begins..... Tuesday, Sept. 20.
Registration Day Tuesday, 8 a. m., Sept. 20.
Classes Meet Wednesday, 8 a. m., Sept. 21.
Thanksgiving Recess Thursday, Friday, Nov. 24, 25.
Recitations Resumed Monday, 8 a. m., Nov. 28.
Christmas Vacation Begins..... Thursday, 4 p. m., Dec. 22.

1922

Recitations Resumed Tuesday, 8 a. m., Jan. 3.
Day of Prayer for Colleges..... Thursday, Feb. 2.
First Semester Closes..... Friday, Feb. 3.
Registration Days Saturday, Monday, Feb. 4 and 6.
Second Semester Begins..... Monday, Feb. 6.
Cap and Gown Day..... Monday, Feb. 6.
Classes Meet Monday, 8 a. m. Feb. 7.
Colonial Night Monday, Feb. 20.
Washington's Birthday Wednesday, Feb. 22.
Academy Night Friday, June 9.
Baccalaureate Sermon Sunday, June 11.
Annual Concert Monday, 8 p. m., June 12.
Commencement in Academy..... Tuesday, 8 p. m., June 13.
Class Night Wednesday, 8 p. m., June 14.
Meeting of Board of Trustees..... Thursday, 2.30 p. m., June 15.
Commencement Thursday, 8 p. m., June 15.
President's reception Thursday, 10 p. m., June 15.

Regular meetings of the Board of Trustees: For 1921, June 15, 2.30.

Incorporated as Jamestown College, November 19, 1883.

Received as Synodical College of North Dakota, October 9, 1885.

Closed its doors June, 1893.

Reopened September 20, 1909.

BOARD OF TRUSTEES

- I. 1921—Henry M. Taber, Financial Agent and Loans, Jamestown.
J. A. Coffey, Attorney-at-Law, Judge District Court, Jamestown.
Rev. W. H. Mathews, D.D., Greenwich Presbyterian Church, New York City.
- II. 1922—Rev. D. T. Robertson, Ph.D., First Presbyterian Church, Fargo.
David Lloyd, Banker, LaMoure.
S. E. Ellsworth, Attorney-at-Law, Jamestown.
- III. 1923—S. F. Corwin, Vice-President James River National Bank, Jamestown.
C. F. Plummer, Merchant, Minnewaukon.
Abner Veitch, Financial Agent, Williston.
- IV. 1924—Ben Orlady, Merchant, Dry Goods, Jamestown.
A. G. Burr, Attorney-at-Law, Judge District Court.
Rugby.
H. W. Gill, Portal.
- V. 1925—Rev. Ward F. Boyd, First Presbyterian Church, Jamestown.
Rev. B. A. Fahl, D.D., Presbyterian Church, Buffalo.
C. L. Young, Attorney-at-Law, Bismarck.
- VI. 1926—W. J. Lane, Real Estate and Loans, Fargo.
John Mahon, Real Estate and Loans, Langdon.
J. H. Gale, Merchant, Hunter.

OFFICERS OF THE BOARD FOR 1920-1921

President B. H. Kroeze, Ex-Officio

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Ben Orlady, Vice-Chairman	J. E. McElroy, Treasurer.

EXECUTIVE COMMITTEE

Henry M. Taber, Chairman	S. E. Ellsworth, Secretary
Ben Orlady	S. F. Corwin
Rev. Ward F. Boyd	Barend H. Kroeze, D.D., LL.D.

FACULTY

BAREND H. KROEZE, A.M., D.D., LL.D., President
Philosophy.

FRANK B. TAYLOR, M. S., Ph.D., Dean.
Social Science.

WILLIAM B. THOMAS, A.M., M.S., Registrar.
Chemistry and Physics.

MAY E. CHALFANT, A.M.
Greek and Latin Literature.

WILLIAM E. ROE, A.B., D.D.
The Thomas McCurdy Memorial Chair of Religious Education and
Sunday School Methods.

HAROLD M. DAVIDSON, A.M.
English Language and Literature.

THOMAS W. JACKSON, A.M.
Mathematics and Engineering.

GEORGE M. KNIGHT, A.M.
Biology

HESTER CUNNINGHAM DAVIDSON, A.M.
Romance Languages.

THOMAS J. GOLIGHTLY, A.B.
Education and Psychology.

CHARLES EDGAR FULTON, A.M.
Principal of Academy.

LAURA COOTEY, A.B.
Modern Languages.

ARTHUR STUCKENBRUCK, M.C.S.
Director of School of Business

MARION JOHNSON, A.B.
Latin and English.

CAROLINE CLARK ROE, A.B.
History and Biology Assistant

OLIVE BARRETT
Modern Languages.

OLIVE OWENS, B.S.
Domestic Science and Art.

G. CALVIN RINGGENBERG

Director School of Music, Piano, Organ.

Graduate New England Conservatory. Pupil of Kurt Fischer, Alfred Devoto; in Organ a pupil of Homer Humphrey and Wallace Goodrich; special student of Madam Lucas, Boston, in Voice; Graduate in Artist Course; special coaching for Recital Work with Lynwood Fornum; Harvard University, two years; Director School of Music, January 1, 1920—

WINIFRED BENNETT

Voice and Violin.

Graduate School of Music, Milwaukee Downer College; University of Wisconsin Public School Music; Pupil of Mrs. Allen Kinsman Mann; D. A. Clippinger, Chicago; also pupil of Frank Croxton, New York. Concert and Lyceum Work, Jamestown College, 1920—

NETTIE GRAY KROEZE, A.B.

Assistant in Piano

Graduate New England Conservatory, Teacher in Albert Lea College Conservatory.

PHYLLIS MARTIN

Instructor in Piano

CHARLES H. BORDWELL

Instructor in Band Music.

EVA A. PARSLAW

Preceptress

Instructor in Oil and Water Color Painting.

ELDORA ELLSWORTH

Instructor in Physics.

THELMA TOBIASON

Physical Training for Women.

PHYLLIS MARTIN

Instructor in School of Business

ELWOOD FAHL
Chemical Laboratory Assistant

EDITH HENDRIE
Librarian

PAULINE BUZZELL
MARGARET JOHNSON
Assistant Librarians.

L. W. UPSHAW
Athletic Coach

FACULTY IN SUMMER SCHOOL

WILLIAM B. THOMAS, A.M.
Chemistry and Physics.

FRANK B. TAYLOR, Ph. D.
Education, Sociology.

T. J. GOLIGHTLY, A.M.
Education.

CHARLES E. FULTON, A.M.
Mathematics.

BERTHA MOORE THOMAS, A.B.
High School Reviews.

HERBERT J. BAMFORD, A.B.
French.

NETTIE GRAY KROEZE, A.B.
Piano.

ANNA GRAHAM
Reviews.

LULU GERINGER
Reviews.

GENERAL INFORMATION

ADMINISTRATION

The administrative policy of Jamestown College is determined by a Board of Trustees which is a self perpetuating body duly incorporated under the laws of the State of North Dakota. The Board consists of six classes, the term of one class expiring in June of each year. The election of the new class is confirmed at the annual meeting of the Synod of North Dakota. This policy guarantees wise and safe management, with responsibility to both legal and ecclesiastical authorities, rendering effective administration possible, and stimulating moral and religious supervision and training.

The Board of Trustees is responsible for and the guardian of all the property and funds of the College, and directly conducts its financial affairs. Investors and philanthropists are assured by such an administration, of business methods, devoid of politics, and duly accountable to the Church and State.

THE COLLEGE IDEA

It is the declared purpose of the College to encourage the development of an educated Christian citizenship, and to that end it seeks to offer a liberal culture combined with moral training. The educational ideal is "The Balanced Life," a proper combination of the theoretical and the practical, the intellectual and the moral, such as no other type of institution gives. While denominational in auspices, the College is in no respect sectarian, and does not teach any church tenets. The Synodical supervision is designed to safeguard its moral and spiritual tone, to make its halls a place for effective scholastic training under the inspiration of Christian leadership, with accountability for its moral life and conduct. Every home is therefore assured that those whom it entrusts for a time to Jamestown College will be under ideal oversight and broad and liberal religious influence. It is a Christian College with home life.

ORGANIZATION

Jamestown College consists of the following departments:

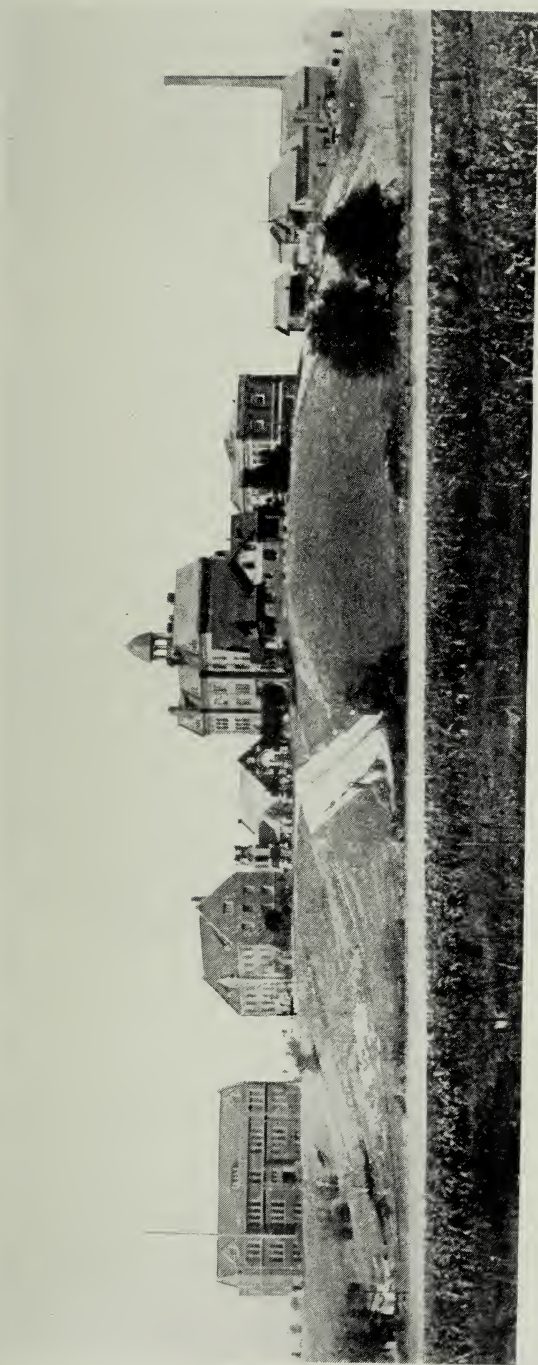
- I.—The College of Liberal Arts, with the usual courses of four years leading to the degree of Bachelor of Arts (B.A.) and Bachelor of Science (B.S)
- II.—Department of Education. Professional courses for teachers as required by the State of North Dakota for licensed teachers. Courses in Educational Criticism and Philosophy.

- III.—The Academy or Preparatory Department. The Academy prepares for all the College courses. Diplomas are awarded.
- IV.—The Department of Music, which offers courses in Piano, Voice, Organ, Orchestration, Violin, Mandolin, Harp, Guitar, the Theory and History of Music.
- V.—The School of Business. Courses are offered in Typewriting, Stenography, Bookkeeping, Commercial Arithmetic, Accounting, Correspondence, Spelling, Penmanship, Office Practice, Commercial Law, Commercial Geography, Rapid Calculation.
- VI.—The School of Oratory and Physical Culture with courses in Elocution, Voice Building, Oratory and Physical Training.
- VII.—Domestic Science. Courses in Sewing, Cooking, Domestic Art, etc.
- VIII.—Religious Education. Courses in Bible History and Literature, Sunday School Theory and Methods, and Religious Training courses for Association Workers, Pastors' Assistants, Sunday School Superintendents and Teachers Certificates are awarded.

THE COLLEGE SEAT

Jamestown is noted as a city of culture, with beautiful buildings and homes, clean morally, with a citizenship proud of aesthetic and physical beauty, as evidenced by its numerous parks and drives. The city has a population of over 7,000 people. Its altitude is 1,400 feet, and for healthfulness it is unsurpassed. It has the finest railway station in the State, complete sewer system, free mail delivery, is brilliant with electric lights, and has an abundant supply of excellent water derived from wells. There are fourteen churches—Baptist, Presbyterian, Catholic, Congregational, Episcopal, Methodist Episcopal, Free Methodist, German, Evangelical, German Lutheran, Scandinavian Lutheran, Seventh Day Adventist; a daily and three weekly newspapers, and a fine public library, which is open to the students and allows them special privileges. The late Mr. Dickey, of Wells & Dickey Company, Minneapolis, bequeathed \$35,000 to the city for the public library. A city Y. M. C. A. exists and is of great benefit to students. Jamestown is thus an ideal place for an educational institution, and offers the advantages of city life with delightful home influence and culture.

Jamestown is situated in the James River Valley, one hundred miles toward the interior of the State, on the main line of the



Northern Pacific Railway. It is the division point on the main line of the Northern Pacific, and the terminus of the Leeds-Jamestown and the Oakes-Jamestown branches, reaching from the northern to the southern portions of the State. The Pingree-Wilton line is also operated from Jamestown. The Midland Continental Railway has Jamestown as a division point, and furnishes excellent connections both north and south. The Soo and Great Northern connect with the main line and the Leeds branch. The College is thus of easy access from all parts of the State.

THE COLLEGE SITE

The College campus is within the city limits, slightly elevated, overlooking the city proper, and affords a most beautiful, inspiring city and landscape scene. It is a delightful and sunny spot, with perfect drainage. The campus consists of 107 acres, artistically laid out in drives and lanes and parking, athletic fields, tennis grounds, and unsurpassed building sites. It is intended to make the campus the peer of any in the land, and it can never be surpassed by any in the State. It is an ideal place for culture and study.

Taber Hall. This is designed as the main building for scholastic uses. It was dedicated January 6th, 1914. It is conveniently arranged for administrative purposes, recitation rooms, laboratories, and departmental work. One whole floor is fitted out as a Science Hall with modern equipment, and the best of laboratory facilities. It is of beautiful Tudor, or Early English design, 120 feet long and 63 feet wide, and three stories high. The building is the gift of a devoted friend to the cause of modern Christian education.

The Library Hall. This beautiful building is one of the finest College Libraries in the Northwest, thoroughly equipped with library facilities. The books are mostly new and up-to-date.

Men's Dormitory, properly known as Men's Hall, is a three-story structure. It has been repaired and equipped as a men's dormitory exclusively. It is one hundred feet long and forty-two feet wide. The rooms are all furnished with electric light and steam heat, and bath and toilet rooms are provided on each floor. It is a choice home under student self-government.

Sanford Dormitory is a new, modern structure for women. It commands a rare view, inspiring the studious habit. It will accommodate eighty women. The rooms are all large and commodious, arranged according to the best modern sanitary plans. It is heated with steam from a central plant, is lighted by electricity, and each woman is accommodated with her own wardrobe. Each floor is pro-

vided with excellent bathing facilities. Each woman is provided with a single bed, and the rooms are furnished with tables, chairs, dressing cases, etc., to make them beautiful and comfortable. The building is of the classical style of architecture, known as the Jacobin, three stories with a spacious gymnasium for women on the fourth floor. A laundry is provided with every modern convenience. The best architectural features are in evidence. The home life of the student is always a matter of prime importance. The ethical and social aspects of school life are marked features of this College, and to these vital considerations this building and its surroundings render invaluable aid.

Central Heating Plant. This is a large structure with ample room for the heating of the entire College group as designed in the official plan of the campus plant. The rolling character of the south portion of the campus makes it ideal for excellent heating. It includes a cottage for the engineer.

The Voorhees Chapel and Commons. It is of English Gothic style of architecture, of reinforced steel concrete floor construction, and will seat 750 students and accommodate about 400 in its commons and cafeteria. A Music Hall annex is a wing so that the building is in the form of an "L," making the studios of easy access to the Recital Hall. It is the only structure of its kind in the State. A three manual pipe organ is installed for use by the Conservatory of Music.

The President's House is also located on the campus. It is of English cottage design with the second story of cement. It is a spacious structure, commanding like all the buildings, a superb view of the wooded groves and river of the city.

Faculty Houses. In addition to the President's house two Faculty houses have been erected for the convenience of members of the Faculty. One is a brick and cement structure south of the President's house and the other is a large double house north of Taber Hall on the faculty row.

Gymnasium. The girls' gymnasium is located in Sanford Dormitory, and the general gymnasium is temporarily housed in the basement of the Library Hall. The gymnasium is equipped with showers, apparatus, floor courts, etc.

Allen Athletic Field. This field has been improved at considerable cost, to give an athletic field for all out of door athletic purposes. The field is the gift of Mr. H. B. Allen of Jamestown.

The Library. The Library is located in the new Library Hall. Rev. J. L. Danner, D.D., of New York City, contributed the major

portion of his valuable library, known as the J. L. Danner Library. Dr. and Mrs. Dwight S. Moore also made a substantial gift of books. All books and other material are filed and indexed on the decimal system. There have been also gifts by Rev. J. P. Schell, Mrs. Roderick Rose, Mrs. S. L. Glaspell, Geo. F. Falconer, Judge J. U. Hemmi, the late William Moore, Superintendent of Schools, Bismarck; H. M. Taber, Ben Orlady, Mrs. J. M. Rowe, Dr. A. G. Mendenhall, Hon. Lewis F. Crawford and others. The library is now an excellent up-to-date college library.

LABORATORIES

All the laboratories are fitted with gas, electricity and water. The biological laboratories are equipped with tables and compound microscopes for the use of individual students. An abundance of staining material and apparatus for sectioning and mounting in histological courses is furnished, and the main biological laboratory by its location with a south and east exposure, is exceptionally well lighted throughout the day. Apparatus is new and modern.

For work in physics a large general laboratory, comprising practically one-fourth of one floor of Taber Hall, is equipped with new apparatus. The apparatus has been purchased with a view of enabling the student to do advanced work in the subject, most of which is quantitative in nature. The tables and wall cases are commodious and neat. The room is equipped for work in light with dark shades on all the windows, and a dark room enclosed from the rest of the laboratory. The current, furnished by the city electric circuit, is transformed to a voltage suitable for experimental work, by a special transformer, and a Noden valve is used for changing the alternating current to direct. This laboratory, as well as the biological, is fitted with an electric switch, for attachment of a Bausch-Lomb Balopticon. A stone table makes delicate manipulations possible in experiments calling for this, and a large balance-room apart from the general laboratory is similarly fitted with a stone bench in a well lighted part of the room. A complete radio station is installed and instruction given in all phases of wireless operation.

The chemical laboratory contains tables of the stone trough and sink type, at which students are assigned lockers for their work. A hood of the most approved model is built along one end of the room, and a store and dispensing room is furnished with chemicals required for advanced work. The balance-room adjacent gives opportunity for quantitative chemistry.

A laboratory and class room for courses in domestic science is equipped with all the furnishings and apparatus necessary for courses in this department. Cooking is done with city gas.

The Moral and Religious Tone. In Jamestown College the emphasis is placed on the development of the character. This is the essential feature in Christian education, and is a material aid to the best scholarship. Culture and high ethical ideas are compatible with the scientific learning of the day. No denominational doctrine is taught nor required, but the religious life is guarded as life's highest aim. An untutored mind is better than a twisted character. The beauty and nobility of life is accentuated by moral environment within classic halls.

A chapel service is conducted each day and attendance thereon is required.

All students upon enrollment are required to specify their church connection or choice, and attendance once each Sunday is required. Exemption from this rule is only given upon a special request of a parent or pastor, for some denominational reason. The same is true of daily chapel attendance.

The Day of Prayer for Colleges is regularly observed with appropriate exercises, and is designed to be of help to the student body.

The students have two Christian organizations, the Y. M. C. A. and the Y. W. C. A. Membership in these is voluntary. They are of incalculable value in the religious and social life of the College, and by nature of their organization are eminently suited to bring all students together for mutual, social and ethical advantage. Regular meetings are held, conducted by the students themselves, and interest is stimulated in Bible and mission study. Addresses on Life Work are delivered by business and professional men during the year. The Associations have beautiful separate rooms in Taber Hall, which are probably the finest College Association quarters in the State.

College Paper. The students publish a four-page weekly College paper, The Jamestown Collegian. It is the exponent of student life and thought and greatly stimulates literary effort.

Churches. The fourteen different churches in the city co-operate with the Christian organizations to help the students in their social and religious problems, and the pastors are ever ready to render service. Students select their own church for worship.

Organization. In addition to the Christian organizations the students have four Literary Societies. These are designed to develop efficiency in expression, oratory and forensic discussion. There is a general association called the Students' Association, which is made up of the entire student body and has charge of the oratorical contests and debates and other student affairs. It elects certain officers and members of the Athletic Council, which manages athletics.

The College is affiliated with the other colleges and the State University in the State Oratorical Association and Inter-State Oratorical Association. State and Inter-State debates are held.

The greatest degree of autonomy consistent with the necessary harmonizing of all interests is allowed the student body in the management of student affairs, and special direction by the Faculty is seldom necessary; but all organizations are responsible to the Faculty, and the President of the College, or the Dean in his absence, is ex-officio member of all organizations and committees connected with the institution. No new organizations may be created without special permission of the Faculty, and all constitutions must be submitted for approval.

Regulations. If required, students must submit credentials of good moral character at the time of entrance, and their continuance depends upon good conduct and compliance with all the rules and regulations in force. Culture and refinement are the properties of the campus, and "to do right" the supreme principle of conduct. The College reserves the right to change rules and conditions without notice.

Study hours are reserved each evening, except Saturday evening, which is the social evening, from 7.30 to 10.30. Students are free from College duties Sunday afternoon and evening. Friday evening is designed for meeting of Literary Societies, and other college and faculty functions.

All non-resident students are required to room and board in the Dormitories, unless specifically excused because of self-help. Each case is decided upon its merits by the College authorities.

A spacious laundry is provided for the women in Sanford Dormitory, where pressing of dresses and other wearing apparel can be done. For washing clothes and pressing, a nominal charge is made to cover the use of gas and electricity. Stationary tubs and gas heater are provided. This convenience enables students to reduce their expense to a minimum for laundry.

Rooms. The beautiful new Sanford Dormitory accommodates eighty women students. It is a Ladies' Hall, and the rooms are large, well lighted, all outside rooms, furnished with every modern convenience. It is one of the finest Dormitories in the State, and a delightful home for the women.

Since the rooms are limited, applications for reservations must be accompanied with a fee of \$7 which will apply on the rent. Failure to take the room means forfeiture of the fee. The rooms rent for \$7 a month for each student. This charge includes heat and electric light. A double room can only be had by one person when the

capacity of the hall is not exhausted. In such a case an additional fee of \$4 a month is charged. The student should provide herself with linen, pillow and pillow cases, bedding, laundry bag and toilet articles. The beds are single, and make up in the day time as lounges or couches, giving the room the appearance of a cozy sitting room.

A laundress is employed at the Dormitory, who will do work for the young ladies at a reasonable rate, or they have the privilege of using the abundant facilities for doing their own washing as far as they desire.

The Young Men's Dormitory has the same modern conveniences as Sanford Dormitory. The charge for each student is the same, \$7 per month, including steam heat and electric light. A student wishing a double room alone without room-mate must pay \$4 additional per month. A room-mate must be taken whenever conditions demand it. Reservations can be had by remitting the fee of \$7, which will apply on rent. The beds are single. The student should provide himself with linen, pillow and pillow cases, bedding and toilet articles.

Rooms in both halls are completely furnished with beds, study tables, dressing cases, chairs and window shades.

Failure to take the room reserved means the forfeiture of the fee.

The rooms must not be marred beyond ordinary wear by careful use. A deposit is made at the time of registration, to cover breakage, which is refunded at the close of the year after the room has been inspected and found in good condition.

Board. The dining hall is located on the first floor of Voorhees Chapel and Commons, and is beautifully and artistically arranged. Table board is as low as consistent with wholesome and healthful living. The board is on the co-operative plan; no profit is made, and only the cost is charged the student. The rate has been \$4.75 per week. The policy has been to give thorough satisfaction and guard good health.

Rules Governing Payment. No deduction is made from any bills of the semester of eighteen weeks on account of suspension or dismissal. Board bills are due four weeks in advance.

In case of protracted absence on account of illness, deduction of one-half of the unexpired four weeks will be made, if this amounts to one week, and applied as a credit on board. In all boarding accounts, fractions of weeks will count as wholes.

Room rent for the entire semester must be paid at the beginning

of the semester. Absence within a semester will not entitle a student to reduction from a semester payment for rent.

Tuition is due for a semester in advance.

Where a student is obliged to withdraw from school before the end of the semester, the amount of unused tuition, rent and board to which he is entitled will be covered by a certificate enabling him to use the amount upon return except in the case of suspension or expulsion.

When a student enters after the beginning of a semester or for less than a semester, the charge for tuition will be pro rata for the time agreed upon, at the rate of \$27 per semester.

Expenses. Tuition in all departments, room rent, and fees are for the semester of eighteen weeks, and must be paid strictly in advance. Class registration is not permitted without the possession of the Treasurer's receipt or a special grant from the Registrar.

Tuition for the College or Academy, each semester.....	\$25.00
Incidental fee, each semester	10.00
Library fee, each semester	1.00
Chemistry fee, each semester	4.00
Physics fee, each semester	2.00
Biological Science, each semester	3.00

An enrollment fee of \$1 is charged for students who register late. A fee has been asked for by a vote of the Student Association. The amount is \$2.50 each semester. It takes the place of the Athletic fee, and admits to all games—a considerable saving to students. The Association also collects a fee of 50 cents per semester to defray its expenses.

A small indemnity fee is charged for breakage in the laboratory.

Tuition in School of Music is found under description of that department.

Tuition in the School of Business is found under description of that department.

Diplomas. The fees for diplomas are as follows:

College or Music degree	\$5.00
Commercial Department, and others	2.50

Information Bureau. This bureau is designed to be of help to worthy young men and women who must obtain an education entirely or in part through self-help. It aims to bring the employer and employee together. The opportunities for earning support are many. The method is honorable and highly to be commended to young people of limited means but with a strong thirst for learning. No young man or woman needs to live in this day of educational

opportunities without a college education. For particulars, write to the Information Bureau, Jamestown College, Jamestown, N. Dak.

Athletics. The College stands for the extensive rather than the intensive principle in athletics, the object being to distribute the benefits of both athletic exercises and athletic spirit as widely as possible. Interscholastic games are limited by the Faculty to a reasonable number and interclass and department games encouraged. A member of the faculty accompanies the teams on their trips.

In the management of athletics there are three elements. The Faculty and the Student Association elect an Athletic Board, composed of student, alumni and faculty members. The faculty appoints from its number an Athletic Director, who is also a member of the Athletic Board. The Board has general control of athletics and the Director specific management of the details of athletic affairs.

Athletic letters are awarded on the recommendation of the Athletic Board as to games played, and of the Faculty as to scholarship and conduct.

Book Store. For the convenience of the students a book and supply store is conducted in Taber Hall, where books and all kinds of school supplies can be purchased.



VORHEES CHAPEL AND MUSIC HALL



MEN'S DORMITORY

COLLEGE OF LIBERAL ARTS

(To secure prompt attention, all letters on college business should be addressed to Jamestown College, not to any individual or officer.)

General Requirements for Admission. Good character, and honorable dismissal from the school last attended. A willingness to conform to the requirements and ideals of the College is of course implied.

Preparation. Jamestown College is a member of the North Central Association of Colleges and Secondary Schools. The standard of preparation for admission is the same as that maintained by other strong accredited colleges and universities. It is based upon the policy of accepting the work actually done in the high schools and offering facilities under proper regulation, for supplementing it where necessary.

Admission by Certificate. A certificate of the completion of 15 units from any standard American High School giving four years of work in advance of the eighth grade will admit the student to the Freshman class of Jamestown College, provided three of the units offered are in English (rhetoric, composition and classics) and one in algebra. In accordance with a general rule of colleges, 14 units admit conditionally. A unit will be understood to mean a subject pursued a year of 36 weeks or more at the rate of five recitations a week of 40 minutes each. Laboratory studies, including also such subjects as manual arts, drawing, and others, where much of the work must be done during the recitation, will be counted at the rate of two laboratory periods for one hour of recitation. Four units in vocational subjects, including agriculture, domestic science, manual arts or commercial subjects will be accepted. Such subjects as arithmetic, advanced penmanship, spelling and music will be counted as vocational. Certificates of credit should be mailed to the College early.

Preferred Subjects. Since many college courses are based on some preliminary work in like subjects, it will be greatly to the advantage of the student entering any college or university to be prepared in certain fundamental subjects; such as, Mathematics, two years in one Foreign Language, Science, Social Science and History. This matter should have attention early in the High School course.

Incomplete High Schools. A student who comes from a high school not recognized as a standard four-years high school, will receive entrance credit, without examination in such subjects as are

shown to have been pursued in a manner equivalent to the corresponding courses outlined in the High School Manual of the State of North Dakota. The usual evidence will be a certificate from the proper authorities of the school. Such students may complete their High School work in Jamestown College Academy and enjoy many of the advantage of college life while doing so, since the Academy, though distinct in organization and management, is closely affiliated with the College. Those entering the Freshman class conditionally regularly make up the deficiency in the Academy, but in some instances, where it seems best, academy credit in place of college credit may be given for subjects taken in the College.

Admission by Examination. A student who is not able to enter by certificate may receive entrance credit from the College by examination in any subject recognized as preliminary to a college of liberal arts courses provided he applies to the College for an examination and receives a passing mark.

College Credit for High School Work. This is difficult to secure. Any credit that may be given for excess work done in high school will be based on the following method:

No credit will be allowed unless entrance subjects in excess of 16 units are offered. A student may apply for credit for a course offered by the college which corresponds to some of his work taken in high school.

If his request is granted by the scholarship committee in conference with the department where credit is asked, the student may be permitted to write an examination and receive credit for the course in hours as shown in the college catalog.

The college reserves the right to choose the subjects regarded as meeting entrance requirements. Such advance credits must be adjusted during the freshman year.

Advanced Standing. College credit will be given for work of college grade done in other colleges or in normal or technical schools of acknowledged good standing when properly certified.

Credit From Normal Schools. Students who have completed the one year professional course for High School graduates in an accredited normal school are allowed 30 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the two-year professional course for High School graduates in an accredited normal school are allowed 60 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the regular four-year or five-year normal course are given 15 and 45 semester hours respectively of advanced standing.

Selection of Studies. Students are to select: 1st, requirements in which they are deficient; 2nd, studies required for their class and major; 3rd, prerequisites to subjects which they are to take up later; 4th, sufficient electives to complete their schedules. All student schedules must be approved by the Registrar, and by the Dean if he so desires. The maximum hours a student is permitted to take each semester is 16. For studies above the maximum, application must be made to the Scholarship Committee. This privilege will only be granted where evidence is given of special proficiency. Intensive work is aimed at, rather than extensive. All honors are based upon quality, not quantity.

Classification. A student of Jamestown College Academy may enter the college when he has completed the necessary number of units, having made the required arrangements in advance; but he must graduate from the Academy at the end of the year in which the transfer is made. College students may classify conditionally as Sophomores with a deficiency of 8 hours; Juniors, 6 hours; Seniors, 4 hours.

Summer School. A capable student may shorten his college course to less than four years by attending summer sessions; but he must announce his intention in advance. He will not be allowed to drift into the plan by over-scheduling. Here as elsewhere the policy of the college is to protect the interests of the student both as to scholarship and health. Seven college credits may be earned in a six weeks' summer school term.

Credit by Correspondence. A student who finds it necessary for reasons that meet the approval of the College may earn six credits by correspondence during his college course. This provision refers to genuine correspondence work, not in absentia work.

Majors. Majors are to be selected at the middle of the Sophomore year. A card will be furnished the student, which he is to fill out and deposit at the office. A major consists of from 24 to 30 hours in a department. Majors are offered in the departments of Biology, Chemistry, Education, English, French, Greek, History, Latin, Mathematics, Music, Physics, Religious Education, Romance Languages, Social Sciences. Each major must be approved by the Professor at the head of the department and by the Faculty. The head of a department is the educational advisor of students majoring in his department.

Regular Examinations. Written review tests are given at the regular recitation periods in the sixth and twelfth weeks of each semester. Their results constitute a part of the class grades. Semester examinations are given at the end of each semester on the

entire work of the semester. The result counts one-third of the final mark, class grades constituting two-thirds of it.

Special Examinations. Special examinations will be given when necessary on account of late entrance, sickness, or other unavoidable causes, or for the purpose of obtaining standing in subjects not regularly certified from other schools. A special examination may be granted to a conditioned student by the professor in the subject with the consent of the Dean to be taken after the student has given the subject at least two weeks additional study under the conditions prescribed by the professor. For each special examination a fee of one dollar is charged, which must be paid in advance at the office.

Protracted Absence. A person allowed to enter late or to be absent for unavoidable reasons and expecting credit on all the semester's work, will be required to make up the work missed as rapidly as practicable under the guidance of the teacher and to take examination on it. Such examination shall not be regarded as excusing a student from examination on the complete work of the semester. The examination shall take place within six weeks, unless the absence occurs during the last month of the college year. In that case it may be held during the first month of the succeeding year.

Removal of Conditions. Conditions must be made up, in the way specified by the department concerned, within the succeeding semester. Permission to finish incomplete work may be given by a professor for sufficient reason, the time allowed to be determined by the professor but to be limited in any event to the succeeding six weeks of the student's attendance.

A student may not be enrolled for a new semester if he has failed in half of the work, counted in hours, in which he was regularly scheduled at the end of the preceding semester, unless permission be granted by special faculty action. When such permission is granted, the student is regarded as on probation, and may be dropped at any time by vote of the Faculty. A student who has been dropped may be re-instated at any time by vote of the Faculty, but ordinarily this will not be done until a semester has passed. Such a severance of a student's connection with the College is not regarded as a bar to his honorable dismissal to another institution. In case a student seems likely to fail in any subject at the end of a semester, a warning is to be issued, to both the student and his parents, not later than the twelfth week of the semester. This rule applies to all departments of the institution.

Graduation and Degree. The College offers two baccalaureate degrees: Bachelor of Arts and Bachelor of Science. In order to give a well-balanced fundamental education to all graduates, the fol-

lowing requirements are made for degrees. The adjustment of electives furnishes abundant opportunity for specialization or for a wider culture:

English (1 and 2) required	6	credits
Foreign Language	14 or 17	"
History	6	"
Philosophy (exclusive of Psychology).....	3	"
Bible Subjects	8	"
Public Speaking	2	"
Psychology	3	"
Physical Culture	4	"
Social Science	6	"
Science	8	"
Electives	64 or 61	"

Total number of credits required for graduation124

NOTES. 1. Students offering a biological science for entrance will elect physics or chemistry; those offering physics or chemistry, a biological science.

2. Courses 1 and 2 (or 15 and 2) in Mathematics (8 hours) are required of all candidates for the B. S. degree, and course 15 of those Freshmen who offer but one unit of algebra for admission.

3. If a student is admitted with credit for one unit in a foreign language or with no credit, he must secure language credit in college amounting to 17 semester hours. If he is admitted with two or more units he must secure 14 hours credit in college.

4. Credit will not be given for the first semester in a foreign language until a second semester has been successfully completed.

5. One major, as specified above, is required. Candidates for the B. S. Degree must major in biological or physical science.

Teacher's Professional Certificate. Those who desire the teacher's diploma are required to take 16 hours of educational subjects, in accordance with the State requirements for the First and second Grade Professional certificates. This diploma entitles the holder to such a certificate without examination. See Department of Education.

Honor System. In addition to 124 credits required for graduation, 100 honor points are necessary. These are gained by high rank in regular studies and by faithfulness and efficiency in the special activities and enterprises of college life, such as literary, society work, participation in public programs, success in contests, and the earning athletic letters. An honor roll containing the names of students reaching a specified average grade is posted at the close of each semester.

Graduation Honors. Final honors are awarded to college graduates for high standard of excellence, scholastically, throughout their college course. The special mention will be attached to the diplomas in the usual form according to the degree of excellence attained, such as Cum Laude, Magna Cum Laude, etc.

DESCRIPTION OF COURSES

Courses are arranged under the various department heads in the catalogue in the order of difficulty, as far as may be, beginning with the most elementary. Departments are arranged alphabetically. Three-hour courses regularly recite on Mondays, Wednesdays and Fridays; two-hour courses on Tuesdays and Thursdays.

Odd number courses are regularly given in the first semester, and those bearing an even number in the second semester. An odd and an even number connected by a hyphen means that the course continues throughout the year. The number of hours specified indicates the number of semester credits, not necessarily the actual recitation and laboratory time, though these usually correspond closely to the number of credits. A class in a subject will not usually be offered for fewer than five applicants. In accord with a general custom some of the more advanced courses are offered in alternate years.

ART EDUCATION

Courses are given under private instruction. Terms made known upon application.

ASTRONOMY

1. Introductory Descriptive Astronomy, 3 hours

Howe's elements used as a text. This course may be taken by students who have had no mathematics beyond the preparatory courses, but a knowledge of trigonometry will greatly aid the student. The student will be expected to familiarize himself with the more important constellations, and with the American Ephemeris and like publications.

2. Advanced Astronomy. 3 hours

Young's General Astronomy as a text. Plain trigonometry and a good knowledge of physics are necessary. This is a more mathematical course than 1. Such a course as 1 prerequisite.

DEPARTMENT OF BIOLOGY

1. Invertebrate Zoology. 4 hours

Beginning with the protozoa, a systematic study is made of type forms of all the phylums up to the vertebrates. The work consists

of recitations, quizzes, lectures, and laboratory work. Open to all college students.

2. Vertebrate Zoology. 4 hours

This is a continuation of Course 1 where the higher animals are studied. Physiology and economic importance are emphasized along with morphology.

3. Botany. 4 hours

This is a study of the structure and physiology of seed plants. The department is amply supplied with instruments and equipment to demonstrate germination, respiration, transpiration, photosynthesis, growth, etc. Text book, lecture, field work and laboratory experiments.

4. Botany. 4 hours

Evolution of the plant kingdom. The four great groups of plants—thallophytes, bryophytes, pteridophytes, and spermatophytes are studied in turn with laboratory work on type forms. The department is equipped with enough Baush and Lomb microscopes so that individual laboratory work is done.

5. Physiology and Personal Hygiene. 4 hours

A study of the structure, functions and care of the human organism. Text book and laboratory work. Courses 1 and 2 are prerequisites. A student should also have had some chemistry.

6. Physiology and Public Hygiene and Sanitation 4 hours

A continuation of Course 5. The causes and prevention of diseases; public health; handling of foods; milk supply; water supply; proper housing, and kindred topics. Lectures, reference work, text book, and laboratory.

8. Evolution and Genetics. 3 hours

A study of the theory of Evolution, the theory of Genetics, Mendals law, etc. Prerequisite, Courses 1 and 2 or Courses 3 and 4.

9. Anatomy and Histology. 3 hours

This is a course for those who may want to do more extensive work in dissecting the mammal than is done in Course 2. Largely individual laboratory course.

10. Bacteriology. 3 hours

This is a general course in Elementary Bacteriology and should be of interest to any student. Courses 1 and 2 or 3 and 4 are prerequisite.

11. Teachers' Course. 2 hours

(See Education 12, Special Methods.) This is a course for Juniors and Seniors who are majoring in Biology and expect to teach the

subject. A practical course dealing with course of study, laboratory equipment, text books, supplies, etc.

12. Entomology. 2 hours

A short course on insect life.

DEPARTMENT OF CHEMISTRY

1. Inorganic Chemistry. 4 hours

This is an introductory course in chemistry, open to all college students. The work progresses more rapidly than is the case when taken in secondary school texts. McPherson and Henderson's Advanced Course in Inorganic Chemistry is used as a basis of the course. A laboratory manual is used as a guide in the required laboratory work of the course.

2. Advanced Inorganic Chemistry. 4 hours

This is the natural continuation of Course 1. It may also be elected by those who have had a year of secondary school chemistry. Experiments, many of which are quantitative, are worked in the laboratory, and these are supplemented with lectures and quizzes. The latter part of the course is an introduction to Qualitative Analysis. For this reason the student will make the tests and establish for himself the groups used in analysis.

3. Qualitative Analysis. 5 hours

A thorough course in inorganic chemistry is prerequisite. The work is mainly in the laboratory, but a sufficient number of laboratory periods will be given to enable the student to do the work of the laboratory in an effective manner. The first part of the work is confined to the metals, but as the student becomes prepared for this, work will be given in the acidic elements. Unknown substances will be analyzed constantly.

4. Quantitative Analysis. 5 hours

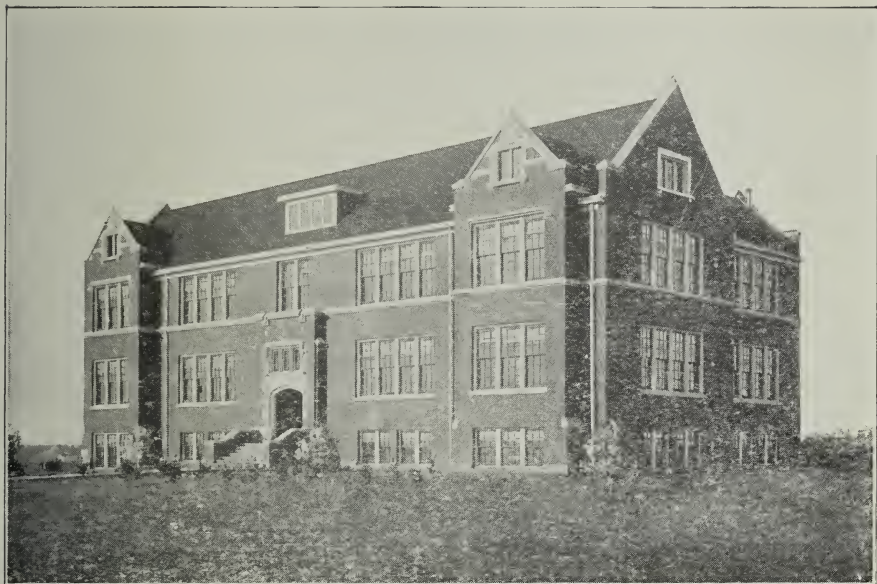
Course 3 is prerequisite. The laboratory work consists of determinations of single elements by approved methods. The lectures will consist largely of discussions of approved methods of analysis and quizzes as to laboratory results. In addition to what has been described, problems of a practical and commercial nature will be discussed and worked in the laboratory.

5. Organic Chemistry. 3 hours

Recitations, lectures and discussions of subjects in organic chemistry. Laboratory work. A text will be followed. Inorganic chemistry is prerequisite.

6. Advanced Organic Chemistry. 3 hours

This course will be given by special arrangement. Course 5 is



TABER SCIENCE HALL



SANFORD DORMITORY

prerequisite. It continues the theoretical work and laboratory work of that course. It comprises also some work in organic analysis.

7. Water Analysis. 3 hours

This is a practical and theoretical course in the chemical analysis of water. The student who so desires may apply his knowledge of chemistry to this field of commercial application of chemistry. The hours of credit noted above may be adjusted to the needs of the student.

8. Applied Chemistry. 3 hours

This course is based on a text and will examine the applications which may be made of chemistry in daily life and in commercial life. Introductory chemistry is prerequisite, but the course may be elected by those who have not had chemistry beyond the general courses.

9. Chemical Calculations. 2 hours

A course is offered in the computations and calculations of chemistry. It is in part a review of some of the laws of the science. It aims to acquaint the student with the use of the slide-rule and with logarithms for chemical purposes.

10. History of Chemistry. 2 hours

A course offered to those who have had sufficient preparation, for the purpose of co-ordinating their previous study of chemical principles and discoveries. Not given every year.

The attention of the student is called to the pre-medical nature of several of the courses above. Those interested in pre-medical work should advise freely with the Department of Chemistry relative to the order of the courses.

EDUCATION

See Department of Education where courses in Education and Teaching are listed and described.

ENGLISH LANGUAGE AND LITERATURE

1-2. Composition. 3 hours

First Semester: Letter Writing and Exposition. Considerable emphasis is placed on the study of paragraphs, sentences and words.

Second Semester: Description and Narration. One novel and a volume of short stories are read for illustrative purposes. Frequent short themes and one long theme in each semester.

Required of all Freshmen.

- 3-4. Outline of English Literature. 3 hours**
- First Semester: Beginning of English Literature to the 18th Century.
- Second Semester: English Literature from the 18th Century to the present. Lectures, collateral reading, discussion.
- Elective for Sophomores, Juniors and Seniors. Alternates with Courses 13-14. Not offered in 1921-1922.
- 5-6. Shakespeare. 3 hours**
- A study in chronological order of all of Shakespeare's plays.
- First Semester: A study of the formative and comic periods of his career ending about 1601.
- Second Semester: Tragedy and romance. Text-book, lectures, discussions.
- Elective for Juniors and Seniors. Alternates with Courses 7-8.
- 7-8. Nineteenth Century Poetry. 3 hours**
- First Semester: A study of the representative works of Wordsworth, Scott, Coleridge, Byron, Shelly, Keats.
- Second Semester: A detailed study of the poems of Tennyson and Browning. Lectures, collateral reading, discussions.
- Elective for Juniors and Seniors. Alternates with Course 5-6 Not offered in 1921-1922.
- 9-10. Development of the English Novel. 3 hours**
- First Semester: A study of the English novel from the Elizabethan beginnings to and including Dickens, Thackeray, George Elliot.
- Second Semester: Development of the Modern Novel. England France, Russia, Scandinavia, Germany, Italy and Spain. Lectures, assigned readings, reports and discussions.
- Elective for Juniors and Seniors. Alternates with Course 11-12. Not offered in 1921-1922.
- 11-12. Development of the English Drama. 3 hours**
- First Semester: A study of the development of the English Drama from the crude beginnings in the miracle and morality plays through the Elizabethan Age.
- Second Semester: A study of Modern Drama, Goldsmith, Sheridan, Tennyson, Browning, Shaw, Ibsen, Hauptmann, Sudermann, Maeterlinck. Lectures, assigned readings, reports, and discussions.
- Elective for Juniors and Seniors. Alternates with Course 9-10.

13-14. American Literature. 3 hours

A detailed study of prose and poetry of America from the beginning to the present. During the course special emphasis will be placed on the American Short Story. Text book, lectures, assigned readings, discussions.

Elective for Sophomores, Juniors, Seniors. Alternates with Courses 3 and 4.

15. English Literature of the Last Half Century 2 hours

A study of Meredith, Hardy, Stevenson, Shaw, Kipling, Conrad, Wells, Bennett and Galsworthy. A systematic reading of the authors of our time and the generation immediately preceding ours. Lectures and discussions. Offered 1920-1921 and in alternate years.

16. Teachers' English. 2 hours

Study of the History of the English Language as a background preparation for the teaching of English.

Review of the high school course in English; and the aims and methods of the teaching of Composition and Literature.

Elective for Juniors and Seniors. Offered in alternate years. Not offered 1921-1922.

English 17. Literary Appreciation and Criticism. 2 hours

A study of the rise of criticism, its problems, methods, and critical apparatus; an attempt to discover the basis of literary judgment. This course involves a great variety of reading of different kinds of current literature from the standpoint of real value and social tendency.

English 18. Newspaper Writing. 2 hours

A study of the elements of news writing and style form the basis of the work. Proper attention is given to writing heads, structure of news stories, reporting and gathering of news, and other forms of elementary journalism.

Prerequisite English 1 and 2. Offered 1920-1921 and alternate years.

English 19. Advanced Composition. 2 hours

A course in higher composition involving the writing of the essay, short story, drama. Students must have shown previous proficiency in original writing and have special permission to enter this class. Offered in 1921-1922 and in alternate years.

20. Argumentation.

2 hours

Primarily a thought course. A detailed study of the theory and practice of Argumentation applied to topics of interest and importance. A semester forensic is required. Text-book discussions, reports.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 19.

Major. The requirement for a major in English is 28 hours. The courses, however, must be so distributed as to cover each literary type such as the drama, the novel, and the chief poetic forms.

A survey course in English literature and the Teachers' course are essential to a major.

EXPRESSION

See Department of Oratory and Dramatic Art.

FRENCH

The courses of study in French are designed to afford a high degree of literary culture, as well as to impart a thorough training in the grammar and linguistics of the language.

All the courses are conducted chiefly in French; also the Cortina phonograph method is used to train the student in the hearing and making of French sounds; and as an aid to phonetic instruction.

Attention is called to the rule that "credit will not be given for the first semester of a foreign language until a second semester has been successfully completed."

1. Beginners' Course.

4 hours

Fraser and Squair's French Grammar, Part 1, will be completed. Talbot "Le Francais et sa Patrie" will be read in class.

2. Continuation of Course 1.

4 hours

Composition work from the grammar once per week. Reading, translation and conversation. Text book: "French Short Stories," Buffum.

3. French Literature.

3 hours

Readings of the following texts or their equivalents with written summaries, translation and conversation based on them:

"Barbier de Seville," Beaumarchais; "Les Trois Mousquetaires," Dumas; "Le Cure de Tours," Balzac; "Columba," Merimee; "Les Miserables," Hugo. Composition once a week—Koren, "French Composition."

NOTE:—A special section is organized for those who present but one year of high school French.

4. Composition and Literature.

3 hours

Reading and discussion of the following texts: "Le Juif Polonais," Ereckmann-Chatrian; "Le Malade Imaginaire," Moliere; "Picciola," Saintine.

5. Eighteenth Century Literature.

3 hours

Study of the historical setting, and the history of the literature with Fortier's "Histoire de la Litterature Francaise" as a basic text. Rapid reading of masterpieces by Voltaire, Rousseau, LeSage and Beaumarchais.

6. Nineteenth Century Literature.

3 hours

A survey of the different literary movements of the nineteenth century in France, their causes and effects. Recitations based on Fortier's "Sept Grands Auteurs." Rapid reading of representative texts, with special emphasis on drama and poetry. Outside reading and reports.

7. Seventeenth Century Literature and History.

3 hours

Particular attention is given to the social and historical setting. Students reports on topics connected therewith, also oral summaries of works read outside. Representative works of the following authors will be read and discussed: Moliere, Corneille, Racine, La Fontaine, and Mme. Lafayette. Recitation in French once per week from Fortier's "La Litterature Francaise."

8. Outline Course in French Literature.

3 hours

Much attention is given to the Literary Monuments of the Old French Period. Chanson de Roland; Aucassin et Nicolette, etc. Reading of some Renaissance work. Some Nineteenth Century reading with special emphasis on the novel.

NOTE:—Courses 7 and 8 are not given during 1920-1921, as they alternate with Courses 5 and 6.

French 10. Teachers' Course.

2 hours

Study of French civilization and history as a background for the teaching of French. Free composition on assigned masterpieces of French literature. Practice in French conversation based on "French Daily Life."

NOTE 1:—French 10 counts toward the 16 hours Education requirements.

NOTE:—2. Students who expect to teach French and wish a recommendation from the department must take this course.

This course alternates with the Spanish Teachers' Course and is not offered in 1921-1922.

French 12. Composition and Conversation.

2 hours

A more extensive drill than is possible in the regular literary courses. The basis of the work will be principally French magazines and French newspapers. A French book on contemporary French life and culture will be used.

Prerequisite French 3. This course is designed to accompany the work in French 4 or 6.

The Department furnishes French daily papers and illustrated monthly magazine to be used by the students and by the Cercle Francais.

Major. A major in French usually requires continuous work in the language throughout the college course, unless French is presented upon entrance. A teaching major must not be less than twenty-eight hours.

GEOLOGY

1. Dynamic and Structural Geology.

3 hours

Chamberlain and Salisbury used as text. Special readings and reports from the publications of the United States Geological Survey, and from other publications of similar character. The course will be carried into historical geology by means of lectures with the lantern. As much field work as feasible will be done. It is the aim of the course to cover the subject in a manner to give it value as an introduction to further work and as a study for general culture and information.

2. Historical Geology.

3 hours

A more intensive study of some of the topics introduced in Course 1. Folios of the United States Geology Survey used largely for reference. The course may be elected to follow Course 1 immediately or at somewhat later date.

3. Economic Geology.

3 hours

A course which presents geological facts as they influence commercial and economic conditions. Given by arrangement, on application.

4. Meteorology. 3 hours

A course in meteorology and the phenomena of climate. Given by special arrangement with the instructor.

GERMAN

1. Drill Course. 3 hours

Rapid reading of modern texts with oral and written reproduction. Moser, *Der Bibliotekar*; Meyer, "Der Schuss von der Kanzel"; Lessing, "Minna von Barnhelm." Composition once a week on Paul Bacon's "German Composition."

2. Classic Period. 3 hours

Goethe and Schiller, "Jungfrau von Orleans"; Goethe, "Hermann and Dorothea." Continuation of weekly composition.

3. Modern Literature. 3 hours

Suderman, "Frau Sorge"; Hauptman, "Die Versaunkene Glocke"; Fulda, "Der Talisman." Composition based on Pope's "German Composition."

4. Lessing. Continuation of Composition. 3 hours

"Nathan der Wiese," "Emilia Golotti," Lessing's Dramatic Theory.

5. Introduction to German Literature. 3 hours

Main movements and products of the national literature. Assigned readings and informal lectures.

6. Schiller. 3 hours

"Wallenstein." Discussions of the causes of the Thirty Years' War and its effects upon Europe. Comparison of the real Wallenstein with Schiller's idealized hero.

GREEK

1-2. Elementary Greek. 4 hours

In the grammar, stress is placed upon the mastery of inflections, sentence structure and idiomatic usages. Constant drill in oral and written exercises. Xenophon's "Anabasis," first book, with careful drill in construction, accompanied by prose based on text.

3. Xenophon. 4 hours

"Anabasis," books 2, 3 and 4. Syntax and composition, the same as Course 2. Prerequisite—Courses 1 and 2.

4. Homer. 3 hours

"Iliad." Three to six books, or selections equivalent. Study of the life of the Homeric Age, constant practice in the reading of verse. Particular attention paid to Homeric forms. Prerequisite—Course 3.

5. Greek Philosophy. 3 hours

Plato's "Apology" and "Crito," with selected passages from Xenophon's "Memorabilia." History of Greek Philosophy. Prerequisite—Courses 1, 2, 3 and 4.

6. Homer. 3 hours

"Odyssey." Six to nine books. Rapid reading of verse. Style. Homeric forms and metrical peculiarities carefully studied. Prerequisite—Courses 1, 2, 3 and 4.

7. Introduction to Greek Tragedy. 3 hours

One play each selected from Sophocles and Euripides studied critically. Origin and history of the Attic Drama. Prerequisite—Courses 4 and 5.

8. Oratory. 3 hours

Demosthenes' "Corona" and selections from Lysias. Study of style, method and matter of the orations. Informal treatment of the political career of Demosthenes. Prerequisite—Courses 1 and 2.

9. History of Greek Literature. 3 hours

Informal lectures. (May be taken by students who do not read Greek.) Elective.

10. Greek Comedy. 3 hours

Intensive study of the "Clouds" of Aristophanes. Study of development of old and new comedy. Elective. Prerequisite—Course 4.

11. New Testament Greek. 3 hours

(Selections are made from the above courses to meet the needs of the students.)

HISTORY

1. General History. The Ancient Period. 3 hours

The design of this general course is to give a working knowledge of the outlines of history and to lay a solid foundation for later



SANFORD DORMITORY VIEWS

- 1 The Building. 2 Reception Room. 3 Dining Hall. 4 Stair Case.
 5 Open Parlor. 6 Laundry. 7 Girl's Single Room. 8 The Entrance.
 9 Girls' Double Room. 10 Studio. 11 The Office of Preceptress.

specialization. Lectures, readings, discussions, etc., with especial emphasis on thorough class-room work.

2. General History. The Mediaeval and Early Modern Periods. 3 hours

Continuation of Course 1.

3-4. General History. The Modern Period. 3 hours

Following Courses 1 and 2. A careful study of the modern period from the age of Louis XIV until the present time. Special stress laid upon the great national movements of the nineteenth century, with discussion of modern European politics. Methods as above.

5-6. English History. 3 hours

This course traces the period of the origin and growth of English nationality. The work requires investigation of secondary and original sources, and the preparation of papers.

7-8. American History. 3 hours

Constitutional development is especially emphasized, with attention to current events and historical methods. This course alternates with that in English history.

9-10. Ancient History. 2 hours

This course plans a detached study of Greek and Roman history, from the earliest time to the fall of the Western Empire. All phases of the ancient civilization are carefully noted. Individual research, papers, etc., required.

11-12. Current History. 2 hours

This is a course in the study of contemporaneous events, both at home and abroad, with brief reviews of most recent history where such knowledge is requisite. Individual research is the method employed, with lectures, etc.

LATIN

1. Elementary Latin. 3 hours

Rapid course for college students. Pronunciation, inflections, and constructions.

2. Caesar. 3 hours

Selected extracts from "The Gallic War", Books I to VII.

- 3. Cicero** **3 hours**
 Selected orations.
- 4. Vergil.** **3 hours**
 Selected extracts from six books of the Aeneid.
 (Courses 1 to 4 inclusive are provided for students who do not offer Latin for admission.)
- 5. Cicero and Terence.** **3 hours**
 Cicero, "De Senectute" or "De Amicitia" or both. Latin composition at sight and hearing. Terence, "Phormio." Introduction to Latin comedy. Prerequisite courses 1 to 4.
- 6. Livy.** **3 hours**
 Selections from books 1, 2, 21 and 22. Study of the Roman monarchy, the rise and growth of Roman institutions and the period of the Punic wars. Prose at sight and hearing. Prerequisite—Course 5.
- 7. Horace.** **3 hours**
 Odes and Satires. The characteristic of the Ode and Satire, the different meters, with practice in the reading of verse and Horace's philosophy of life will be studied with care.
- 8. Roman Satire.** **3 hours**
 Continuation of Course 7.
 Selections from Horace and Juvenal's Literary Art, and portrayal of Roman society of the period.
- 9. Myth Course.** **2 hours**
 A study of Latin, Greek, Egyptian, Scandinavian, German and other myths. No Latin required. Essentially a literary course. Illustrated where possible. Text, "Bullfinch's Age of Fable." All students are advised to elect this work at some time in their course.
- 10. Roman Private Life.** **2 hours**
 A study of the daily life, customs, art, and architecture of the Roman people. Illustrated where possible. May be taken as a literary or history course by those having had little or no work in Latin. Text suggested, "Johnston's Roman Private Life."
- 11. Teachers' Course.** **3 hours**
 Pronunciation and reading of prose and verse, with rapid study

of syntax and principles of Latin order. Selections read from academy and high school texts. Prerequisite—Courses 1, 2, 3 and 4.

12. Cicero's and Pliny's Letters. 2 hours

Political character and history of the times, with Cicero's own political principles, philosophy and conduct. Also selections from letters of Pliny, with study of early empire. Comparison of the closing years of the Republic and the early empire.

13. Horace. 3 hours

"Tacitus," "Agricola" and "Germania." Content and style studied. Rapid reading of Latin aloud.

14. Livy Prose. 2 hours

Based on Book XXI, with selections from other books. Required for a major in Latin.

15. Latin Comedy. 3 hours

The plays of Plautus and Terence. Detail study of one or two plays of each. Early Latin forms, syntax, versification and relation of the plays to Greek originals.

16. Roman Oratory. 2 hours

Cicero. "De Oratore" and selections from other works on oratory studied.

17... Lucretius. 2 hours

"De Rerum Natura." Literary study and rapid reading of verse.

18. History of Roman Literature. 2 hours

General survey through informal papers and topical reports. Prerequisite—Courses 1 to 6.

(Selections are made from the above courses to meet the needs of the students.)

MATHEMATICS

Students expecting to take a course in engineering should take Courses 1, 2, 3, 4, 8, 9, 11 and 12.

Students intending to teach Mathematics in High School should elect at least 15 hours from the following courses: 1, 2, 3, 8, 10, 11 and 13.

Students studying Mathematics for its cultural and educational value, will do well to take courses 1 or 15, 2, 3, and 11.

- 1. College Algebra. 4 hours**
- A thorough review of the Elementary Principles of Algebra, with the more advanced topics, such as Mathematical Induction, Permutations, Combinations, Theory of Equations, Partial Fractions, Series, etc. Prerequisite—One and one-half years of Algebra and one year of Plane Geometry. See Mathematics 15, a course in College Algebra where only one year of High School Algebra has been had.
- 2. Plane Trigonometry. 3 hours**
- The theory and use of Logarithms; the development and applications of the general formulas of trigonometry; the solutions for right and oblique triangles, with problems of practical application. Prerequisite—Mathematics 1 or 15, and one-half year of Solid Geometry. Provided that Mathematics 14 may be taken simultaneously with this course in lieu of the Solid Geometry requirement.
- 3. Plane Analytic Geometry. 3 hours**
- Systems of co-ordinates; the relations of equations and their loci; standard equations with their general properties, numerical problems and applications. Prerequisite—Mathematics 2.
- 4. Solid Analytic Geometry. 3 hours**
- Co-ordinates in space, straight lines and planes, special surfaces and tangents. Prerequisite—Mathematics 3.
- 5. Mathematical Theory of Investment. 3 hours**
- This is especially valuable for students of business and public affairs. It deals with the mathematics of simple and compound interest, annuities, amortization of debts, valuation of bonds, sinking funds and depreciation of property, building and loan associations, life insurance, etc. Prerequisite—Mathematics 2.
- 6. Spherical Trigonometry. 2 hours**
- Geometrical principles, solution of right and oblique spherical triangles with problems of practical application. Prerequisite—Mathematics 2.
- 8. Mechanical Drawing. 2 hours**
- Instruction in the use of instruments. Geometrical problems, orthographic projective and development of surfaces.
- 9. Surveying. 3 hours**
- A theoretical and practical course in land surveying, topograph-

ical surveying, leveling, calculation of areas and computation of earthwork. Prerequisite—Mathematics 2. Given odd-numbered years, alternating with Course 10.

10. Elementary Mechanics. 3 hours

This course treats of the action and effect of forces on matter and the laws governing the movements and equilibrium of bodies. Open to those who offer Physics for entrance. Prerequisite—Mathematics 2. Given even-numbered years, alternating with Course 9.

11. Differential Calculus. 3 hours

Rules and formulae of differentiation, expansion of functions, indeterminate forms and applications. Prerequisite—Mathematics 3 and 4.

12. Integral Calculus. 3 hours

Principles of integration and their application to curves, areas, volumes, etc. Prerequisite—Mathematics 11.

13. History and Teaching of Mathematics. 2 hours

A brief study of the History of Mathematics and discussion of the object and method of teaching Mathematics in the High School. (See Course 11 under Education.) Given odd-numbered years.

14. Solid Geometry. 2 hours

A brief course for those who do not offer Solid Geometry as an entrance requirement. Required of those majoring in Mathematics.

15. Advanced Algebra. 4 hours

A review of High School Algebra, with advanced topics of college grade. This course is intended to accommodate Freshmen who offer but one unit of algebra for entrance. This course will count for only three hours toward a major in mathematics. Prerequisites—One year algebra and one year of plane geometry.

MUSIC

The following College credits are given for work in the Musical department: Harmony 1, 2; Harmony 2, 2; Harmony 3, 2; Theory 4, 2; Ear Training, 1; Sight Singing, 1; History of Fine Arts, 2.

For courses, see Department of Music.

A maximum of eight College credits for Practical Music may be

given to students in music who have taken at least four years. Special Faculty action is necessary for work done prior to 1916-1917.

Glee Clubs, Band, Orchestra and other musical organizations are maintained in the College. Jamestown is one of the principal stations on the transcontinental route for entertainment companies, and therefore furnishes the highest grade of talent in its public entertainments. The musical element in College life is decidedly strong.

PHILOSOPHY

The courses in the Department of Philosophy are open to students after they have completed their freshman year. A text is generally used, but frequent lectures are given. It is designed to not only give the development of philosophic thought, but also to cultivate the ability of independent thinking and philosophizing.

1. General Psychology. 3 hours

A foundation is laid in a careful but rapid study of the functions of the nervous system and its relation to mental life. The fundamentals are developed. Some attention is paid to the claims of the different schools of Psychology.

A text is used as a guide to study. Discussions, lectures and collateral readings develop the course.

Open to Sophomores.

2. Social Psychology. 2 hours

The social mind, its factors and its expression in the customs, institutions and eccentricities of the people. Text, lectures, readings and discussions.

Prerequisites. Psychology 1 and Social Science 9, 10 or 12.

3. Logic. 3 hours

Deductive, with a practical treatment of inductive reasoning. Practice is given in sound reasoning and argumentation.

4. Ethics. 3 hours

The careful study of the leading systems of ethics, with an endeavor to discover the true basis of obligation and the fundamental principles of moral conduct. Lectures are given and texts used.

5-6. History of Philosophy. 3 hours

History of Ancient, Mediaeval, and Modern Philosophy. A survey

of Greek, Roman, patristic, and modern speculative thought. Texts and lectures. Critical readings from Plato's Republic; Aristotle's Metaphysics; Descartes' Meditations; Locke's Essay on the Human Understanding; Berkeley's Principles of Human Knowledge; Hume's Treatise on Human Nature; and Kant's Critique of Pure Reason.

8. Movement of Thought in the 19th Century. 2 hours

Special course. Course 5 is prerequisite. The leading speculative theories of the past century are critically analyzed. Philosophical investigation and philosophizing are cultivated.

PHYSICS

1. Introductory Physics. 4 hours

It is not possible for all students to have pursued introductory courses in Physics for entrance. Introductory courses more advanced in scope than secondary physics are here given. It is expected that students who desire an acquaintance with the subject equivalent to what has been known for years as "College Physics" will continue in some of the later courses.

Mechanics and Sound. Lectures, demonstrations, and note-book work. Mathematical preparation should include all the secondary school algebra and plane geometry.

2. Introductory Physics (continued). 4 hours

In general, the student who begins Course 1 is expected to continue through 2. The method of the course is the same as that of 1.

3. Advanced Physics. 5 hours

Mechanics, Sound, Heat. This is the first course in advanced physics. Mathematical courses, through college algebra and trigonometry and introductory physics are required. Courses 3 and 4 comprise a year of continuous work, but credit will be given for a single course.

4. Advanced Physics. 5 hours

Light, Magnetism and Electricity. Continuation of Course 3. Course 1 prerequisite.

5. Special Experimental Course. 3 hours

A course designed to give the student an opportunity to work with apparatus requiring careful manipulation. Courses 1 and 2 are prerequisite.

6. Mechanics.

3 hours

A problem course for which credit will be given as a course in science. For further description, see mechanics course under Mathematics.

7. Radic-Telegraphy.

2 hours

The theory of electric waves as applied to radio-telegraphy and radio-telephony. Lectures, recitations and laboratory work. The student must have had a year or more of college physics and courses 1 and 2 in Mathematics. The college is equipped with a wireless station, giving opportunity for practical work.

PUBLIC SPEAKING

(See Department of Oratory and Dramatic Art)

RELIGIOUS EDUCATION AND SUNDAY SCHOOL METHODS

This department has made a substantial development. Always first must come Bible study. The incomparable character of the Bible and its acknowledged effect on spiritual growth render an opportunity to know it thoroughly a privilege to be sought and welcomed. The courses below recognize the value of the Bible both as history and literature, and in impressing religious truth. In them, interpretation of the Bible is from a point of view positively Christian and intelligently conservative. The same standard of scholarship is maintained here as in other departments. Thorough preparation and careful work are required. A student who has faithfully pursued these courses may feel assured of a good knowledge of the Bible. But in view of the increasing demand for trained Christian leadership in the Sunday school and in various forms of lay activity, the Department offers certain other courses, specified below, that will fit students for such service. Such courses are open to persons not regular students.

1-2. Problems and Discussions in the Old Testament.

2 hours

The stress will not be laid on the mere narrative, but the attempt will be made to handle the difficulties and to give a thorough knowledge of Hebrew History and the development of the Kingdom of God up to the coming of Jesus Christ. Lectures and discussions, with assigned readings and papers.

3. Hebrew Prophecy.

2 hours

A study of the Prophets and their messages.



THE LIBRARY HALL



CENTRAL HEATING PLANT

- 4. Problems and Discussions in the Life of Christ, 2 hours**
 This course is based on the Gospels as arranged in Stevens' and Eburton's Harmony and the same methods as in Courses 1 and 2 are employed.
- 5. Apostolic Church History. 2 hours**
 A general course on the beginning of Christianity, and the history of the Church during the first century.
- 6. History of the Bible. 2 hours**
 A course taking up questions of authorship, scope, environment, etc., of the books of the Bible; textual criticism, the Canon, versions etc.; and especially the history of the English Bible.
- 7-8. Church History. 2 hours**
 A rapid review of the development of the Ancient and the Mediaeval Church, followed by a fuller course on the modern period.
- 9. A History of Missions. 2 hours**
 A study of the world-wide spread of Christianity and the Christian civilization, especially in modern times.
- 10. Comparative Religion. 2 hours**
 A study of other faiths, especially of the great ethnic religions with which Foreign Missions deal.
- 11. Literary Study of the Bible. 2 hours**
 This course will use Moulton's Introduction to the Study of the Bible.
- 12. Theism and the Evidences of Christianity. 2 hours**
 A general course on these subjects, based on a text-book, with free discussions and constant reference to Scripture.
- 13. Christian Theology. 2 hours**
 A brief outline for lay workers. Lectures, readings, etc.
- 14. Social Principles of Jesus. 2 hours**
 A study of the relations of the principles laid down by Jesus to modern social problems.
- 15. The Sunday School and Its Methods. 2 hours**
 A text-book is used, with lectures, discussions, and papers. The aim is to make this work a practical training with constant reference to present-day needs.
- 16. The Sunday School Teacher. 2 hours**
 A practical course on the work of the teacher, with a study of child psychology.

17-18. New Testament Exegesis.

2 hours

A Gospel and an Epistle for critical study.

19. Bible Masterpieces.

2 hours

SOCIAL SCIENCES

This department comprises Sociology, Economics, Political Science, and International Law. These sciences are of vital importance because they involve direct application of all scholarship and intellectual power to the practical problems of life, especially on its public side; and also because their study, investigation, and discussion furnish an especially effective drill in the methods of thought by which the public questions of the time (so pressing at present) are to be understood and appreciated. No educated citizen of a free country facing what America faces today can afford to lack a thorough grounding in the social sciences as a fundamental element in his college training. A growing appreciation of this fact accounts for the rapid increase in interest in these subjects in colleges in recent years.

1. American Government.

3 hours

An advanced study of the government of the United States as a basis of comparison with other modern governments and especially from the point of view of the origin and development of modern democracy. Especial attention is given to the actual working out in practice of our federal representative system through supra-constitutional and extra-legal devices. Current applications are made.

2. Elements of Political Science.

3 hours

The origin, nature, forms and functions of the State; a comparative study of modern governments, including new governments and the League of Nations.

3. International Law.

3 hours

A general introductory course considering the subject historically and giving special attention to current topics and development.

5. Elementary Economics.

3 hours

The text book is supplemented by informal discussions and research work. Much practice and concrete problems. Attention is given to current events illustrating economic principles.

6. Economic Principles and Problems.

3 hours

This course may be taken as a continuation of Course 5. It gives a more advanced presentation of the principles of economics and discusses their application to practical problems, including public finance and taxation.

7. Applied Economics.

2 hours

Selected problems are discussed, differing in different years, always in a very concrete way and with much attention to current application, internationally, nationally, and locally.

9. Principles of Sociology.

3 hours

The relations of Sociology to the other social sciences; the realities that make up the general life of a people; customs, institutions, social classes and castes; social control, social genesis, social values and ideals.

10. Principles and Problems of Sociology.

3 hours

This course may be pursued as a continuation of Course 9. It presents further discussion of principles and additional applications to social problems.

12. Applied Sociology.

2 hours

Various applications of the facts and principles of sociology to concrete problems are considered, different selections being made in succeeding years. Current applications and local and State conditions receive special attention.

SPANISH

1. Elementary Spanish.

4 hours

The object of this course is to give a working knowledge of the fundamentals of Spanish grammar, a speaking command of simply idiomatic Spanish, and a basis for literary study. Text books: De Vitis Spanish Grammar, and De Vitis "Spanish Life"; Morrison: "Tres Comedias Modernas"; Alarcon: "El Sombrero de Tres P.cos."

2. Continuation of Course 1.

4 hours

3. Reading, Composition and Conversation.

3 hours

(Open to students who have completed Courses 1 and 2 or have 8 hours credit in Spanish.)

Basis of written work and conversation: Warshaw, "Spanish-American Composition Book"; reading of representative plays and novels with brief resume of the history of Spanish Literature.

Becquer, "Cuentos Cortos"; Galdos, "Dona Perfecta"; Gutierrez, "El Trovador"; Cervantes, "Selection from Don Quixote."

Also a Spanish magazine, "El Boletin de la Union Pan-Americana," will be used for class work.

4. Continuation of 3.

3 hours

5. Spanish Literature.

3 hours

History of the Literature based on Ford's "Outlines of Spanish

Literature." Reading especially centered on the literature of the Golden Age. "Seletions from Don Quixote" (Heath & Co.). Representative plays by Lope de Vega, Ruiz de Alarcon, Calderon, Tirso de Molina.

6. Spanish-American Culture and Literature. 3 hours

This course will begin with a study of the history and literature of the Revolutionary Period in South America. Coester's "Literary History of Spanish America" will be the basis of the study of the authors. Works from such authors as Jorge Isaacs, Jose Marmol, Ruben Dario will be read in Spanish. Also the magazine "Inter-America" will be used.

7. Study of Spanish Novel and Drama. 2 hours

Novels of the different periods will be read with special emphasis on those of the last fifty years: The dramas read will be those of the dramatists popular in Spain today.

8. The Spanish American Novel. 2 hours

Primarily a rapid reading course designed to give the student an idea of the South American republics as we find their life reflected in their novels.

Courses 7 and 8 alternate with 5 and 6.

Courses 7 and 8 offered 1921-1922.

9. Teachers' Course. 2 hours

A study of the development of the Spanish language and racial influences upon it. Survey of current text-books and their values. Wilkins' "Spanish Methods in High School" will be a basis of recitation. Students in this course will be asked to conduct recitations occasionally.

10. Spanish Conversation. 1 hour

Conversational work will be based on the Cortina phonograph method. Students will converse on assigned topics. This course is open to students who have completed Courses 1 and 2, or students of special proficiency who are taking Course 1.

Major—The major in Romance Languages—French and Spanish—is to be recommended, as there is a great demand for this combination. The requirement is French 22 hours and Spanish 16 hours.

DEPARTMENT OF EDUCATION

Aims of the department: First, to offer to such students as may desire to qualify for the first grade professional certificate a group of Educational courses from which a selection totaling at least 16 hours can be made that will, upon his receiving his degree, entitle him to such certificate. The work here outlined conforms to the requirements of Section 871 of the General Laws of North Dakota. Second, to offer to qualified students every possible assistance in securing teaching positions. Third, to offer a major of 28 hours in Education and Psychology to such students as may wish to specialize in these subjects in order to fit themselves for the teaching and administrative functions in the field of public education.

As many as five hours of Psychology may be counted toward the 16 hours of Education required for certification. Students wishing to emphasize Psychology, may count the courses in the Psychological aspects of Education as Education, or as Psychology.

COURSES

1. Introduction to the Study of Education. 2 hours

This course is designed to introduce the student to the scientific study of Education. Text-book, collateral readings, observations and reports. Required of all students majoring in Education or seeking certification in North Dakota.

2. History of Education. 3 hours

An attempt to acquaint the student with the vital facts in the History of Education, with a distribution of emphasis according to their relative importance. Text-book, lectures and reports.

3. Educational Psychology 3 hours

An introductory course that treats the fundamental psychological problems that underlie successful class-room and administrative methods. The nature of the child and the nature of the adolescent are considered in relation to school work. Text-book, lectures and collateral readings. Prerequisite, Psychology 1.

4. Educational Tests and Measurements 3 hours

This course is designed to acquaint the student with standard educational tests, their literature, method and growing use in the educational field, and to give him some experience in giving tests and scoring results. The course is vital to all students expecting to

be associated with administrators who use modern methods. Text-book, lectures and reports. Prerequisite, 5 hours of Education.

6. Intelligence Tests **3 hours**

A brief survey of the literature in this field will be made. An intensive study will be made of some chosen scale, its methods of construction and the validity of its results. Some time will be devoted to a consideration of the different types of scales. Prerequisites, Psychology 1 and 5 hours of Education. This course alternates with course 4.

7. School Administration. **3 hours**

A survey course covering the whole field of Administration, organization, grading and promoting instructional aspects and school costs. Particular attention will be given these problems as they relate to North Dakota. This course is designed to meet the needs of those who expect to become administrators. Lectures, readings and reports. Open to Juniors and Seniors. (This course alternates with course 2.)

8. Methods of Modern Elementary Education. **2 hours**

This course treats of the teacher's class-room methods in the elementary school, the selection and organization of subject-matter, and the planning and testing of teaching. Text-book, observation of teaching in an elementary school, reports and collateral readings. Prerequisite, Education 1.

9. Social Aspects of the Educational Problem. **2 hours**

This course treats school problems in their social relationship. The curriculum is examined for its social content. The social objectives of education in various fields are studied with the material of instruction offered for achieving their aims. Text-book, collateral readings and reports.

10. Methods of Teaching in the High School. **3 hours**

A course in general method for students who contemplate teaching in the high school. This course is concerned with the actual problems of effective class-room instruction. It is made concrete and practical by numerous examples chosen from actual experience. Text-book, observation of teaching and reports. Open to Juniors and Seniors. (This course alternates with 8.)

11. Philosophy of Education. **2 hours**

This course presupposes some knowledge of Educational Psychology and aims to sum up and correlate the student's educational

ideas into a harmonious whole. Text-book, reports and discussions.

12. Psychology of High School Subjects. 2 hours

The psychological approach in learning high school subjects. A text is used. Collateral readings, lectures and reports. Open to Juniors and Seniors having Psychology 7 and Education 10.

14. Advanced Course in Educational Method 2 hours

A course in comparisons and evaluations of methods. No text is used, but an outline is followed. The literature of the field is surveyed and its essential features correlated, and unified into a logical whole. Open only to advanced students majoring in Education and others by special permission. (This course alternates with 12.)

15. The Problem of Administration and Supervision in the High School. 2 hours

An attempt to give to prospective administrators and supervisors in the high school a working knowledge of their functions.

A text is used as a guide. A large number of assigned readings required. Lectures, reports and discussions.

Open only to advanced students majoring in Education.

17. The Junior High School. 2 hours

The origin, organization, administration and pedagogical justification of the Junior High School. A text is used and numerous assigned readings required. Prerequisites, Psychology 1 and five hours of Education. (This course alternates with 15.)

Practice Teaching.

An opportunity for practice teaching is offered to all students preparing to teach in the secondary schools. A minimum of about forty hours is expected unless the student has had actual experience and is excused from the requirements by the head of the department.

Special Methods.

In addition to general methods in secondary education as outlined in course 10, opportunity is offered to students to study methods co-ordinate with their principal subjects or their majors. These courses may be arranged for with the proper departments of the College and reported to the Department of Education. In general the credit allowed for such courses will be two semester hours, and a total of not more than six hours will be credited toward the certification or toward the major requirement.

Note—Additional Courses in General Psychology are found under the department heading of **PHILOSOPHY**.

A TEACHER'S SECOND-GRADE PROFESSIONAL CERTIFICATE COURSE.

This course consists of two years' curriculum designed for teachers who wish to secure a second-grade professional certificate.

Students taking this course must have completed a four years' High School course of approved standing, the same as required in other college courses. The student must specifically enroll for the two-year Normal course at matriculation.

This course consists quantitatively of one-half the semester hours required for graduation from the College. Sixteen semester hours of professional subjects as outlined in the Regulations of the State Board of Education are required, together with such other subjects as the student may elect under the direction of the College. All students in this course are under the direct supervision of the head of the Department of Education and upon matriculation are specifically required to enroll for the course as candidates for the Second-Grade Professional Certificates of two years. A diploma is awarded on successful completion of the course.

Selection is made from the following courses:

History of Education, Principles of Education, School Administration or Methods in Elementary Subjects, Advanced Algebra, Solid Geometry, Psychology (Proper, Educational, Child).

Advanced Composition and Rhetoric, American Literature, English Literature, Domestic Science, Biology, Physics, Chemistry, History (Ancient, English or American).

Elective: From courses listed in the College to make up the required credits of two years.

TEACHERS' SPECIAL CERTIFICATES

1. Certificate in Domestic Art and Science.

This course is open to High School graduates of recognized standing. The courses here briefly stated aggregate about forty hours' credit; the remainder are elective in college courses.

English (College Rhetoric).

Chemistry.

Domestic Economics, Model Sewing and Textiles.

Domestic Economics, Cookery, Foods.

Domestic Economics, Hygiene, Dietetics.

Domestic Economics, Physiology.



THE LONG WALK



THE FACULTY HOUSE

Prescribed courses in the Department of Education, minimum of sixteen credits.

Elective College courses in addition to make the total of sixty-four credits.

2. Certificate in Commercial Work.

This course is open to students who are graduates of High Schools of recognized standing. One year of Bookkeeping, High School Arithmetic, and High-School Penmanship and Spelling are entrance requirements. Any deficiency in these must be made up in addition to the prescribed courses offered. About thirty hours are prescribed, the remainder are elective in college courses.

English (College Rhetoric).

Accounting (Higher Accounting, Banking, Economic Finance).

Stenography (the advanced course, with office practice).

Typewriting.

Commercial Law.

Social Science.

The prescribed courses in the Department of Education, minimum of sixteen credits, professional training.

Elective: Additional college courses to make total of sixty-four credits.

3. Public School Music Course. (See Department of Music.)

This course is open to students who are graduates of High Schools of recognized standing. Proficiency on the piano or other instrument is a prerequisite. Deficiency must be made up in addition to the prescribed courses offered. About thirty hours are prescribed; the remainder are elective in college courses besides the sixteen professional subjects.

English (College Rhetoric).

Music (Harmony).

Music (History of Music).

Music (Musical Principles).

Music (Sight Reading, Voice).

The prescribed courses in the Department of Education, minimum electives to meet the purposes of the student.

Elective: Additional college courses to make a total of sixty-four credits. Drawing, both free-hand and mechanical, are given in the electives to meet the purpose of the student.

DEPARTMENT OF ORATORY

The purpose of this department is to afford opportunity for the systematic development of the mind, body, and soul; to advance dramatic art, and to develop forceful, graceful, easy, and natural expression in public readers and speakers. The art of expression, or oratory, is invaluable for the effective use of the knowledge and culture obtained in the arts and sciences. Too much attention cannot be given to effective address in these days of theorizing. The power of thought is concealed except where there is power of expression. Subjective power is appreciated when it is made objective. Professor Lawrence spoke truly when he said: "Oratory has been more potent in shaping the course of events and bettering the life of man than any other agency, not even excepting war itself; for in most cases where liberty struggled with oppression, force was but the son of eloquence, owing its being to it, and without eloquence liberty would never have come to pass."

Careful attention is also given to physical culture under competent training, seeking to develop symmetry, beauty and health. Appropriate exercises are planned in regular gymnasium classes. There are now two gymnasiums, one for girls in Sanford Dormitory, and one for boys in the Library Hall.

The College stands in the first rank in debate and oratory. First place has been won twice in five years, and second three times.

1-2.

2 hours

A general beginning course dealing with the subject matter and the physical basis of public speaking, and their application to the fields of conversation, speeches for the occasion, debate and oratory. Required of all Academy students. Text: Brewer, Oral English.

3-4.

2 hours

A technical study of the mechanics of delivery; reading and analytic study of classic orations. Oratorical construction. Required of all College students. Text: Shurter, Public Speaking. Through the year.

5-6.

2 hours

Debate and Argumentation. This course is designed to equip students in forensic discussion and organization of themes in debate. Questions of the day are analyzed.

7-8.

2 hours

An advanced course of class-room study and conference work

dealing with problems of composition and delivery of the different forms of public address—the debâte, lecture, essay, drama, oration. Throughout the year.

9.

Special courses are arranged for private instruction to meet the needs and advanced work of the student. Individual conference work is arranged in connection with all courses, to meet the needs of the individual student.

DEPARTMENT OF MUSIC

The Department of Music is a distinct department of Jamestown College. From the beginning the trustees of the College have given special encouragement to the Music Department with the result that it has enjoyed a steady and substantial growth both in members and scholarship.

MUSIC HALL

The building occupied by the Department of Music was completed in 1919 and is of modern fireproof construction throughout, equipped in every detail for the work of the Music Department. The first floor contains the large, well lighted studios, several practice rooms, and a reading room equipped with musical periodicals and files. The school floor occupies a Recital Hall.

THE PIPE ORGAN IN VOORHEES CHAPEL

Voorhees Chapel, connected with the Music Hall, contains the new large Wick electric pipe organ of three manuals. The instrument is modern in every respect and is blown by electricity and fitted with modern devices throughout. In addition there is also an Estey practice organ.

THE STEINWAY GRAND PIANO

The Department also has a new Steinway Concert Grand Piano for concert and recital purposes.

DEGREES AND CERTIFICATES

Bachelor of Arts

Students in the College of Liberal Arts may elect Music as a major for the degree of Bachelor of Arts. The maximum credit in music allowed toward this degree is thirty semester hours of which at least twenty hours must be chosen from the courses in Theory, Harmony, History of Music and Solfeggio. A maximum of ten hours may upon recommendation of the Music Faculty, be credited for study in Practical Music. Students electing Piano as a major, are expected to practice fifteen hours per week; Organ, eight hours per week; Voice, as required by the instructor. The granting of the degree, with a music major is based on music efficiency equal to the giving of one public recital, and in the piano course one

movement of a concerto, of advance music in the major study each year.

CERTIFICATES

PUBLIC SCHOOL MUSIC COURSE

A student to be qualified to teach in the public schools of the State must conform to certain requirements set forth by the State. A student may take work in Public School Music without being a degree student. Under certain conditions some of this work may be taken by the student who is a candidate for a degree. Entrance upon the course, if the student is a candidate for a diploma for teaching in the public schools, implies graduation from a high school. The two-year course is outlined as follows:

First Year. Required: Psychology, History of Education, Ear Training, Voice Culture, Harmony, a modern language or its equivalent. Piano, unless the student is already able to play "Third Grade Music." If so, the candidate may be excused from further study of the piano.

Second Year. Required: Sight Singing, Ear Training, Advanced Harmony, History of Music, Appreciation of Music, Piano, unless excused.

A student should consult the course in Music under Department of Education, page 45. Courses in College English may be taken as electives. Bible courses are required.

For details of courses in Voice, Piano or other subjects, see under the various subject headings.

Private Teachers' Certificate

This course is intended primarily for those who aim to be private teachers in their own communities. The minimum of time required for this course is two years, at the completion of which a certificate will be given. In addition to giving two public recitals from memory, the following theoretical work is required:

History of Music 1, 2.....	Credit,	4 hours
Harmony 1, 2, 3, 4.....	Credit,	8 hours
Theory 1, 2.....	Credit,	4 hours
Lectures in Pedagogy.....	Credit,	0 hours
Solfeggio 1, 2.....	Credit,	4 hours
		20 hours

COURSES OF STUDY

While it is impossible to designate with accuracy the literature to be used for each student, the following outline gives an idea of

the nature of the work done in each year of the course:

Pianoforte

Freshman: Hanon Virtuoso Pianist; Czerny op. 740; Compositions by Beethoven, Grieg, Handel, Bach, MacDowell, etc.

Sophomore: Hanon Virtuoso Pianist; Clementi Gradus ad Parnassum; Chopin, Etudes; Compositions by Bach, Beethoven, Weber, Liszt, Schumann, Scott, Debussy, Ravel, etc.

Junior: Chopin Etudes; Bach, Well Tempered Clavichord; Concertos by Mozart, Mendelssohn, Beethoven, advanced compositions by Classic and Modern composers.

Seniors: Etudes by Chopin, Liszt, Rubenstein. Concertos by Grieg, Liszt, Schumann, etc. Advanced compositions from Classic, Romantic, and Modern composers.

Organ

Students desiring to enter the regular Organ Course must have gained a proficiency in piano playing equal to two years of systematic study and practice.

Freshmen: Study of Manual Touch; Pedal Playing; Elementary Registration.

Sophomore: Progressive study of Registration; Compositions for Church service and Concert performance.

Junior: Advanced Organ compositions of all schools.

Senior: Special emphasis on Modern French Organ compositions.

VOICE

Preparatory

Breathing Exercises; plain scales and arpeggios; relaxing of muscles of throat and chin; vocalises on the vowels; songs by Willeby, Lynes, Hawley, Gaynor, etc.

Intermediate

Advanced vocalises; staccato exercises; songs by Salter, Rogers, Buck, Franz, Cadman, etc.

Junior

Exercises on flexibility and trill; advanced vocalises; songs by Handel, Gonoud, Rubenstein, Schubert.

Senior

Continued exercises on flexibility and perfecting of trill, oratorio and opera arias, and songs with permanent artistic value.

VIOLIN

The art of violin playing has made such rapid strides within late years that it has become a prominent feature in musical institutions of standing. Great improvements have been made, methods of instruction in accordance with which our department aims to keep pace.

Harmony

Harmony 1 **2 hours**

The principal triads of the major and minor scale. The chord of the sixth, sixth and fourth, dominant seventh, secondary triads.

Harmony 2 **2 hours**

Open position, dominant ninth, leading tone seventh, modulation.

Harmony 3 **2 hours**

Altered chords, suspension, retardation, passing tones and embellishments, organ point and the figured chorole.

Harmony 4 **2 hours**

Analysis of standard compositions harmonically, indicating the derivation of each chord and non-harmonic tones.

HISTORY OF MUSIC

History of Music 1 **2 hours**

History of Music 2 **2 hours**

These courses cover the period from the beginning of the Christian era to the present, with an introduction on ancient and primitive music. The compositions of prominent composers are carefully studied by means of Victrola records.

THEORY

Theory 1 **2 hours**

This course is a summary of the knowledge required by every teacher and professional musician, as the following topics show: Acoustics; Musical Terminology; Rhythm and Accent; History of Notation; Natural and Artificial Groupings; Metronome; Syncopation and Metre.

Theory 2 **2 hours**

Analysis of Form; Hymn Construction; Figure Treatment; Guiding Motives; Song Forms; Sonata Forms; Symphony; Rondo;

Overture; Prelude; Vocal Forms; Suite; Canon; Analysis of Counter Point; Fuge.

SOLFEGGIO

Solfeggio 1 **2 hours**

Ear Training, Sight Singing Exercises, and Dictation.

Solfeggio 2 **2 hours**

Continuation of Course 1.

APPRECIATION OF MUSIC—Elective

Appreciation 1 **2 hours**

A lecture course in hearing and appreciation of music and appreciation of music for those who wish it as an element of liberal culture as well as for the music student. This course will consist of lectures and illustrations on the Victrola of Program Music and Symphonies.

Appreciation 2 **2 hours**

Lectures and illustrations on the Victrola of Oratorio and Opera.

PUBLIC SCHOOL MUSIC

Public School Music 1 **2 hours**

Public School Music 2 **2 hours**

See page 49 for description of courses.

SPECIAL ADVANTAGES

Artist Recitals

An important part of the music student's education is the hearing of good music rendered by artists of superior ability. Through the affiliation of the Music Department of Jamestown College and the Jamestown Music Club opportunity is given students to hear great musical artists. Concerts in Jamestown during the year, 1920-1921, include the following:

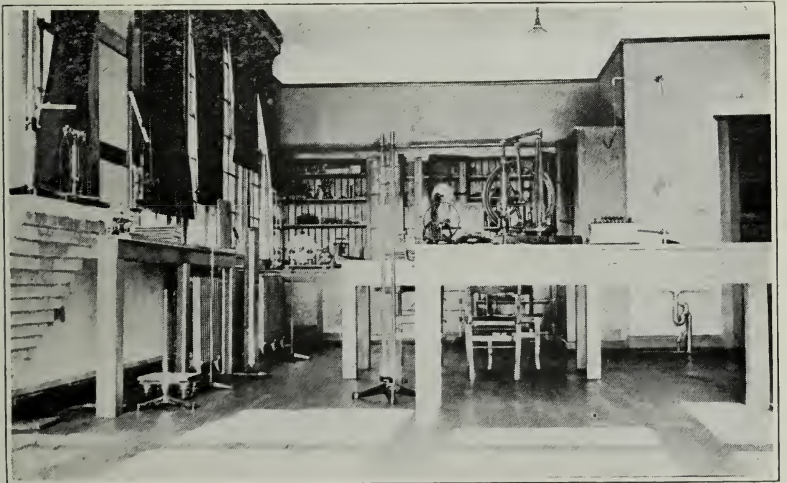
Myrna Sharlow, soprano; Zoellner String Quartet; Louis Kriedler, baritone; Isadore Berger, violinist; Harold Henry, pianist; Francis Ingram, contralto. Tickets to the Artist Courses may be obtained by all students at a nominal price.

STUDENT RECITALS

One of the important advantages of the Department are the frequent recitals given by students and advanced students, so that students may become familiar with a greater number of composi-



CHEMICAL LABORATORY



PHYSICS LABORATORY

tions than they individually can study; and that they may themselves perform for the purpose of gaining self-control and ease in public appearance.

MUSICAL ORGANIZATIONS

The Musical Organizations of Jamestown College are as follows:

The Men's Glee Club. Membership is obtained by competitive examination.

The Girls' Glee Club. Membership is obtained by competitive examination.

The College Band is one of the strong activities of the College. The instrumentation is very complete and their music is greatly appreciated at athletic events and college functions.

The College Chorus. Any student may join the chorus. Choral works are studied.

Fees

For Piano, Organ, Voice, or Violin, from the Director—

Two lessons per week, half hour each, per semester.....\$50.00

One lesson per week, half hour, per semester..... 27.00

From other Teachers—

Two lessons per week, half hour each, per semester..... 40.00

One lesson per week, half hour, per semester..... 24.00

Single private lessons, voice, piano or organ, from....\$1.50 to 1.75

Piano practice, 2 hours per day, each semester..... 10.00

Piano practice, 1 hour per day, each semester..... 5.00

Organ practice, same as piano, and \$9 extra each semester for electric motor power.

In Harmony, History of Music, Ear Training and other theoretical courses an additional fee is charged where student does not pay college tuition.

General Information

Tuition is payable in advance for each semester, and the student must present a matriculation card from the registrar's office, showing that the financial arrangements are satisfactory before lessons can be assigned.

Lessons lost will not be made up, except in cases of protracted illness.

The School of Music will observe all national holidays and also the last three days of each semester (final examinations), and no refund will be granted on this account.

Students are required to take part on recital programs when assigned to such work by the instructor, and to be present at all concerts, recitals and lectures.

Students are not allowed to take part in public programs without the consent of the teacher.

Concert Engagements. The members of the Faculty of the School of Music and Oratory may be engaged for concerts or recitals.

For dates, terms, etc., address the School of Music.

THE ACADEMY

(Model High School)

Charles E. Fulton, A. M., Principal

The Academy is designed to meet the needs of those who have not adequate High School facilities at home, and as a preparatory department for the College. Students have the advantage of college life and association. The courses start with the eighth grade as the foundation, and entrance requires evidence of good moral character and honorable dismissal from the last school attended.

SYNOPSIS OF COURSES

In order to complete the Academy course in four years, a student must take twenty hours of work each semester, and this is required under normal conditions. Twenty-one hours per week without extra charge is permitted for schedule adjustment.

First Year

Required, each semester: Bible, 1 hour; English, 5; Algebra, 5; History, 4.

Elective: Science, 5; Latin, 5; Commercial Subjects; Domestic art and science.

Second Year

Required, each semester: Bible, 1; English, 5; Plane Geometry, 5;

Elective: Latin, 5; History, 4; Science, 5; Civics, 4; Commercial subjects; Domestic art and science.

Third Year

Required, each semester: Bible, 1; English, 5; Algebra, 5, first semester; Physical Education, 1.

Elective: Latin, 5; History, 4; Science, 5; Expression, 2; Commercial subjects; Domestic art and science; Pedagogical subjects; Expression; Modern languages, 5; Civics, 4; Solid geometry, 4.

Fourth Year

Required, each semester: Bible, 1; English, 5. (See exception below.) Physical Education, 1.

Elective: English, 5; Latin, 5; Science, 5; History, 4; Solid

Geometry, 4; Expression, 2; Commercial subjects; Domestic art and science; Pedagogical subjects; Senior reviews; Expression; Modern languages, 5.

Requirements for Graduation: Four years of English; two years of foreign language; one year of history; one and one-half years of algebra; one year of plane geometry; eight semester hours of Bible; two semester hours of expression, and two in physical culture. Those preparing for the scientific course in college must take at least two years of science, including chemistry or physics in the Academy. Those taking three or more years of foreign language may omit the fourth year in English. The more difficult commercial subjects, Domestic Science, and Advanced Music, may also receive credit in the Academy. Adjustments will be made for students entering too late in the course to meet all requirements.

“Diplomas from High Schools doing four years’ work granted to graduates who have had psychology, school management and methods of instruction and three senior-review subjects, shall be accredited as second grade elementary certificates.”

Students who wish to take the subjects named should include them with their electives as may be directed.

For a complete description of courses, see page 64.

Graduation—A diploma is given upon the completion of fifteen approved units. A unit represents a subject taken five hours a week for one school year of thirty-six weeks. Two laboratory periods are accepted as one credit. The maximum hours permitted, without special faculty action, is twenty-one; the minimum sixteen. One hundred honor points are required for graduation. Graduation forms a regular part of the commencement program.

BIBLE AND RELIGIOUS EDUCATION

These courses are based on the recommendation of the High School Board of North Dakota. The Bible itself is the text book, careful note-book work is required, and thorough work is done. The stress is laid upon the narrative, the problems and the difficulties being for the most part postponed until the College courses are taken up.

1. Use of Bible. Old Testament Narratives. 2 hours

The names and order of the books are considered, the sources and transmission of the Bible are explained, Biblical geography is studied; then the Old Testament narratives are begun.

- 2. Old Testament Narratives.** **2 hours**
 A continuation of the preceding course.
- 3. Life of Christ.** **2 hours**
 This is an elementary and general course, which seeks to give a connected and appreciative knowledge of the life of Jesus Christ. Burgess' Life of Christ is used.
- 4. The Apostolic Period.** **2 hours**
 An elementary course on the founding of Christianity and especially a study of the wonderful personality and work of Paul. Gilbert's Christianity in the Apostolic Age is used.
- 5. Bible Literature.** **2 hours**
 A simple course in literary study of the Bible.
- 6. Sunday School Work.** **2 hours**
 This course is open to the older Academy students.
- 7-8. Teacher Training.** **1 hour**
 The Standard Teacher Training course, recommended by the Presbyterian Sunday School Board, is followed. This is regarded as one of the Academy Bible courses, the usual credit is given, and on its completion the regular joint diploma of the Board and of the State Sunday School Association is issued.

CIVICS

- 2. Civil Government.** **5 hours**
 The usual secondary course, meeting state requirements for High School. Abundant aids are provided and the instruction is made very practical.

ENGLISH

- 1-2. Composition and Literature.** **5 hours**
 The aim of the course is to give drill in the principles of composition, many original themes being written. As in other courses in Academy English, the classic studies are generally those suggested by the outlines for North Dakota high schools.
- 3-4.** **5 hours**
 More advanced work in composition, based on Clippenger's "Practical Course in English." Study of Classics continued.
- 5-6. American Literature.** **5 hours**
 The history of American literature is studied, together with representative works from the most important writers.

7-8. English Literature.

5 hours

The work in the history of English literature is based on Long's "English Literature," but greater emphasis is laid on the study of classics.

FRENCH

1-2. Beginner's Course.

5 hours

Fraser and Squair's French Grammar, Part I, will be completed. Talbot, "Le Francais et sa Patrie," will be read in class.

3-4. Second Year's French.

5 hours

Composition work from the grammar once per week. Reading, translation and conversation. Textbook, "French Short Stories," Buffum; "Le Voyage de Monsieur Perrichon," Labiche et Martin.

GERMAN

1-2. Grammar.

5 hours

Bacon's "New German Grammar" (edition 1916).

Reading of easy texts, such as "Maerchen," "Glueck Auf," "Im-mensee," and "Im Vaterland." Translation of short stories at sight and hearing. Conversation in German.

3-4. Modern Prose, 3 hours reading, 2 hours composition; 5 hours

Hillern, "Hoehher als die Kirche"; Storm, "Der Schweigersohn"; Schiller, "Der Neffe als Onkel" and "Wilhelm Tell"; Freytag, "Die Journalisten."

Composition: Allen's "First German Composition" will be used. Dictation, memorizing of German idioms.

HISTORY

1-2. Ancient History.

4 hours

The ancient civilization. Greece and Rome. Maps and papers.

3-4. Mediaeval and Modern Europe.

4 hours

The transition. Topical study of feudalism, crusades, renaissance and later topics.

5-6. English and American History.

4 hours

Text books and lectures. The College method is employed. The course is general in character.

LATIN

1-2. Elementary Latin.

5 hours

Inflections and constructions. Particular stress on verb and noun endings and pronunciation of Latin.

3-4. Caesar. **5 hours**
"Gallic War," four books or their equivalent. Prose based on Caesar's text. Careful study of Caesar's life and the important events of his time. Also study of terms and tactics of Roman warfare. Prerequisite—Course 1 and 2.

5-6. Cicero. **5 hours**
Six orations or equivalent. Style and literary value of the orations. Brief study of Cicero's life and works. Prose based on text. Selections from Ovid may be read the latter part of the year. Prerequisite—Courses 3 and 4.

7-8. Virgil. **5 hours**
Aeneid, six books, and extracts from other books. Scansion, mythology, source of material and reasons for writing the Aeneid. Life of Virgil, and brief study of the "Augustan Age." Prerequisite—Courses 3 and 4.

MATHEMATICS

1-2. Elementary Algebra. **5 hours**
Algebra through simple quadratic equations.

3. Advanced Algebra. **5 hours**
This is a completion of Elementary Algebra. It begins with a review of quadratics and includes the more advanced topics presented in a standard text.

5-6. Plane Geometry. **5 hours**
The aim is to introduce the student to the more formal methods of reasoning and by means of original problems to develop originality in process of demonstration.

7. Solid Geometry. **5 hours**
The fundamental propositions of solid and spherical Geometry, accompanied by a suitable number of exercises in original problems, the whole to represent the work of one-half year.

SCIENCE

1-2. General Biology. **5 hours**
An elementary treatment of biological principles, looked at mainly from the point of view of plant life.

A similar treatment of biological principles, especially as applied to animal life. Equivalent to the usual semester course in zoology. Open to all academy students.

5-6. Chemistry. **5 hours**
General Inorganic Chemistry. Based on McPherson and Hender-

son's text. Laboratory work. Selected work in practical chemistry for those who so elect. Open to third and fourth year students.

7-8. Physics. 5 hours

Carhart and Chute's "High School Physics" as text, with laboratory work. Required of scientific Academy students. Open to fourth year students, and third year students if mathematical preparation is sufficient.

SUBJECTS FOR TEACHERS' CERTIFICATES

Students who graduate from the Academy should select from the following group the subjects prescribed by the rules of the State Board of Education, if they wish to have their diplomas indorsed as teachers' elementary certificates. The subjects are listed here and will be placed on the semester programs according to the needs of students. Each subject must be taken as a five-hour subject for a semester. Courses here described correspond to the same courses in the State High School Manual. See statements on page 60 of this catalog.

1. Psychology. 5 hours

General Psychology treated in an elementary way.

2. Pedagogy and School Management. 5 hours

A course taking up largely rural school pedagogy and management. The course considers elementary school problems from the point of view of experience and by means of a text book. Discussions of the subject matter of the Course of Study.

3. Teachers' Arithmetic. 5 hours

A thorough review of arithmetic after the study of other High School Mathematics. Special attention given to the needs of the teacher and to the outline in the High School Manual.

4. Senior Grammar. 5 hours

A course designed especially for those who may teach, applying particularly to the knowledge of English acquired in the High School course. It will follow the outline of the High School Manual.

5. High School Geography. 5 hours

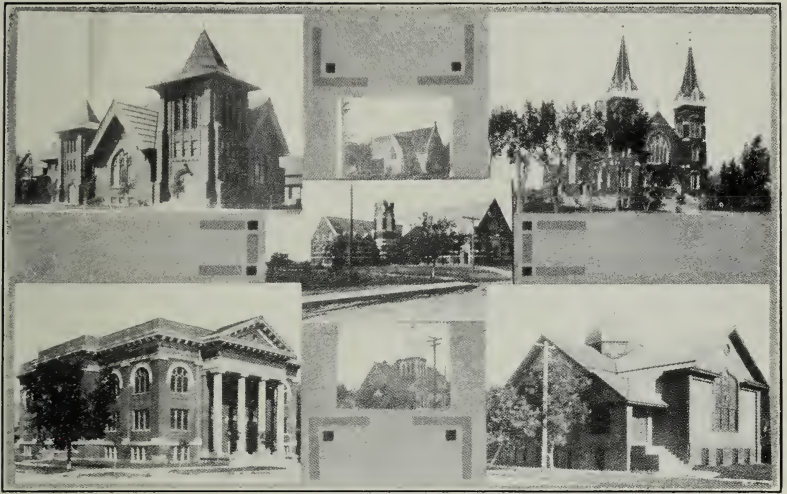
A review of Geography with the needs of the young teacher in mind.

6: Advanced American History.

See History, page 62.

7. Civics. 5 hours

The usual secondary course meeting State requirements. Abundant aids are provided and instruction is made very practical.



A GROUP OF CHURCHES



THE MIDLAND AND NORTHERN PACIFIC DEPOTS

SCHOOL OF BUSINESS

Arthur Struckenbruck, M. C. S., Principal

ADVANTAGES OF ATTENDING JAMESTOWN COLLEGE

The School of Business is affiliated with the College. The students have all the advantages of the College life and association. The design of the school is to give full business and stenographic courses for young men and women who wish preparation for business activity under the inspiration of high ideals and Christian culture.

The advantages are many above the usual commercial school, such as the library, student societies and literary organizations, the presence of college men and women, college culture, college athletics, Christian oversight, and the college courses for further study and personal improvement. Expert instruction in Public Speaking, Music, Domestic Science and Arts, and in any of the literary departments of the College is available for those who desire it. The School of Music is one of the finest in the State and students of the School of Business will do well to take some piano work, as they will find that it goes well with their typewriting practice.

The expense is about one-half that generally paid at many Commercial Schools. The school seeks to simply pay expenses. It is not a profit-earning school, hence the cheapness of the courses is consistent with the highest efficiency.

Charge and Diplomas. The general charge for a complete course is \$30 a semester of eighteen weeks; \$3.50 is charged each semester for typewriter for practice work; and \$10 incidental fee. Diplomas are given upon the completion of any course selected by the student. The fee is \$3.50, and the graduation takes place at the regular time of graduation from other departments of the College. Tuition and fees must be paid in advance each semester, and the same rules as to scholarship and government apply as in the College.

Entrance Requirements. The business and professional men of the city when asking for information about applicants for a position almost invariably ask if he or she is a high school graduate. We would advise anyone who is thinking of entering business life to get as much high school education as is possible to get under the circumstances, and if not possible, then come and finish it in the

Academy of Jamestown College and take business subjects as electives.

OUTLINE OF COURSES OFFERED

The Accounting-Stenographic Course

Two-Year Course. This course is designed for those who are not high school graduates who want a complete and efficient preparation in Bookkeeping, suited for a single proprietor, a co-partnership, a corporation, Cost Accountancy, Banking, a thorough mastery of Gregg Shorthand, and Typewriting. The business subjects are taken the first year and the stenographic the second year. If a high school graduate, the student may take some College subjects, such as Economics, Political Science, English, etc., instead of Commercial Arithmetic, etc.

FIRST YEAR

First Semester	Second Semester
Bookkeeping 1	Bookkeeping 2
English	English
Commercial Arithmetic	Business Organization
Typewriting 1	Typewriting 2
Bible	Penmanship and Spelling

SECOND YEAR

First Semester	Second Semester
Bookkeeping 3	Bookkeeping 4
Shorthand Theory	Shorthand Speed Studies
Commercial Law	Practical Banking
Accounting 3	Accounting 4
Bible	Office Training

One-Year Course. This course is designed for high school graduates who desire to take Bookkeeping, Shorthand, and Typewriting, etc., in one year. It is a very popular course for mature students.

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
Typewriting	Typewriting
Accounting 1	Accounting 2
Commercial Law	Practical Banking
Bible	Office Training

The Stenographic Course

One-Year Course. This course is designed for those who wish to

become very proficient in Shorthand and Typewriting for stenographic positions only.

First Semester	Second Semester
Shorthand Theory	Shorthand Speed Studies
Typewriting 1	Typewriting 2
Bookkeeping 1	Bookkeeping 2 or
English	Commercial Law
Penmanship and Spelling	Shorthand Dictation
Bible	Office Training

The Accounting Course

One-Year Course. This course is designed for those students who have had some business experience or for those who are mature enough to grasp the subjects. It is especially designed for high school graduates who have had some Bookkeeping in high school and who would like to get the fundamentals of some of the subjects which are given in the Commerce Courses in a State University.

First Semester	Second Semester
Bookkeeping 3	Bookkeeping 4
Commercial Law 1	Commercial Law 2
Accounting 3	Accounting 4
Business Economics or	Practical Banking or
College Economics	Money, Banking and Finance
Bible	Penmanship and Spelling

Graduation Requirements

English is required of all students who are not high school graduates. In addition to the above required studies as given in the Outline of Courses, the following speeds are required for graduation from all courses.

	Words Per Minute
Typewriting speed on new matter (ten minutes test).....	40
Shorthand speed on new matter (three minute test).....	80
Shorthand speed on business letters.....	100
Transcript speed from Shorthand notes taken in dictation.....	25

DESCRIPTION OF COURSES

1-2. Bookkeeping 1-2. 5 hours

These courses consist of work on sets in the elementary principles of Bookkeeping. The student is given numerous drills in journalizing before taking up the Cash Book, Sales Book, and the Purchases

Book. The sets illustrate the Special Column Cash Book, Controlling Accounts; and simple Operating Expense accounts for an individual proprietor and a partnership.

3-4. Bookkeeping 3-4.

5 hours

These courses consist of sets dealing with corporation accounting and the elements of cost accountancy. The 20th Century, Rowe, and Metropolitan systems of bookkeeping are used in the school. Elementary Accounting may be taken at the same time.

Bookkeeping Note. Two periods a day of school work are required for five hours' credit, one period being under the direct supervision of the teacher.

5-6. Shorthand.

5 hours

The Gregg Shorthand system is taught. The Gregg Manual is completed the first semester, and the Gregg Speed Studies and the Gregg Writer are used the second semester. A speed of 100 or more words a minute on business letters is easily reached by the end of the year.

7-8. Typewriting.

5 hours

The Touch System of Typewriting is taught and the ability to handle the keys of the typewriter without looking at the keyboard is insisted upon from the very beginning.

Typewriting Note. A speed of 80 words a minute is obtained by some and fifty words by most of the students at the end of the year. Two periods a day of school work are required for five hours' credit, one period a day being under the direct supervision of the teacher.

9. Office Training for Stenographers.

2 hours

The latest model of the A. B. Dick Rotary Mimeograph, a filing cabinet and a Dictaphone are great aids in this course for learning the operation of modern office equipment and methods of filing letters.

10-11. Commercial Arithmetic and Rapid Calculation.

5 hours

In this course special attention is given to interest, bank discount, percentage, partial payments, stocks and bonds, and partitive proportion and partnership. A considerable portion of the course deals with Rapid Calculation and a special text is used for that purpose.

12. Business English and Letter Writing.

3 hours

This is required of all students who are not high school graduates. It covers the essentials of grammar, the use of words and aims to develop ability to write letters of application, collection,

etc. They may take an English class in the Academy for credit there or the Business English. The splendid opportunity of taking English with classes of the College should not be overlooked by those high school graduates intending to enter the School.

13. Commercial Law 1. 5 hours

This subject includes the law on contracts, negotiable papers, agency, bailments, partnership, corporation, deeds, insurance, real estate, personal property, etc. Text: Uniform Business Law, Bush.

14. Commercial Law 2. 3 hours

This course covers the same topics as in Commercial Law 1 but a college text book is used which is supplemented by a library of legal reference books. A study is made of the statutes as found in the State Code and Session Laws. Text: Manual of Commercial Law, Spencer.

15. Elements of Business. 2 hours

This is a course especially designed for stenographers to give them a working knowledge of economic exchange, money and credit, banking, insurance, property, investments, taxation and elementary principles of Accounting. Text: Elements of Business, Schoch and Gross.

16. Practical Banking. 4 hours

The purpose of this course is to furnish a knowledge of banking technique and makes use of the text book and a set on banking procedure. It is to enable the student to get an administrative point of view together with an understanding of banking operations. This course is for those students who have had one year or more of bookkeeping. Three recitations; two laboratory periods. Text: Banking Practice, Langston and Whitney. Set: Goodyear's Practical Banking.

17. Money and Banking. 4 hours

This is a study of the origin, use, and history of money; the history, utility, and functions of banks, and the use of credit in the business world. It is closed with a detailed study of national, state, and private banks, and the Federal Reserve Act. Text: Money and Banking, White.

18. Business Economics. 3 hours

This is an elementary course designed to give those mature students who may never enter college a working knowledge of the laws of production, the methods and organization of production and exchange, the development of modern industry, the nature and

function of capital, value, speculation, distribution, investment, interest, profits, and the organization of labor. Text: Introduction to Economics, Laing.

19. Business Organization and Administration. 3 hours

This is an elementary course dealing with commercial enterprises from the management and administrative view-point. It gives a knowledge of financing an enterprise, the different schemes of scientific management, the wage question, purchasing, selling, advertising and marketing. Text: Business organization and Administration, De Haas.

20-21. Accounting 1 and 2. 5 hours

This is a course designed for mature students who desire to get Bookkeeping and at the same time the accounting principles which form its foundation. It deals with the theory and application of debit and credit, treatment of inventories and accruals, classification of accounts, changing from single to double entry, and opening and closing of corporation books. Text: Accounting Theory and Practice, Kester, Volume 1.

22-23. Accounting 3 and 4. 4 hours

This course is for those students who have had one year or more of Bookkeeping. It deals with the more difficult accounting problems of accounting such as the purpose of account classification, distinction between capital and revenue expenditures, depreciation, preparation and interpretation of balance sheets, and profit and loss statements. Text: Accounting Theory and Practice, Kester, Volume II.

24. Business Finance. 5 hours

This course is concerned with the every-day financial problems of private business concerns. Text: Business Finance, Lough.

DOMESTIC SCIENCE

Complete courses in Home Economics are offered, with the best and latest facilities.

A diploma is granted to a person who has completed the prescribed courses in Domestic Science, as arranged below. A prerequisite to the diploma courses is a diploma from an accredited High School or Academy.

Persons taking the regular Literary and Arts courses for the degrees of B. A. and B. S. can, upon application to the Faculty, arrange to take Domestic Science and arts courses with a view of credit in their junior and senior years.

SYNOPSIS OF COURSES

First Year

First Semester	Second Semester
Physiology and Pedagogy	Food Study
English	Physiology and Home Nursing
Chemistry	Chemistry
Model Sewing	English
Junior Cookery 1	Mechanical Drawing
	Plain Sewing
	Junior Cookery 2

Second Year

Dietetics	Bacteriology
Household Management	Advanced Cookery 2
Advanced Cookery 1	Millinery and Art Needlework
Chemistry	Textiles
Dressmaking	Organization of Home Economics
Physical Culture	Physical Culture

DESCRIPTION OF COURSES

Domestic Science

1-2. Elementary Cookery. 2 hours

Study of value, character, use, preparation, and cost of food materials. Scientific principles underlying food preparation and practical application.

3-4. Advanced Cookery. 2 hours

This gives practice in selection and marketing of food, making menus and serving meals. The work includes food preservation, preparation, study of meals, of table service, and giving of demonstrations.

5. Dietetics **3 hours**

This course includes the composition, digestion, metabolism and fuel value of foods, diet as influenced by age, sex, and occupation; dietary standards, making of dietaries and service of meals.

6. Food Study. **2 hours**

A study of composition, structure, nutritive ratio, digestibility, cost and place of diet in all foods, also of chemical and physical changes which take place in foods during cooking, and effect of various temperatures on digestibility and food value of various foods.

7. Home Nursing. **2 hours**

This subject involves the practical treatment of simple ailments of the human body—methods of handling emergencies that occur in school, home or elsewhere. Short course in invalid cookery included.

8. Household Management. **2 hours**

This course includes organization, furnishing and care of the house, household accounts, chemistry of cleaning metals, woods and fabrics, use of disinfectants; study of household pests and care of foods and supplies.

DOMESTIC ART

1. Model Sewing. **3 hours**

This course embodies the fundamentals of sewing and their application. Includes the various stitches—basting, running, stitching, combination, gathering, overcasting, hemming, making of button-holes, seams. French and felled, plain and faced hems, and the making of models illustrative of the various phases of the work.

2. Plain Sewing. **3 hours**

This course includes the making of simple garments, such as underwear, aprons and plain waists by both hand and machine sewing.

3. Dressmaking. **3 hours**

Designing, making, trimming and decorating of fall and spring suits, and various methods of trimming and finishing garments.

5. Art Needle Work. **1 hour**

This course is designed to furnish instruction in crocheting, knitting, applique, ornamental darning, padding, scalloping, French embroidery, cross stitch, Swedish weaving, hemstitching, drawn work, eyelets, initials, cut work.

4. Millinery. **2 hours**

Designing, making, trimming and decorating of fall and spring



RECREATION



BOATING

hats, to develop skill, originality and economy in utilizing of materials by renovating and tinting; the making of flowers, ornaments and other trimmings.

6. Textiles. 2 hours

Study of history, production, spinning, weaving, dyeing processes and characteristics and laboratory tests of the four fibres.

9. Organization of Home Economics. 2 hours

Study of aims and methods of teaching Domestic Science and Domestic Art; a study of equipment and supplies; lesson plans and courses are made; observation and practice teaching are required.

The required courses in Physiology, English, Chemistry, Mechanical Drawing, Bacteriology and Psychology are given in the different departments of the College where a full description may be found.

Students regularly enrolled in the College or Academy, electing courses in this department obtain free instruction. Only a small deposit is made to cover use of materials. The fee for all other students is the regular tuition of the College. Single courses, \$10 per semester.

SUMMER SCHOOL

The Summer School is one of the recognized divisions of the scholastic year at the College. The first summer session was held in June and July of 1912. While there is naturally some change in the character of the work of a summer term as compared with that of the usual nine academic months, it is only such as follows from the needs of the students in attendance. During the summer term instruction is offered by members of the regular College Faculty. Attention is called to opportunities offered to three classes of students: (1) Teachers who desire to make good use of the summer vacation in study under college teachers. (2) Students or prospective students, who have some courses to complete to be regular in their academic work. (3) Other persons who at this time of the year would like to carry some chosen study and mingle with students. The following are some of the principal subjects in which courses are offered, but other courses will be given where the demand warrants doing so:

Astronomy, Algebra, Biblical subjects, Biology, Chemistry, English Literature, Expression, French, Geology, Geometry, German, History, Latin, Surveying, Social Sciences, Trigonometry.

Normal review courses in the branches required of teachers in common schools, including Civics, Music, Nature Study, Pedagogy, Psychology.

Commercial courses, including Bookkeeping, Shorthand, Typewriting, Arithmetic, Correspondence.

Courses in the School of Music.

Courses in the School of Religious Education.

**The 1921 Summer School begins June 20 and continues to
July 30, 1921.**

Complete tuition for the term of six weeks	\$12.00
One subject a day for the term of six weeks	7.00
Board per week	4.75
Room per week	1.25

For rates in music courses see School of Music.

Jamestown College has conformed to the requirement of Section 1366 of the School Laws of North Dakota, so that a degree from the College with the prescribed courses in education entitles the holder to a state professional certificate. Correspondence as to courses of study and all other matters pertaining to the Summer School should be addressed to

WILLIAM B. THOMAS,
Registrar, Jamestown College.

SCHOLARSHIPS AND PRIZES

A large number of scholarships are held by the College, which will yield the student receiving them \$50 each per year. These are awarded to Honor Students of High Schools.

All recipients of scholarships are required to take active part in the various student organizations.

Loans are made to deserving students from the Student Loan Fund. The conditions can be obtained by addressing the President of the College.

A scholarship of \$1,000 has been established through the benefaction of John H. Converse, Philadelphia. This will be given from time to time, as the income is received, to worthy young men studying for the ministry.

A scholarship of \$1,000 has been established by E. P. Wells, Minneapolis, in memory of his father, Milton Wells, to be known as the "Milton Wells Scholarship Fund."

A scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, Mandan, North Dakota, in memory of her parents, Thomas and Barbara Green, to be known as "The Thomas and Barbara Green Memorial Endowment Scholarship." The income is to be given each year to a student for the ministry who is at least in his sophomore year in college.

A second scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, to be known as "The Frederick L. Green Scholarship Endowment Fund," for like purposes.

A scholarship of \$1,000 has been established by Mrs. Nettie F. McCormick, Chicago, Ill. The income is to be used to aid deserving students.

A scholarship of \$1,000 has been established by Rev J. C. Ely, D. D., Oakland, Md. The income is to be used for deserving students

A scholarship of \$1,000 has been established, known as the "L. G. Crosswell Memorial Scholarship," by his daughters, Mrs. A. Ueland, Mrs. Aylius and Mrs. Emily Lee.

A scholarship of \$1,000 has been established by Rev. James P. Schell in memory of his wife.

Scholarships to the amount of \$2,500 have been founded by Mrs. John S. Watson to be known as "The John S. Watson Memorial Scholarships."

Rev. W. O. Forbes, Portland, Oregon, has founded "The Forbes

Memorial Prize in Rhetoric," in memory of his deceased daughter, Edith Emily, and his wife. The amount available each year is \$25, to be given to the best student in Rhetoric in the Freshman Class of the College.

Judge J. A. Coffey of Jamestown, North Dakota, has founded "The J. A. Coffey Oratorical Prize in Expression," to be awarded each year for the best oration delivered under the Department of Expression, open to all men students. The prize is \$35 in gold and \$15 in a gold medal—total \$50.

"The Orlady Oratorical Prize" was founded by Mr. Ben Orlady of Jamestown, North Dakota, to be awarded each year for the best oration delivered under the Department of Expression, and is open to all girl students, \$50.

"The C. S. Buck Oratorical Prize" was founded by Mr. C. S. Buck of Jamestown, North Dakota, to be awarded each year for the second best oration delivered under the Department of Expression and is open to all young lady students, \$50.

Mrs. M. A. Danenhower of of Brooklyn, N. Y., has established two prizes; value, \$20 and \$10, beginning in 1921-1922.

ROLL OF STUDENTS

Senior

Alswager, Lovell	Courtenay
Anderson, Vidgo T.	Sanborn
Armstrong, Erma Gladys	Hannaford
Bordwell, Charles Hale	Jamestown
Buzzell, Pauline	Cleveland
Ellsworth, Eldora Ernestine	Jamestown
Fuller, Lillie Agnes	Cavalier
Hendrie, Edith Jean	Leeds
Moffett, Marion Lydia	Courtenay
Moffett, Mildred Janet	Courtenay
Muir, Rex Manson	Inkster
McLeod, Roy D.	Jamestown
McMillen, Nelle Mae	Esmond
Rathman, Floyd Bailey	Jamestown
Robertson, Winifred	Willow City
Tobiason, Thelma O.	Larimore
Yoder, Elizabeth	Wolford

JUNIOR

Badger, Miles H.	Colgate
Bell, Robert James	Oberon
Brown, Gordon Dwight	Monango
Fahl, Caryl	Buffalo
Fairweather, Euphemia	Bottineau
Hutchings, Eunice	Sheldon
Jennings, Lillian Bruce	Cleveland
Johansson, Henning	Jamestown
Meier, Carl Henry	Kintyre
Murdock, James Depew	Wimbledon
Runner, Aline Mary	Cleveland
Warne, Laura I.	Norwich
Westley, William M.	Hannaford
Zimmerman, Esther Theresa	Casseltou

SOPHOMORE

Bauer, Ruth Gladys	Minneapolis, Minn.
Benjamin, Maude	LaMoure
Blood, Luella Jane	Jamestown

Boyd, Lillian Vera	Hannah
Bryant, Edmond	Page
Burr, Mary Margaretta	Rugby
Cheadle, Leslie T.	Odessa, Minn.
Colvin, Ada Lucile	Erie
Crabtree Eloise Jane	Alfred
Cruttenden, Lila Rachel	Inkster
Cummins, Lois Catherine	Casselton
Cu rie, Harold M.	Starkweather
DeNault, Helen Robertson	Jamestown
Dittmer, Florence Helen	Casselton
Finch, Terald Arthur	Jamestown
Fladeland, Sina	Reynolds
Granstrom, John Anton	Pelican Rapids, Minn.
Hafey, John Edward	Edgeley
Hamre, Mabel Constance	Rugby
Herzberg, Ira Elmer	Lisbon
Hood, Marguerite Vivian	Souris
Johnston, Erwin W.	Bisbee
Joos Janet More	Jamestown
Kolberg, Oscar Wilhelm	Pettibone
Krueger, Frederick A.	Antler
Link, Myrtle Jane	Wishek
Moffett, Helen L.	Courtenay
Murray, Mary Grace	Bismarck
McClennon, Mary Ellen	Calvin
McConnell, Gordon	Lake City
MacInnes, Margaret	Calvin
McLeod, Bartlet	Erie
Pederson, Esther L.	Valley City
Perry, Corrina Edith	Jamestown
Peterson, Amy Elizabeth	Jamestown
Peterson, Isa Jane	Cando
Ramer, Naomi	Jamestown
Reed Florence Marion	Amenia
Robertson, Irene	Willow City
Sherman, Erma A.	Jamestown
Shute, Clarence W.	Jamestown
Skutle, Clara Vivian	Nekoma
Smith, Byron Wesley	Leal
Smith, Irene Laura	Sheyenne
Spitzer, Sam Mark	Edgeley
Strutz, Reuben Robert	Jamestown
Thomas, John W.	Jamestown
Vellenga, Peter	Tappen

Watt, Agnes Mary	Leonard
Watt, Margaret Bruce	Leonard
Whipple, Mildred Viola	Urbana
Wilson, Bertha Katherine	Jamestown
Wright, Edward S.	Oakes
Zimmerman, Ruth Pearl	Casselton

FRESHMEN

Allen, Lewis M	Jamestown
Anderson, Florence Lenore	Streeter
Anderson, Minnie C.	Wimbledon
Atchison, Gladys Leona	Hannah
Bannerman, John Ellsworth	Bismarck
Brainard Ethel M.	Souris
Brignall, Winnifred Annie	Hannah
Brown, Bessie Marie	Rolla
Brown, Leila Marion.....	Monango
Brown, Fred Lowell	Monango
Buck, Lucy Elizabeth	Jamestown
Buzzell, David Andrew	Cleveland
Carr, Jessie Lois Althea	McVille
Colvin, Anna Christine	Erie
Cruttenden, Zatella May	Jamestown
Cummins, Grace Caroline	Casselton
Cuthill, Inez	Sheldon
Dale, Alice Marie	Bismarck
Davidson, Edithe Marie	New Rockford
Fahl, Byron Elwood	Buffalo
Fairweather, Margaret Elizabeth	Souris
Feton, Harold A.	Jamestown
Fulton, Willard Good	Jamestown
Hansen, Loren Clevenger	Jamestown
Hayes, Dorothy D.	Jamestown
Hayford, Violet Alice	Casselton
Horns, William Willard	Buffalo
Johnansson August Rudolf	Jamestown
Johnson, Clarence Arnold	Spiritwood
Johnson, Margaret Jeanette	Douglas
Kelley, Olive Damaris	Ryder
Knauss, Ralph	Hannaford
Koch, Emma	Jamestown
Lillico, Robert Russell	Nekoma
Lindgren, Esther A.	Jamestown
Manners, Helen Jeanette	Casselton

Miklethun, Elanche A.	Wimbledon
Miller, Ilo Henrietta	Glen Ull'n
Miller, Joseph Harold	Cando
Muir, Alice Irene	Inkster
McAllister, Catherine	Braddock
McCaul, Lynn Kenneth	Ayr
McLean, Ellen Margaret	Erie
McLeod, Horace A.	Erie
Noyes, Florence Zoa	Edgeley
Pendray, Thomas, Jr.	Jamestown
Peterson, Grace Irene	Litchville
Rathman, Omar Charles	Jamestown
Register, Geo. Scott	Bismarck
Rognas, Minerva Alma	Devils Lake
Scheidecker, Lucille	Laurel, Mont.
Schnell, Ethel Henrietta	Edgeley
Semke, Edith	Jamestown
Sharp, William Ernest	Jamestown
Sloan, Evelyn Charlotte	Juanita
Stewart, Harry Watson	Nekoma
Thomas, Harry Lyle	Jamestown
Tordoff, Reefa Glenn	Jamestown
Vrem, Georgina Andrea	Rolette
Wells, Kenneth Elmer	Excelsior, Minn.
Wiley, Vera M.	Jamstown
Wilson, Wilmer G.	Jamestown
Wyatt, Gertrude Frances	Montpelier

SPECIAL

L'Moore, Yale Freeman	Jamestown
Martin, Phyllis	Park River
Perry, Roscoe	Jamestown

SUMMER SCHOOL

Alswager, Lovell	Courtenay
Anderson, Vidgo T.	Sanborn
Bamford, Herbert J.	Mitchel, Iowa
Bordwell, Charles Hale	Jamestown
Burr, Alexander C.	Rugby
Buzzell, Pauline	Cleveland
Cruttenden, Z. May	Jamestown
Cummins, Lois Catherine	Casseltown
Ell, Clara	Jamestown
Ferguson, Harvey	Park River

Fossum, Anna C.	Wilton
Geringer, Lulu Anna	Tappen..
Graham, Anna J.	Jamestown
Harren, Edith Banff	Jamestown
Henderson, Margaret Fuller	Jamestown
Henderson, Mary Forbes	Jamestown
Langeness, John O.	Jamestown
Lawrence, William J.	Jamestown
Lindgren, Edward	Jamestown
Lindstrom, Luther	Jamestown
Liebe, Elsie G.	Jamestown
Madden, Irene Genevieve	Ypsilanti
Madden, Mabel	Ypsilanti
Madden, Waunita M.	Ypsilanti
McKenzie, Marion	Jamestown
Matchey, Sophie	Whitehall, Wis.
Miller, Charles H.	Cando
McLain, Alan	Jamestown
Mieham, Miss	Jamestown
Muir, Rex Manson	Inkster
Nesbit, Pearl Isabella	Mora, Minn.
McKnight, George Edward	Jamestown
Pulscher, Gertrude	Jamestown
Rhodes, Myrna	Jamestown
Robertson, Marie	Willow City
Robertson, Winnifred	Willow City
Roth, Kathryn Odessa	Jamestown
Safford, Agnes Blanche	Steele
Shute, Clarence W.	Jamestown
Thomas, Bertha M.	Jamestown
Thomas, John Webster	Jamestown
Whipple, Mildred Viola	Urbana
Wilson, John Lewis	Jamestown
Wells, Kenneth Elmer	Excelsior, Minn.
Wright, Sybella Luneta	Jamestown
Yoder, Elizabeth	Wolford

MUSIC

Ackerman, Isabell R.	Clements ville
Aker, Iris Winifred	Baker
Allen, Margaret H.	Jamestown
Anderson, Florence Lenore	Streeter
Armstrong, Mary Ellen	Hannaford
Badger, Adelaide H.	Colgate

Barringer, Ethel M.	Streeter
Bordwell, Charles Hale	Jamestown
Bovee, Addison	Jamestown
Boyd, Lillian Vera	Hannah
Buck, Lucy Elizabeth	Jamestown
Buck, Louise Ernesia	Jamestown
Burr, Mary Margaretta	Rugby
Burt, Vinton	Jamestown
Christopherson, Claris	Jamestown
Colvin, Christine Anna	Erie
Colvin, Ada Lucile	Erie
Crabtree, Eloise	Jamestown
Cruttenden, Lila Rachel	Inkster
Cummins, Grace Caroline	Casselton
Cummins, Lois Catherine	Casselton
Cuthill, Inez	Sheldon
Davidson, Edithe Marie	New Rockford
Day, Flora Blanche	Jamestown
Dierksen, Caroline	Pingree
Dittmer, Florence Helen	Casselton
Egleston, Leonard	Jamestown
Fahl, Caryl	Buffalo
Fahl, Byron Elwood	Buffalo
Fairweather, Margaret Elizabeth	Souris
Fried, Margaret Elizabeth	Jamestown
Fuller, Lillie Agnes	Cavalier
Graf, Minnie E.	Streeter
Hagemeister, Florence	Ayr
Haines, Olive Meta	Hesper
Halstead, Harold	Jamestown
Hein, Mildred	Jamestown
Hills, Hazel Viola	Burlington
Hood, Margarite Vivian	Souris
Horns, William Willard	Buffalo
Jennings, Lillian Bruce	Cleveland
Johnson, Margaret Jeanette	Douglas
Johnson, Marion	Nekoma
Kelley, Olive Damaris	Ryder
Kolberg, Oscar Wilhelm	Pettibone
Martin, Phyllis	Park River
Miller, Ilo Henrietta	Glen Ullin
MacInnes, Margaret	Calvin
McAllister, Catherine	Braddock
McGee, Bernice Jeanette	Eldridge
McLeod, Horace A.	Erie

Noyes, Florence Zoa	Edgeley
Pederson, Esther L.	Valley City
Perry, Wilma Marjory	Jamestown
Peterson, Amy Elizabeth	Jamestown
Peterson, Grace Irene	Litchville
Pulscher, Gertrude	Jamestown
Reed, Althea Venum	Amenia
Rognas, Minerva Alma	Devils Lake
Runner, Aline Mary	Cleveland
Sachow, Irene Mildred	Cleveland
Scheidecker, Lucile	Laurel, Mont.
Skutle, Clara Vivian	Nekoma
Schnell, Ethel Henrietta	Edgeley
Sharp, William Ernest	Jamestown
Shute, Clarence W.	Jamestown
Sloan, Evelyn Charlotte	Junaita
Smith, Irene Laura	Sheyenne
Stanley, Enid Lucile	Jamestown
Strutz, Rose Emelia	Jamestown
Tabler, Joy	Jamestown
Tobiason, Thelma O.	Larimore
Tordoff, Reefa Glenn	Jamestown
Vellenga, Peter	Tappen
Warne, Laura I.	Norwich
Watt, Agnes Mary	Leonard
Watt, Margaret Bruce	Leonard
Weld, Margaret	Cleveland
Wells, Kenneth Elmer	Excelsior, Minn.
Westley, William M.	Hannaford
Whipple, Mildred Viola	Urbana
Widman, Dorothy Ursula	Goldwin
Wilson, David W.	Buchanan
Wright, Edward S.	Oakes
Yoder, Elizabeth	Wolford
Zimmerman, Esther Theresa.....	Casselton
Zimmerman, Ruth Pearl	Casselton

COMMERCIAL

Ackerman, Isabel A.	Clements ville
Aker, Iris Winifred	Baker
Allen, Lewis	Jamestown
Anderson, Minnie C.	Wimbledon
Ayer, Katherine	Eau Claire, Wis.
Bannerman, John Ellsworth	Bismarck
Bell, Robert James	Oberon

Conley, Leslie A.	McKenzie
Cruttenden, Zatella May	Jamestown
Feton, Harold A.	Jamestown
Graf, Minnie E.	Streeter
Hamer, Elsie Mae	Cleveland
Haser, Elmer H.	Goldwin
Howe, Alma	Clementsville
Kelley, Olive Damaris	Ryder
Koch, Emma	Jamestown
Kreutsberg, Geo. H.	Edgeley
Langenes, John David	Jamestown
Legler, Paul W.	Jamestown
Livermore, Eljen F.	Jamestown
McCaul, Marven Dilbert	Ayr
McClennon, Charles James	Calvin
McLeod, Horace A.	Erie
Martin, Phyllis	Park River
Naumann, Leonard Oswald	Temvik
Noyes, Florence Zoa	Edgeley
Parkinson, James	Jamestown
Restvedt, Glenn	Ambuse
Semke, Edith	Jamestown
Wilhelm, Louise Augusta	Jamestown
Wilson, David W.	Buchanan
Worley, Brice Lee	Pettibone
Wright, Edward S.	Oakes
Wyatt, Gertrude Frances	Montpelier

ACADEMY

Fourth Year

Bernard, Kenneth Henry	Pettibone
Byrne, Patrick M.	Pingree
Conley, Leslie A.	McKenzie
Evans, David Marshall	Buffalo, Mont.
Haines, Olive Meta	Hesper
Hamer, Elsie Mae	Cleveland
Knauss, Rachel Lillian	Hannaford
Ringuette, Lawrence Henry	Jamestown
Ringuette, Raymond Leonard	Jamestown
Weld, Margaret	Cleveland
Worley, Brice Lee	Pettibone
Yeramian, Arshalouis	New York City

Third Year

Aker, Iris Winifred	Baker
Barringer, Ethel	Streeter
Bertholf, Donald Lycan	McKenzie
Buck, Louise Ernesia	Jamestown
Howe, Alma	Clements ville
Murphy, Jerome	Jamestown
McCaul, Norman Dale	Ayr
McClennon, Charles James	Calvin
Reed, Althea Varnum	Amenia
Sachow, Irene Mildred	Cleveland

Second Year

Armstrong, Mary Ellen	Hannaford
Ayer, Katherine	Eau Claire, Wis.
Beattie, Peter W.	Ayr
Berry, Helen Marguerite	Cleveland
Hagemeister, Florence	Ayr
Joos, Irwin Christian	Pingree
Kroeze, Robert Gray	Jamestown
Langenes, John David	Jamestown
Lusk, C. Claud	Jamestown
McCaul, Wayne Allen	Ayr
Restvedt, Glenn	Ambrose

First Year

Ackerman, Isabel A.	Clements ville
Hall, Geo. William	Buchanan
Haser, Elmer H.	Goldwin
Hills, Hazel Viola	Burlington
Hills, Howard Francis	Burlington
Holbrook, Donald David	Rugby
Johnson, Elsie Olive	Spiritwood
Joos, Viola Caroline	Pingree
Knauss, Perry P.	Hannaford
Kreutsberg, Geo. H.	Edgeley
Langenes, Daisey Maline	Jamestown
McCaul, Marven Delbert	Ayr
McGee, Bernice Jeanette	Eldridge
Norris, William Lester	Jamestown
Nutt, Iola Mary	Wimbledon
Sahr, Willard Alvin	Jamestown
Widman, Dorthy Ursula	Goldwin
Wilson, David W.	Buchanan

GENERAL SUMMARY

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Total	388
Names counted more than once	132
Net total	256

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NUMBER 1

The
Jamestown College
Bulletin

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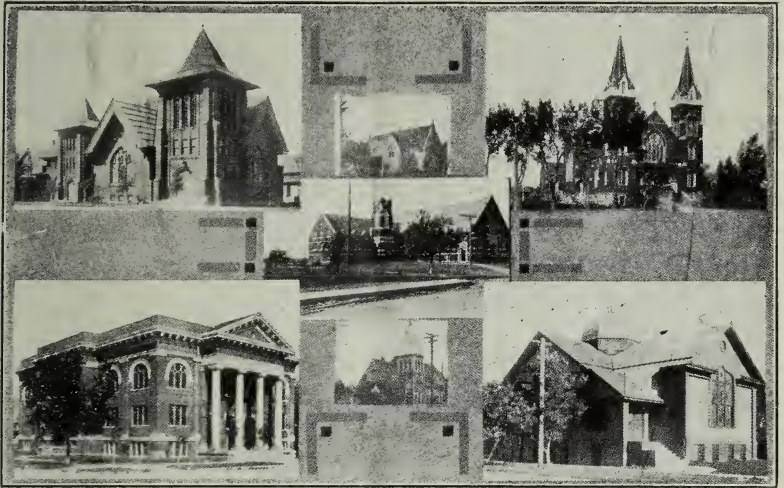
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1922---1923

JAMESTOWN, NORTH DAKOTA, MAY, 1922



A GROUP OF CHURCHES



THE MIDLAND AND NORTHERN PACIFIC DEPOTS



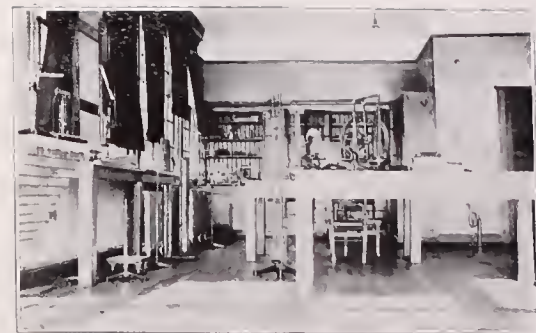
JAMESTOWN COLLEGE CAMPUS



TABER SCIENCE HALL



CHEMICAL LABORATORY



PHYSICS LABORATORY



A GROUP OF CHURCHES



VOORHEES CHAPEL AND MUSIC HALL



BIOLOGY



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THE MIDLAND AND NORTHERN PACIFIC DEPOTS

The Jamestown College Bulletin



The Annual Catalogue with the Register of Students of Jamestown College for 1921-1922. Also Announcements and Courses of Study for 1922-1923.

Jamestown, North Dakota, May, 1922

Entered at the Postoffice at Jamestown, North Dakota, as Second-Class Matter, November 5, 1909, under the Act of July 16, 1894.

Published quarterly by Jamestown College.

COLLEGE EVENTS

1922

Summer School June 15 to August 5

First Semester Begins.....	Tuesday, Sept. 19.
Registration Day	Tuesday, 8 a. m., Sept. 19.
Classes Meet	Wednesday, 8 a. m., Sept. 20.
Thanksgiving Recess.....	Thursday, Friday, Nov. 23, 24.
Recitations Resumed.....	Monday, 8 a. m., Nov. 27.
Christmas Vacation Begins.....	Thursday, 4 p. m., Dec. 21.

1923

Recitations Resumed.....	Wednesday, 8 a. m., Jan. 3.
Day of Prayer for Colleges.....	Thursday, Feb. 1.
First Semester Closes.....	Friday, Feb. 2.
Registration Days	Saturday, Monday, Feb. 3 and 5.
Second Semester Begins.....	Monday, Feb. 5.
Cap and Gown Day.....	Monday, Feb. 5.
Classes Meet.....	Tuesday, 8 a. m., Feb. 6.
Colonial Night	Thursday, Feb. 22.
Washington's Birthday.....	Thursday, Feb. 22.
Spring Vacation.....	4 p. m. Mar. 29 to 8 a. m. April 5.
Academy Night	Friday, June 8.
Baccalaureate Sermon.....	Sunday, June 10.
Annual Concert	Monday, 8 p. m., June 11.
Commencement in Academy.....	Tuesday, 8 p. m., June 12.
Class Night.....	Wednesday, 8 p. m., June 13.
Meeting of Board of Trustees.....	Thursday, 2:30 p. m., June 14.
Alumni Business Meeting.....	Thursday, 1:00 p. m., June 14.
Commencement	Thursday, 8 p. m., June 14.
President's Reception	Thursday, 10 p. m., June 14.

Regular meetings of Board of Trustees: For 1922, June 14, 2:30.

Incorporated as Jamestown College, November 19, 1883.

Received as Synodical College of North Dakota, October 9, 1885.

Closed its doors June, 1893.

Reopened September 20, 1909.

BOARD OF TRUSTEES

- I. 1922—Rev. D. T. Robertson, Ph.D., First Presbyterian Church,
Fargo.
David Lloyd, Banker, LaMoure.
- II. 1923—S. F. Corwin, Vice-President James River National
Bank, Jamestown.
C. F. Plummer, Merchant, Minnewaukon.
Abner Veitch, Financial Agent, Williston.
- III. 1924—Ben Orlady, Merchant, Dry Goods, Jamestown.
A. G. Burr, Attorney-at-Law, Judge District Court,
Rugby.
H. W. Gill, U. S. Customs, Portal.
- IV. 1925—Rev. Ward F. Boyd, First Presbyterian Church, James-
town.
Rev. B. A. Fahl, D.D., Presbyterian Church, Buffalo.
C. L. Young, Attorney-at-Law, Bismarck.
- V. 1926—W. J. Lane, Real Estate and Loans, Fargo.
John Mahon, Real Estate and Loans, Langdon.
J. H. Gale, Merchant, Hunter.
- VI. 1927—H. M. Taber, Financial Agent and Loans, Jamestown.
J. A. Coffey, Judge District Court, Jamestown.
H. C. Hansen, Superintendent of Schools, Flaxton.

OFFICERS OF THE BOARD FOR 1921-1922

Henry M. Taber, Chairman	S. F. Corwin, Secretary
Ben Orlady, Vice-Chairman	J. E. McElroy, Treasurer
	President B. H. Kroeze, Ex-Officio

EXECUTIVE COMMITTEE

Henry M. Taber, Chairman	J. E. McElroy, Secretary
Ben Orlady	S. F. Corwin
Rev. Ward F. Boyd	Barend H. Kroeze, D.D., LL.D.

FACULTY

BAREND H. KROEZE, A.M., D.D., LL.D., President
Philosophy

FRANK B. TAYLOR, M.S., Ph.D., Dean
Social Science

WILLIAM B. THOMAS, A.M., M.S., Registrar
Chemistry and Physics

MAY E. CHALFANT, A.M.
Greek and Latin Literature

WILLIAM E. ROE, A.B., D.D.
The Thomas McCurdy Memorial Chair of Religious Education and
Sunday School Methods

FREDERICK A. KING, A.M., Ph.D.
English Language and Literature

THOMAS W. JACKSON, A.M.
Mathematics and Engineering

GEORGE M. KNIGHT, A.M.
Biology

JOHN G. MOSKOFFIAN, A.M.
Romance Languages

THOMAS J. GOLIGHTLY, A.B.
Education and Psychology

ELIZABETH QUINLAN, B.S.
Domestic Science and Art

CHARLES EDGAR FULTON, A.M.
Principal of Academy

LAURA COOTEY, A.B.
Modern Languages

ARTHUR STUCKENBRUCK, M.C.S
Director of School of Business

MARION JACKSON, A.B.
Latin and English

CAROLINE CLARK ROE, A.B.
History and Biology Assistant

WILLIAM H. PAYNE, A.B.
English and Physics Instructor

SELINA M. LOGAN
Assistant in School of Business

G. CALVIN RINGGENBERG

Director School of Music, Piano, Organ

Graduate New England Conservatory. Pupil of Kurt Fischer, Alfred Devoto; in Organ, a pupil of Homer Humphrey and Wallace Goodrich; special student of Madam Lucas, Boston, in Voice; Graduate in Artist Course; special coaching for Recital Work with Lynwood Fornum; Harvard University, two years; Fountainebleau School of Music, Paris, France; Director School of Music, January 1, 1920—

ELIZABETH MUNCY

Voice

Pupil of Gertrude Maybe, Knox Conservatory; Blumenschein, Dayton Conservatory, Ohio; Arthur LeRoy Tebbs, American Institute of Applied Arts, New York City; John Hoffmann, Cincinnati Conservatory; Adolph Muhlmann, Chicago Musical College; 1921—

HELMER HUSETH

Violin

Pupil of Otto Meyer, Philadelphia, Pa.

EDNA LINN STUCKENBRUCK

Assistant Piano and Voice

Student Knox Conservatory; Graduate Highland Park College of Music; Student Oberlin Conservatory; New England Conservatory; 1920—

NETTIE GRAY KROEZE, A.B.

Assistant in Piano

Graduate New England Conservatory; Teacher Albert Lea College; 1920—

ROSS JENNINGS

Instructor in Band Music

EVA A. PARSLow

Preceptress

Instructor in Oil and Water Color

MARY WATT

Physical Education for Women

ELWOOD FAHL

Chemical Laboratory Assistant

ERWIN W. JOHNSTON

Chemical Laboratory Assistant

Page 5

WM. H. PAYNE, A. B.

Athletic Coach, 1921-22.

KARL ERICSON, A. B.

Athletic Coach, 1922-23.

FACULTY IN SUMMER SCHOOL

WILLIAM B. THOMAS, A.M., M.S.
Chemistry and Physics

FRANK B. TAYLOR, Ph.D.
Education, Sociology

C. E. FULTON, A.M.
Mathematics

H. M. DAVIDSON, A.M.
English, Psychology

HARRIET DANIELS
Primary Methods

NETTIE GRAY KROEZE, A.B.
Piano

BERTHA M. THOMAS, A.B.
Normal Training

FERN THOMAS, A.B.
French, Music

ALEXANDER BURR, A.B.
Physics in the Academy

NAOMI RAMER
Latin

DOROTHY HAYES
Stenography

EVA A. PARSLow
Preceptress

GENERAL INFORMATION

ADMINISTRATION

The administrative policy of Jamestown College is determined by a Board of Trustees which is a self-perpetuating body duly incorporated under the laws of the state of North Dakota. The Board consists of six classes, the term of one class expiring in June of each year. The election of the new class is confirmed at the annual meeting of the Synod of North Dakota. This policy guarantees wise and safe management, with responsibility to both legal and ecclesiastical authorities, rendering effective administration possible, and stimulating moral and religious supervision and training.

The Board of Trustees is responsible for and the guardian of all the property and funds of the College, and directly conducts its financial affairs. Investors and philanthropists are assured by such an administration, of business methods, devoid of politics, and duly accountable to the Church and State.

THE COLLEGE IDEA

It is the declared purpose of the College to encourage the development of an educated Christian citizenship, and to that end it seeks to offer a liberal culture combined with moral training. The educational ideal is, "The Balanced Life," a proper combination of the theoretical and the practical, the intellectual and the moral, such as no other type of institution gives. While denominational in auspices, the College is in no respects sectarian, and does not teach any church tenets. The Synodical supervision is designed to safeguard its moral and spiritual tone, to make its halls a place for effective scholastic training under the inspiration of Christian leadership, with accountability for its moral life and conduct. Every home is therefore assured that those whom it entrusts for a time to Jamestown College will be under ideal oversight and broad and liberal religious influence. It is a Christian College with home life.

ORGANIZATION

Jamestown College consists of the following departments:

- I.—The College of Liberal Arts, with the usual courses of four years leading to the degree of Bachelor of Arts (B.A.) and Bachelor of Science (B.S.).
- II.—Department of Education. Professional Courses for teachers as required by the State of North Dakota for licensed teachers. Courses in Educational Criticism and Philosophy.

- III.—The Academy or Preparatory Department. The Academy prepares for all the College courses. Diplomas are awarded.
- IV.—The Department of Music, which offers courses in Piano, Voice, Organ, Orchestration, Violin, Mandolin, Harp, Guitar, the Theory and History of Music.
- V.—The School of Business. Courses are offered in Typewriting, Stenography, Bookkeeping, Commercial Arithmetic, Accounting, Correspondence, Spelling, Penmanship, Office Practice, Commercial Law, Commercial Geography, Rapid Calculation.
- VI.—The School of Oratory and Physical Culture with courses in Elocution, Voice Building, Oratory and Physical Training.
- VII.—Domestic Science. Courses in Sewing, Cooking, Domestic Art, etc.
- VIII.—Religious Education. Courses in Bible History and Literature, Sunday School Theory and Methods, and Religious Training courses for Association Workers, Pastors' Assistants, Sunday School Superintendents and Teachers' Certificates are awarded.
-

THE COLLEGE SEAT

Jamestown is known as a city of culture, with beautiful buildings and homes, clean morally, with a citizenship proud of aesthetic and physical beauty, as evidenced by its numerous parks and drives. The city has a population of over 7,000 people. Its altitude is 1,400 feet, and for healthfulness it is unsurpassed. It has the finest railway station in the State, complete sewer system, free mail delivery, is brilliant with electric lights, and has an abundant supply of excellent water derived from wells. There are seventeen churches—Baptist, Presbyterian, Catholic, Congregational, Episcopal, Methodist Episcopal, Free Methodist, German, Evangelical, German Lutheran, Scandinavian Lutheran, Seventh Day Adventist; Swedish Lutheran, etc.; a daily and three weekly newspapers, and a fine public library, which is open to the students and allows them special privileges. A city Y. M. C. A. exists and is of great benefit to students. Jamestown is thus an ideal place for an educational institution, and offers the advantages of city life with delightful home influence and culture.

Jamestown is situated in the James River Valley, one hundred miles toward the interior of the State, on the main line of the

Northern Pacific Railway. It is the division point on the main line of the Northern Pacific, and the terminus of the Leeds-Jamestown and the Oakes-Jamestown branches, reaching from the northern to the southern portions of the State. The Pingree-Wilton line is also operated from Jamestown. The Midland Continental Railway has Jamestown as a division point, and furnishes excellent connections both north and south. The Soo and Great Northern connect with the main line and the Leeds branch. The College is thus of easy access from all parts of the State.

THE COLLEGE SITE

The College campus is within the city limits, slightly elevated, overlooking the city proper, and affords a most beautiful, inspiring city and landscape scene. It is a delightful and sunny spot, with perfect drainage. The campus consists of 107 acres, artistically laid out in drives and lanes and parking, athletic fields, tennis grounds, and unsurpassed building sites. It is intended to make the campus the peer of any in the land, and it can never be surpassed by any in the State. It is an ideal place for culture and study.

Taber Hall. This is designed as the main building for scholastic uses. It was dedicated January 6th, 1914. It is conveniently arranged for administrative purposes, recitation rooms, laboratories, and departmental work. One whole floor is fitted out as a Science Hall with modern equipment, and the best of laboratory facilities. It is of beautiful Tudor, or Early English design, 120 feet long and 63 feet wide, and three stories high. The building is the gift of a devoted friend to the cause of modern Christian education.

The Library Hall. This beautiful building is one of the finest College Libraries in the Northwest, thoroughly equipped with library facilities. The books are mostly new and up-to-date.

Men's Dormitory, properly known as Men's Hall, is a three-story structure. It has been repaired and equipped as a men's dormitory exclusively. It is one hundred feet long and forty-two feet wide. The rooms are all furnished with electric light and steam heat, and bath and toilet rooms are provided on each floor. It is a choice home under student self-government.

Sanford Dormitory is a new, modern structure for women. It commands a rare view, inspiring the studious habit. It will accommodate eighty women. The rooms are all large and commodious, arranged according to the best modern sanitary plans. It is heated with steam from a central plant, is lighted by electricity, and each woman is accommodated with her own wardrobe. Each floor is provided with excellent bathing facilities. Each woman is provided

with a single bed, and the rooms are furnished with tables, chairs, dressing cases, etc., to make them beautiful and comfortable. The building is of the classical style of architecture, known as the Jacobin, three stories with a spacious gymnasium for women on the fourth floor. A laundry is provided with every modern convenience. The best architectural features are in evidence. The home life of the student is always a matter of prime importance. The ethical and social aspects of school life are marked features of this College, and to these vital considerations this building and its surroundings render invaluable aid.

Central Heating Plant. This is a large structure with ample room for the heating of the entire College group as designed in the official plan of the campus plant. The rolling character of the south portion of the campus makes it ideal for excellent heating. It includes a cottage for the engineer.

The Voorhees Chapel and Commons. It is of English Gothic style of architecture of reinforced steel concrete floor construction, and will seat 750 students and accommodate about 400 in its commons and cafeteria. A Music Hall annex is a wing so that the building is in the form of an "L," making the studios of easy access to the Recital Hall. It is the only structure of its kind in the State. A three manual pipe organ is installed for use by the Conservatory of Music.

The President's House is also located on the campus. It is of English cottage design with the second story of cement. It is a spacious structure, commanding like all the buildings, a superb view of the wooded groves and river of the city.

Faculty Houses. In addition to the President's house three Faculty houses have been erected for the convenience of members of the Faculty. One is a brick and cement structure south of the President's house and the others are cement structures north of Taber Hall on the faculty row.

Gymnasium. The girls' gymnasium is located in Sanford Dormitory, and the general gymnasium is temporarily housed in the basement of the Library Hall. The gymnasium is equipped with showers, apparatus, floor courts, etc.

Allen Athletic Field. This field has been improved at considerable cost, to give an athletic field for all out of door athletic purposes. The field is the gift of Mr. H. B. Allen of Jamestown. A stadium is to be located on the south end of the campus near the proposed gymnasium.

The Library. The Library is located in the new Library Hall.

Rev. J. L. Danner, D.D., of New York City, contributed the major portion of his valuable library, known as the J. L. Danner Library. Dr. and Mrs. Dwight S. Moore also made a substantial gift of books. All books and other material are filed and indexed on the decimal system. There have been also gifts by Rev. J. P. Schell, Mrs. Roderick Rose, Mrs. S. L. Glaspell, George F. Falconer, Judge J. U. Hemmi, the late William Moore, Superintendent of Schools, Bismarck; H. M. Taber, Ben Orlady, Mrs. J. M. Rowe, Dr. A. G. Mendenhall, Hon. Lewis F. Crawford, Dr. W. H. Hunter and others. The library is now an excellent up-to-date college library.

LABORATORIES

All the laboratories are fitted with gas, electricity and water. The biological laboratories are equipped with tables and compound microscopes for the use of individual students. An abundance of staining material and apparatus for sectioning and mounting in histological courses is furnished, and the main biological laboratory by its location with a south and east exposure, is exceptionally well lighted throughout the day. Apparatus is new and modern.

For work in physics a large general laboratory, comprising practically one-fourth of one floor of Taber Hall, is equipped with new apparatus. The apparatus has been purchased with a view of enabling the student to do advanced work in the subject, most of which is quantitative in nature. The tables and wall cases are commodious and neat. The room is equipped for work in light with dark shades on all the windows, and a dark room enclosed from the rest of the laboratory. The current, furnished by the city electric circuit, is transformed to a voltage suitable for experimental work, by a special transformer, and a Noden valve is used for changing the alternating current to direct. This laboratory, as well as the biological, is fitted with an electric switch, for attachment of a Bausch-Lomb Balopticon. A stone table makes delicate manipulations possible in experiments calling for this, and a large balance-room apart from the general laboratory is similarly fitted with a stone bench in a well lighted part of the room. A complete radio station is installed and instruction given in all phases of wireless operation.

The chemical laboratory contains tables of the stone trough and sink type, at which students are assigned lockers for their work. A hood of the most approved model is built along one end of the room, and a store and dispensing room is furnished with chemicals required for advanced work. The balance-room adjacent gives opportunity for quantitative chemistry.

A laboratory and class room for courses in domestic science is

equipped with all the furnishings and apparatus necessary for courses in this department. Cooking is done with city gas.

The Moral and Religious Tone. In Jamestown College the emphasis is placed on the development of the character. This is the essential feature in Christian education, and is a material aid to the best scholarship. Culture and high ethical ideas are compatible with the scientific learning of the day. No denominational doctrine is taught nor required, but the religious life is guarded as life's highest aim. An untutored mind is better than a twisted character. The beauty and nobility of life is actuated by moral environment within classic halls.

A chapel service is conducted each day and attendance thereon is required.

All students upon enrollment are required to specify their church connection or choice, and attendance once each Sunday is required. Exemption from this rule is only given upon a special request of a parent or pastor, for some denominational reason. The same is true of daily chapel attendance.

The day of Prayer for Colleges is regularly observed with appropriate exercises, and is designed to be of help to the student body.

The students have two Christian organizations, the Y. M. C. A. and the Y. W. C. A. Membership in these is voluntary. They are of incalculable value in the religious and social life of the College, and by nature of their organization are eminently suited to bring all students together for mutual, social and ethical advantage. Regular meetings are held, conducted by the students themselves, and interest is stimulated in Bible and mission study. Addresses on Life Work are delivered by business and professional men during the year. The Associations have beautiful separate rooms in Taber Hall, which are probably the finest College Association quarters in the State.

College Paper. The students publish a four-page weekly College paper, The Jamestown Collegian. It is the exponent of student life and thought and greatly stimulates college spirit.

Churches. The seventeen different churches in the city co-operate with the Christian organizations to help the students in their social and religious problems, and the pastors are ever ready to render service. Students select their own church for worship.

Organizations. In addition to the Christian organizations the students have four Literary Societies. These are designed to develop efficiency in expression, oratory and forensic discussion. There is a general association called the Students' Association, which is made up of the entire student body and has charge of the oratorical contests and debates and other student affairs. It elects certain officers

and members of the Athletic Council, which manages athletics. The College is affiliated with the other colleges and the State University in the State Oratorical Association and Inter-State Oratorical Association. State and Inter-State debates are held.

The greatest degree of autonomy consistent with the necessary harmonizing of all interests is allowed the student body in the management of student affairs, and special direction by the Faculty is seldom necessary; but all organizations are responsible to the Faculty, and the President of the College, or the Dean in his absence, is ex-officio member of all organizations and committees connected with the institution. No new organizations may be created without special permission of the Faculty, and all constitutions must be submitted for approval.

Regulations. If required, students must submit credentials of good moral character at the time of entrance, and their continuance depends upon good conduct and compliance with all the rules and regulations in force. Culture and refinement are the properties of the campus, and "to do right" the supreme principle of conduct. The College reserves the right to change rules and conditions without notice.

Study hours are reserved each evening, except Saturday evening, which is the social evening, from 7:30 to 10:30. Students are free from College duties Sunday afternoon and evening. Friday evening is designed for meeting of Literary Societies, and other college and faculty functions.

All non-resident students are required to room and board in the Dormitories, unless specifically excused because of self-help. Each case is decided upon its merits by the College authorities.

A spacious laundry is provided by the women in Sanford Dormitory, where pressing of dresses and other wearing apparel can be done. For washing clothes and pressing, a nominal charge is made to cover the use of gas and electricity. Stationary tubs and gas heater are provided. This convenience enables students to reduce their expense to a minimum for laundry.

Rooms. The beautiful new Sanford Dormitory accommodates eighty women students. It is a Ladies' Hall, and the rooms are large, well lighted, all outside rooms, furnished with every modern convenience. It is one of the finest Dormitories in the State, and a delightful home for the women.

Since the rooms are limited, applications for reservations must be accompanied with a fee of \$7 which will apply on the rent. Failure to take the room means forfeiture of the fee. The rooms rent for \$7 a month for each student. This charge includes heat and electric light. A double room can only be had by one person when the

capacity of the Hall is not exhausted. In such a case an additional fee of \$4 a month is charged. The student should provide herself with linen, pillow and pillow cases, bedding, laundry bag and toilet articles. The beds are single, and make up in the day time as lounges or couches, giving the room the appearance of a cozy sitting room.

A laundress is employed at the Dormitory, who will do work for the young ladies at a reasonable rate, or they have the privilege of using the abundant facilities for doing their own washing as far as they desire.

The Young Men's Dormitory has the same modern conveniences as Sanford Dormitory. The charge for each student is the same, \$7 per month, including steam heat and electric light. A student wishing a double room alone without room-mate must pay \$4 additional per month. A room-mate must be taken whenever conditions demand it. Reservations can be had by remitting the fee of \$7, which will apply on rent. The beds are single. The student should provide himself with linen, pillow and pillow cases, bedding and toilet articles.

Rooms in both Halls are completely furnished with beds, study tables, dressing cases, chairs and window shades.

Failure to take the room reserved means the forfeiture of the fee.

The rooms must not be marred beyond ordinary wear by careful use. A deposit is made at the time of registration, to cover breakage, which is refunded at the close of the year after the room has been inspected and found in good condition.

Board. The dining hall is located on the first floor of Voorhees Chapel and Commons, and is beautifully and artistically arranged. Table board is as low as consistent with wholesome and healthful living. The board is on the co-operative plan; no profit is made, and only the cost is charged to the student. The rate has been \$4.75 per week. The policy has been to give thorough satisfaction and guard good health.

Rules Governing Payment. No deduction is made from any bills of the semester of eighteen weeks on account of suspension or dismissal. Board bills are due four weeks in advance.

In case of protracted absence on account of illness, deduction of one-half of the unexpired four weeks will be made, if this amounts to one week, and applied as a credit on board. On all boarding accounts, fractions of weeks will count as wholes.

Room rent for the entire semester must be paid at the beginning

of the semester. Absence within a semester will not entitle a student to reduction from a semester payment for rent.

Tuition is due for a semester in advance.

Where a student is obliged to withdraw from school before the end of the semester, the amount of unused tuition, rent and board to which he is entitled will be covered by a certificate enabling him to use the amount upon return except in the case of suspension or expulsion.

When a student enters after the beginning of a semester or for less than a semester, the charge for tuition will be pro rata for the time agreed upon, at the rate of \$27 per semester.

Expenses. Tuition in all departments, room rent, and fees are for the semester of eighteen weeks, and must be paid strictly in advance. Class registration is not permitted without the possession of the Treasurer's receipt or a special grant from the Registrar.

Tuition for the College or Academy, each semester.....	\$25.00
General fee, each semester.....	10.00
Library fee, each semester.....	1.00
Chemistry fee, each semester.....	4.00
Physics fee, each semester.....	2.00
Biological Science, each semester.....	3.00
Domestic Science, each semester.....	2.00

An enrollment fee of \$1 is charged for students who register late. A fee has been asked for by a vote of the Student Association. The amount is \$2.50 each semester. It takes the place of the Athletic fee, and admits to all games—a considerable saving to students. The Association also collects a fee of 50 cents per semester to defray its expenses.

A deposit of \$2.50 is made to cover breakage by those who room at Sanford Dormitory or the Men's Hall. This fee is returnable after inspection of the room, if the room is in good condition.

A small indemnity fee is charged for breakage in the laboratory.

Tuition in School of Music is found under description of that department.

Tuition in the School of Business is found under description of that department.

Diplomas. The fees for diplomas are as follows:

College or Music degree.....	\$5.00
Commercial Department, and others.....	\$2.50

Information Bureau. This bureau is designed to be of help to worthy young men and women who must obtain an education entirely or in part through self-help. It aims to bring the employer

and employee together. The opportunities for earning support are many. The method is honorable and highly to be commended to young people of limited means but with a strong thirst for learning. No young man or woman needs to live in this day of educational opportunities without a college education. For particulars, write to the Information Bureau, Jamestown College, Jamestown, N. Dak.

Athletics. The College stands for the extensive rather than the intensive principle in athletics, the object being to distribute the benefits of both athletic exercises and athletic spirit as widely as possible. Interscholastic games are limited by the Faculty to a reasonable number and interclass and department games encouraged. A member of the Faculty accompanies the teams on their trips.

In the management of athletics there are three elements. The Faculty and the Student Association elect an Athletic Board, composed of student, alumni and faculty members. The faculty appoints from its number an Athletic Director, who is also a member of the Athletic Board. The Board has general control of athletics and the Director specific management of the details of athletic affairs.

Athletic letters are awarded on the recommendation of the Athletic Board as to games played, and of the Faculty as to scholarship and conduct.

Book Store. For the convenience of the students a book and supply store is conducted in Taber Hall, where books and all kinds of school supplies can be purchased.

COLLEGE OF LIBERAL ARTS

(To secure prompt attention, all letters on college business should be addressed to Jamestown College, not to any individual or officer.)

General Requirements for Admission. Good character, and honorable dismissal from the school last attended. A willingness to conform to the requirements and ideals of the College is of course implied.

Preparation. Jamestown College is a member of the North Central Association of Colleges and Secondary Schools. The standard of preparation for admission is the same as that maintained by other strong accredited colleges and universities. It is based upon the policy of accepting the work actually done in the high schools and offering facilities, under proper regulation, for supplanting it where necessary.

Admission by Certificate. A certificate of the completion of 15 units from any standard American High School giving four years of work in advance of the eighth grade will admit the student to the Freshman class of Jamestown College, provided three of the units offered are in English (rhetoric, composition and classics) and one in algebra. In accordance with a general rule of colleges, 14 units admit conditionally. A unit will be understood to mean a subject pursued a year of 36 weeks or more at the rate of five recitations a week of 40 minutes each. Laboratory studies, including also such subjects as manual arts, drawing, and others, where much of the work must be done during the recitation, will be counted at the rate of two laboratory periods for one hour of recitation. Four units in vocational subjects, including agriculture, domestic science, manual arts or commercial subjects will be accepted. Such subjects as arithmetic, advanced penmanship, spelling and music will be counted as vocational. Certificates of credit should be mailed to the College early.

Preferred Subjects. Since many college courses are based on some preliminary work in like subjects, it will be greatly to the advantage of the student entering any college or university to be prepared in certain fundamental subjects; such as, Mathematics, two years; one Foreign Language, two years; Science, Social Science and History. This matter should have attention early in the High School course.

Incomplete High Schools. A student who comes from a high school not recognized as a standard four-years high school, will receive entrance credit, without examination in such subjects as are

shown to have been pursued in a manner equivalent to the corresponding courses outlined in the High School Manual of the State of North Dakota. The usual evidence will be a certificate from the proper authorities of the school. Such students may complete their High School work in Jamestown College Academy and enjoy many of the advantages of college life while doing so, since the Academy, though distinct in organization and management, is closely affiliated with the College. Those entering the Freshman class conditionally regularly make up the deficiency in the Academy, but in some instances, where it seems best, academy credit in place of college credit may be given for subjects taken in the College.

Admission by Examination. A student who is not able to enter by certificate may receive entrance credit from the College by examination in any subject recognized as preliminary to a college of liberal arts course provided he applies to the College for an examination and receives a passing mark.

College Credit for High School Work. This is difficult to secure.

Any credit that may be given for excess work done in High School will be by the following method:

No credit will be allowed unless entrance subjects in excess of 16 units are offered. A student may apply for credit for a course offered by the College which corresponds to some of his work taken in High School.

If his request is granted by the scholarship committee in conference with the department where credit is asked, the student may be permitted to write an examination and receive credit for the course in hours as shown in the College catalog.

The College reserves the right to choose the subjects regarded as meeting entrance requirements. Such advance credits must be adjusted during the Freshman year.

Advanced Standing. College credit will be given for work of college grade done in other colleges or in normal or technical schools of acknowledged good standing when properly certified.

Credit From Normal Schools. Students who have completed the one year professional course for High School graduates in an accredited Normal School are allowed 30 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the two-year professional course for High School graduates in an accredited Normal School are allowed 60 semester hours of advanced standing, provided they can satisfy the requirements for admission.

Students who have completed the regular four-year or five-year normal course are given 15 and 45 semester hours respectively of advanced standing.

Selection of Studies. Students are to select: 1st, requirements in which they are deficient; 2nd, studies required for their class and major; 3rd, prerequisites to subjects which they are to take up later; 4th, sufficient electives to complete their schedules. All student schedules must be approved by the Registrar, and by the Dean if he so desires. The maximum hours a student is permitted to take each semester is 16. For studies above the maximum, application must be made to the Scholarship Committee. This privilege will only be granted where evidence is given of special proficiency. Intensive work is aimed at, rather than extensive. All honors are based upon quality, not quantity.

Classification. A student of Jamestown College Academy may enter the College when he has completed the necessary number of units, having made the required arrangements in advance; but he must graduate from the Academy at the end of the year in which the transfer is made. College students may classify conditionally as Sophomores with a deficiency of 8 hours; Juniors, 6 hours; Seniors, 4 hours.

Summer School. A capable student may shorten his college course to less than four years by attending summer sessions; but he must announce his intention in advance. He will not be allowed to drift into the plan by over-scheduling. Here as elsewhere the policy of the College is to protect the interests of the student both as to scholarship and health. There is a limit established on the hours of credit that may be secured at an eight weeks summer school.

Credit by Correspondence. A student who finds it necessary for reasons that meet the approval of the College may earn six credits by correspondence during his college course. This provision refers to genuine correspondence work, not in absentia work.

Majors. Majors are to be selected at the middle of the Sophomore year. A card will be furnished the student, which he is to fill out and deposit at the office. A major consists of from 24 to 30 hours in a department. Majors are offered in the department of Biology, Chemistry, Education, English, French, Greek, History, Latin, Mathematics, Music, Physics, Religious Education, Romance Languages, Social Science. Each major must be approved by the Professor at the head of the department and by the Faculty. The head of a department is the educational advisor of students majoring in his department.

Regular Examinations. Written review tests are given at the regular recitation periods in the sixth and twelfth weeks of each semester. Their results constitute a part of the class grades. Sem-

ester examinations are given at the end of each semester on the entire work of the semester. The result counts one-third of the final mark, class grades constituting two-thirds of it.

Special Examinations. Special examinations will be given when necessary on account of late entrance, sickness, or other unavoidable causes, or for the purpose of obtaining standing in subjects not regularly certified from other schools. A special examination may be granted to a conditioned student by the professor in the subject with the consent of the Dean to be taken after the student has given the subject at least two weeks additional study under the conditions prescribed by the professor. For each special examination a fee of one dollar is charged, which must be paid in advance at the office.

Protracted Absence. A person allowed to enter late or to be absent for unavoidable reasons and expecting credit on all the semester's work, will be required to make up the work missed as rapidly as practicable under the guidance of the teacher and to take examination on it. Such examination shall not be regarded as excusing the student from examination on the complete work of the semester. The examination shall take place within six weeks, unless the absence occurs during the last month of the college year. In that case it may be held during the first month of the succeeding year.

Removal of Conditions. Conditions must be made up, in the way specified by the department concerned, within the succeeding semester. Permission to finish incomplete work may be given by a professor for sufficient reason, the time allowed to be determined by the professor but to be limited in any event to the succeeding six weeks of the student's attendance.

A student may not be enrolled for a new semester if he has failed in half of the work, counted in hours, in which he was regularly scheduled at the end of the preceding semester, unless permission be granted by special faculty action. When such permission is granted, the student is regarded as on probation, and may be dropped at any time by vote of the Faculty. A student who has been dropped may be re-instated at any time by vote of the Faculty, but ordinarily this will not be done until the semester has passed. Such a severance of a student's connection with the College is not regarded as a bar to his honorable dismissal to another institution. In case a student seems likely to fall in any subject at the end of a semester, a warning is to be issued, to both the student and his parents, not later than the twelfth week of the semester. This rule applies to all departments of the institution.

Graduation and Degree. The College offers two baccalaureate degrees: Bachelor of Arts and Bachelor of Science. In order to give

a well-balanced fundamental education to all graduates, the following requirements are made for degrees. The adjustment of electives furnishes abundant opportunity for specialization or for a wider culture:

English (1 and 2) required.....	6 credits
Foreign Languages (see Note 3).....	12, 14 or 17 “
History	6 “
Philosophy (exclusive of Psychology).....	3 “
Bible subjects	8 “
Public Speaking	2 “
Psychology	3 “
Physical Culture	4 “
Social Science	6 “
Science	8 “
Electives	66, 64 or 61 “

Total number of credits required for graduation.....124

NOTES. 1. Students offering a biological science for entrance will elect physics or chemistry; those offering physics or chemistry, a biological science.

2. Courses 1 and 2 (or 15 and 2) in Mathematics (7 hours) are required of all candidates for the B.S. degree. Course 15 is required of all Freshmen who offer but one unit of algebra for admission.

3. If a student offers no foreign language for admission, he must secure 17 semester hours credit in foreign language in college; if he offers one high school unit for admission, 14 semester hours will be required in college; and if two units are offered for admission, 12 semester hours are to be taken in college.

4. Credit will not be given for the first semester in a foreign language until the second semester has been successfully completed.

5. One major, as specified above, is required. Candidates for the B.S. degree must major in biological or physical science.

6. A minimum of one year's residence in Jamestown College is required for graduation. Half of this residence requirement may be met by attendance at the Summer School sessions of the College.

Teacher's Professional Certificate. Those who desire the teacher's diploma are required to take 16 hours of educational subjects, in accordance with the State requirements for the first and second grade professional certificates. This diploma entitles the holder to such a certificate without examination. See Department of Education.

Honor System. In addition to 124 credits required for graduation, 100 honor points are necessary. These are gained by high

rank in regular studies and by faithfulness and efficiency in the special activities and enterprises of college life, such as Literary Society work, participation in public programs, success in contests, and the earning of athletic letters. An honor roll containing the names of students reaching a specified average grade is posted at the close of each semester.

Graduation Honors. Final honors are awarded to college graduates for high standard of excellence, scholastically, throughout their college course. The special mention will be attached to the diplomas in the usual form according to the degree of excellence attained, such as Cum Laude, Magna Cum Laude, etc.

DESCRIPTION OF COURSES

Courses are arranged under the various department heads in the catalogue in the order of difficulty, as far as may be, beginning with the most elementary. Departments are arranged alphabetically. Three-hour courses regularly recite on Mondays, Wednesdays and Fridays; two-hour courses on Tuesdays and Thursdays.

Odd number courses are regularly given in the first semester, and those bearing an even number in the second semester. An odd and an even number connected by a hyphen means that the course continues throughout the year. The number of hours specified indicates the number of semester credits, not necessarily the actual recitation and laboratory time, though these usually correspond closely to the number of credits. A class in a subject will not usually be offered for fewer than five applicants. In accord with a general custom some of the more advanced courses are offered in alternate years.

ART EDUCATION

Courses are given under private instruction. Terms made known upon application.

ASTRONOMY

1. Introductory Descriptive Astronomy. 3 hours

Howe's elements used as a text. This course may be taken by students who have had no mathematics beyond the preparatory courses, but a knowledge of trigonometry will greatly aid the student. The student will be expected to familiarize himself with the more important constellations, and with the American Ephemeris and like publications.

2. Advanced Astronomy. 3 hours

Young's General Astronomy as a text. Plain trigonometry and a

good knowledge of physics are necessary. This is a more mathematical course than 1. Such a course as 1 prerequisite.

DEPARTMENT OF BIOLOGY

1. Invertebrate Zoology. 4 hours

Beginning with the protozoa, a systematic study is made of type forms of all the phylums up to the vertebrates. The work consists of recitations, quizzes, lectures, and laboratory work. Open to all college students.

2. Vertebrate Zoology. 4 hours

This is a continuation of Course 1 where the higher animals are studied. Physiology and economic importance are emphasized along with morphology.

3. Botany. 4 hours

This is a study of the structure and physiology of seed plants. The department is amply supplied with instruments and equipment to demonstrate germination, respiration, transpiration, photosynthesis, growth, etc. Text-book, lecture, field work and laboratory experiments.

4. Botany. 4 hours

Evolution of the plant kingdom. The four great groups of plants—thallophytes, bryophytes, pteridophytes, and spermatophytes are studied in turn with laboratory work on type forms. The department is equipped with enough Baush and Lomb microscopes so that individual laboratory work is done.

5. Physiology and Personal Hygiene. 4 hours

A study of the structure, functions and care of the human organism. Text book and laboratory work. Courses 1 and 2 are prerequisite. A student should also have had some chemistry.

6. Physiology and Public Hygiene and Sanitation 4 hours

A continuation of Course 5. The causes and prevention of diseases; public health; handling of foods; milk supply; water supply; proper housing and kindred topics. Lectures, reference work, text book, and laboratory.

8. Evolution and Genetics. 3 hours

A study of the theory of Evolution, the theory of Genetics, Mendals law, etc. Prerequisite, Courses 1 and 2 or Courses 3 and 4.

9. Anatomy and Histology. 3 hours

This is a course for those who may want to do more extensive

work in dissecting the mammal than is done in Course 2. Largely individual laboratory course.

10. Bacteriology. 3 hours

This is a general course in Elementary Bacteriology and should be of interest to any student. Courses 1 and 2 or 3 and 4 are prerequisite.

11. Teachers' Course. 2 hours

(See Education 12, Special Methods.) This is a course for Juniors and Seniors who are majoring in Biology and expect to teach the subject. A practical course dealing with course of study, laboratory equipment, text books, supplies, etc.

12. Entomology. 2 hours

A short course on insect life.

DEPARTMENT OF CHEMISTRY

1. Inorganic Chemistry. 4 hours

This is an introductory course in chemistry, open to all college students. The work progresses more rapidly than is the case when taken in secondary school texts. McPherson and Henderson's Advanced Course in Inorganic Chemistry is used as a basis of the course. A laboratory manual is used as a guide in the required laboratory work of the course.

2. Advanced Inorganic Chemistry. 4 hours

This is the natural continuation of Course 1. It may also be elected by those who have had a year of secondary school chemistry. Experiments, many of which are quantitative, are worked in the laboratory, and these are supplemented with lectures and quizzes. The latter part of the course is an introduction to Qualitative Analysis. For this reason the student will make the tests and establish for himself the groups used in analysis.

3. Qualitative Analysis. 5 hours

A thorough course in inorganic chemistry is prerequisite. The work is mainly in the laboratory, but a sufficient number of laboratory periods will be given to enable the student to do the work of the laboratory in an effective manner. The first part of the work is confined to the metals, but as the student becomes prepared for this, work will be given in the acidic elements. Unknown substances will be analyzed constantly.

4. Quantitative Analysis. 5 hours

Course 3 is prerequisite. The laboratory work consists of deter-

minations of single elements by approved methods. The lectures will consist largely of discussions of approved methods of analysis and quizzes as to laboratory results. In addition to what has been described, problems of a practical and commercial nature will be discussed and worked in the laboratory.

5. Organic Chemistry. 4 hours

Recitations, lectures and discussions of subjects in organic chemistry. Laboratory work. A text will be followed. Inorganic chemistry is prerequisite.

6. Advanced Organic Chemistry. 3 hours

This course will be given by special arrangement. Course 5 is prerequisite. It continues the theoretical work and laboratory work of that course. It comprises also some work in organic analysis.

7. Water Analysis. 3 hours

This is a practical and theoretical course in the chemical analysis of water. The student who so desires may apply his knowledge of chemistry to this field of commercial application of chemistry. The hours of credit noted above may be adjusted to the needs of the student.

8. Applied Chemistry. 3 hours

This course is based on a text and will examine the applications which may be made of chemistry in daily life and in commercial life. Introductory chemistry is prerequisite, but the course may be elected by those who have not had chemistry beyond the general courses.

9. Chemical Calculations. 2 hours

A course is offered in the computations and calculations of chemistry. It is in part a review of some of the laws of the science. It aims to acquaint the student with the use of the slide-rule and with logarithms for chemical purposes.

10. History of Chemistry. 2 hours

A course offered to those who have had sufficient preparation, for the purpose of co-ordinating their previous study of chemical principles and discoveries. Not given every year.

11. Theoretical Chemistry. 4 hours

This is a course given by lectures, text-book and laboratory work, to supplement Courses 1 and 2, and to present the latest theories held in chemistry on such topics as solution, ionization, osmosis,

atomic weights and numbers, etc. The course involves, also, the solution of some problems.

The attention of the student is called to the pre-medical nature of several of the courses above. Those interested in pre-medical work should advise freely with the Department of Chemistry relative to the order of the courses.

COMMERCE COURSES

Students who are planning to take Pre-Commerce studies will find several of the required courses listed under Social Sciences and other departments, especially in the School of Business. A special circular is issued by the College suggesting the proper grouping of Pre-Commerce courses.

ECONOMICS

See Social Sciences, where courses in Economics are grouped with other Social Sciences.

EDUCATION

See Department of Education, where courses in Education and Teaching are listed and described.

ENGLISH LANGUAGE AND LITERATURE

1-2. Composition. 3 hours

First Semester: Letter Writing and Exposition. Considerable emphasis is placed on the study of paragraphs, sentences, and words.

Second Semester: Description and Narration. One novel and a volume of short stories are read for illustrative purposes. Frequent short themes and one long theme in each semester.

Required of all Freshmen.

3-4. Outline of English Literature. 3 hours

First Semester: Beginning of English Literature to the 18th Century.

Second Semester: English Literature from the 18th Century to the present. Lectures, collateral reading, discussion.

Elective for Sophomores, Juniors and Seniors. Alternates with Courses 13-14.

5-6. Shakespeare. 3 hours

A study in chronological order of all of Shakespeare's plays.

First Semester: A study of the formative and comic periods of his career ending about 1601.

Second Semester: Tragedy and romance. Text-book, lectures, discussions.

Elective for Juniors and Seniors. Alternates with Courses 7-8.

7-8. Nineteenth Century Poetry.

3 hours

First Semester: A study of the representative works of Wordsworth, Scott, Coleridge, Byron, Shelly, Keats.

Second Semester: A detailed study of the poems of Tennyson and Browning. Lectures, collateral reading, discussions.

Elective for Juniors and Seniors. Alternates with Course 5-6.

9-10. Development of the Novel.

3 hours

First Semester: A study of the English novel from the Elizabethan beginnings to and including Dickens, Thackeray, George Elliot.

Second Semester: Development of the Modern Novel. England France, Russia, Scandinavia, Germany, Italy and Spain. Lectures, assigned readings, reports and discussions.

Elective for Juniors and Seniors. Alternates with Course 11-12.

11-12. Development of the Drama.

3 hours

First Semester: A study of the development of the English Drama from the crude beginnings in the miracle and morality plays through the Elizabethan Age.

Second Semester: A study of Modern Drama, Goldsmith, Sheridan, Tennyson, Browning, Shaw, Ibsen, Hauptmann, Sudermann, Maeterlinck. Lectures, assigned readings, reports, and discussions.

Elective for Juniors and Seniors. Alternates with Course 9-10.

13-14. American Literature.

3 hours

A detailed study of prose and poetry of America from the beginning to the present. During the course special emphasis will be placed on the American Short Story. Text-book, lectures, assigned readings, discussions.

Elective for Sophomores, Juniors, Seniors. Alternates with Courses 3-4.

15. English Literature of the Last Half Century.

2 hours

A study of Meredith, Hardy, Stevenson, Shaw, Kipling, Conrad, Wells, Bennett and Galsworthy. A systematic reading of the authors of our time and the generation immediately preceding ours. Lectures and discussions.

16. Teachers' English.

2 hours

Study of the History of the English Language as a background preparation for the teaching of English.

Review of the high school course in English; and the aims and methods of the teaching of Composition and Literature.

Elective for Juniors and Seniors. Offered in alternate years.

English 17. Literary Appreciation and Criticism.

2 hours

A study of the rise of criticism, its problems, methods, and critical apparatus; an attempt to discover the basis of literary judgment. This course involves a great variety of reading of different kinds of current literature from the standpoint of real value and social tendency.

English 18. Newspaper Writing.

2 hours

A study of the elements of news writing and style form the basis of the work. Proper attention is given to writing heads, structure of news stories, reporting and gathering of news, and other forms of elementary journalism.

Prerequisite, English 1 and 3.

English 19. Advanced Composition.

2 hours

A course in higher composition involving the writing of the essay, short story, drama. Students must have shown previous proficiency in original writing and have special permission to enter this class.

20. Argumentation.

2 hours

Primarily a thought course. A detailed study of the theory and practice of Argumentation applied to topics of interest and importance. A semester forensic is required. Text-book discussions, reports.

Elective for Sophomores, Juniors, Seniors. Alternates with Course 19.

Major. The requirement for a major in English is 24 hours. The courses, however, must be so distributed as to cover each literary type such as the drama, the novel, and the chief poetic forms.

A survey course in English literature and the Teachers' course are essential to a major.

EXPRESSION

See Department of Oratory and Dramatic Art

FRENCH

The courses of study in French are designed to afford a high degree of literary culture, as well as to impart a thorough training in the grammar and linguistics of the language.

All the courses are conducted chiefly in French; also the Cortina phonograph method is used to train the student in the hearing and making of French sounds; and as an aid to phonetic instruction.

Attention is called to the rule that "credit will not be given for the first semester of a foreign language until a second semester has been successfully completed."

1. Beginners' Course. 4 hours

Fraser and Squair's French Grammar, Part 1, will be completed. Talbot "Le Francais et sa Patrie" or its equivalent will be read in class.

2. Continuation of Course 1. 4 hours

Composition work from the grammar once per week. Reading, translation and conversation. Text-book: "French Short Stories," Buffum or equivalent.

3. French Literature. 3 hours

Readings of the following texts or their equivalents with written summaries, translation and conversation based on them:

"Barbier de Seville," Beaumarchais; "Les Trois Mousquetaires," Dumas; "Le Cure de Tours," Balzac; "Columba," Merimee; "Les Miserables," Hugo. Composition once a week—Koren, "French Composition."

NOTE:—A special section is organized for those who present but one year of high school French.

4. Composition and Literature. 3 hours

Reading and discussion of the following texts: "Le Juif Polonais," Erckmann-Chatrian; "Le Malade Imaginaire," Moliere; "Picciola," Saintine.

5. Eighteenth Century Literature. 3 hours

Study of the historical setting, and the history of the literature with Fortier's "Histoire de la Litterature Francaise" as a basic text.

Rap'd reading of masterpieces by Voltaire, Rousseau, LeSage and Beaumarchais.

6. Nineteenth Century Literature.

3 hours

A survey of the different literary movements of the nineteenth century in France, their causes and effects. Recitations based on Fortier's "Sept Grands Auteurs." Rapid reading of representative texts, with special emphasis on drama and poetry. Outside reading and reports.

7. Seventeenth Century Literature and History.

3 hours

Particular attention is given to the social and historical setting. Students reports on topics connected therewith, also oral summaries of works read outside. Representative works of the following authors will be read and discussed: Moliere, Corneille, Racine, La Fontaine, and Mme. Lafayette. Recitation in French once per week from Fortier's "La Litterature Francaise."

8. Outline Course in French Literature.

3 hours

Much attention is given to the Literary Monuments of the Old French Period. Chanson de Roland; Aucassin et Nicolette, etc. Reading of some Renaissance work. Some Nineteenth Century reading with special emphasis on the novel.

NOTE:—Courses 7 and 8 alternate with Courses 5 and 6.

French 10. Teachers' Course.

2 hours

Study of French civilization and history as a background for the teaching of French. Free composition on assigned masterpieces of French literature. Practice in French conversation based on "French Daily Life."

NOTE:—French 10 counts toward the 16 hours Education requirements for students majoring in French.

NOTE:—2. Students who expect to teach French and wish a recommendation from the department must take this course.

This course alternates with the Spanish Teachers' Course.

French 12. Composition and Conversation.

2 hours

A more extensive drill than is possible in the regular literary courses. The basis of the work will be principally French magazines and French newspapers. A French book on contemporary French life and culture will be used.

Prerequisite, French 3. This course is designed to accompany the work in French 4 or 6.

The department furnishes French daily papers and illustrated monthly magazines to be used by the students and by the Cercle Français.

Major. A major in French usually requires continuous work in the language throughout the college course, unless French is presented upon entrance. A major must not be less than twenty-four hours.

GEOLOGY

1. Dynamic and Structural Geology. 3 hours

Chamberlain and Salisbury used as text. Special readings and reports from the publications of the United States Geological Survey, and from other publications of similar character. The course will be carried into historical geology by means of lectures with the lantern. As much field work as feasible will be done. It is the aim of the course to cover the subject in a manner to give it value as an introduction to further work and as a study for general culture and information.

2. Historical Geology. 3 hours

A more intensive study of some of the topics introduced in Course 1. Folios of the United States Geology Survey used largely for reference. The Course may be elected to follow Course 1 immediately or at somewhat later date.

3. Economic Geology. 3 hours

A course which presents geological facts as they influence commercial and economic conditions. Given by arrangement, on application.

4. Meteorology. 3 hours

A course in meteorology and the phenomena of climate. Given by special arrangement with the instructor.

GERMAN

1. Drill Course. 3 hours

Rapid reading of modern texts with oral and written reproduction. Moser, *Der Bibliotekar*; Meyer, "Der Schuss von der Kanzel"; Lessing, "Minna von Barnhelm." Composition once a week on Paul Bacon's "German Composition."

2. Classic Period. 3 hours

Goethe and Schiller, "Jungfrau von Orleans"; Goethe, "Hermann and Dorothea." Continuation of weekly composition.

3. Modern Literature. 3 hours

Suderman, "Frau Sorge"; Hauptman, "Die Versaunkene Glocke"; Fulda, "Der Talisman." Composition based on Pope's "German Composition."

4. Lessing. Continuation of Composition. 3 hours

"Nathan der Weise," "Emilia Golotti," Lessing's Dramatic Theory.

5. Introduction to German Literature. 3 hours

Main movements and products of the national literature. Assigned readings and informal lectures.

6. Schiller. 3 hours

"Wallenstein." Discussions of the causes of the Thirty Years' War and its effects upon Europe. Comparison of the real Wallenstein with Schiller's idealized hero.

GREEK

1-2. Elementary Greek. 4 hours

In the grammar, stress is placed upon the mastery of inflections, sentence structure and idiomatic usages. Constant drill in oral and written exercises. Xenophon's "Anabasis," first book, with careful drill in construction, accompanied by prose based on text.

3. Xenophon. 4 hours

"Anabasis," books 2, 3 and 4. Syntax and composition, the same as Course 2. Prerequisite—Courses 1 and 2.

4. Homer. 3 hours

"Iliad." Three to six books, or selections equivalent. Study of the life of the Homeric Age, constant practice in the reading of verse. Particular attention paid to Homeric forms. Prerequisite—Course 3.

5. Greek Philosophy. 3 hours

Plato's "Apology" and "Crito," with selected passages from Xenophon's "Memorabilia." History of Greek Philosophy. Prerequisite—Courses 1, 2, 3 and 4.

6. Homer. 3 hours

"Odyssey." Six to nine books. Rapid reading of verse. Style. Homeric forms and metrical peculiarities carefully studied. Prerequisite—Courses 1, 2, 3 and 4.

7. Introduction to Greek Tragedy. 3 hours

One play each selected from Sophocles and Euripides studied critically. Origin and history of the Attic Drama. Prerequisite—Courses 4 and 5.

8. Oratory. 3 hours

Demosthenes' "Corona" and selections from Lysias. Study of style, method and manner of the orations. Informal treatment of the political career of Demosthenes. Prerequisite—Courses 1 and 2.

9. History of Greek Literature. 3 hours

Informal lectures. (May be taken by students who do not read Greek.) Elective.

10. Greek Comedy. 3 hours

Intensive study of the "Clouds" of Aristophanes. Study of development of old and new comedy. Elective. Prerequisite—Course 4.

11. New Testament Greek. 3 hours

(Selections are made from the above courses to meet the needs of the students.)

HISTORY

1. General History. The Ancient Period. 3 hours

The design of this general course is to give a working knowledge of the outlines of history and to lay a solid foundation for later specialization. Lectures, readings, discussions, etc., with especial emphasis on thorough class-room work.

2. General History. The Mediaeval and Early Modern Periods. 3 hours

Continuation of Course 1.

3-4. General History. The Modern Period. 3 hours

Following Courses 1 and 2. A careful study of the modern period from the age of Louis XIV until the present time. Special stress

laid upon the great national movements of the nineteenth century, with discussion of modern European politics. Methods as above.

5-6. English History. 3 hours

This course traces the period of the origin and growth of English nationality. The work requires investigation of secondary and original sources, and the preparation of papers.

7-8. American History. 3 hours

Constitutional development is especially emphasized, with attention to current events and historical methods. This course alternates with that in English history.

9-10. Ancient History. 2 hours

This course plans a detached study of Greek and Roman history, from the earliest time to the fall of the Western Empire. All phases of the ancient civilization are carefully noted. Individual research, papers, etc., required.

11-12. Current History. 2 hours

This is a course in the study of contemporaneous events, both at home and abroad, with brief reviews of most recent history where such knowledge is requisite. Individual research is the method employed, with lectures, etc.

LATIN

1. Elementary Latin. 4 hours

Rapid course for college students. Pronunciation, inflections and constructions.

2. Caesar. 4 hours

Selected extracts from "The Gallic War," Books I to VII.

3. Cicero. 3 hours

Selected orations.

4. Virgil. 3 hours

Selected extracts from six books of the Aeneid.

(Courses 1 to 4 inclusive are provided for students who do not offer Latin for admission.)

5. Cicero and Terence. 3 hours

Cicero, "De Senectute" or "De Amicitia" or both. Latin compo-

sition at sight and hearing. Terence, "Phormio." Introduction to Latin comedy. Prerequisite courses 1 to 4.

6. Livy. 3 hours

Selections from books 1, 2, 21 and 22. Study of the Roman monarchy, the rise and growth of Roman institutions and the period of the Punic wars. Prose at sight and hearing. Prerequisite—Course 5.

7. Horace. 3 hours

Odes and Satires. The characteristic of the Ode and Satire, the different meters, with practice in the reading of verse and Horace's philosophy of life will be studied with care.

8. Roman Satire. 3 hours

Continuation of Course 7.

Selections from Horace and Juvenal's Literary Art, and portrayal of Roman society of the period.

9. Myth Course. 2 hours

A study of Latin, Greek, Egyptian, Scandinavian, German and other myths. No Latin required. Essentially a literary course. Illustrated where possible. Text, "Bullfinch's Age of Fable." All students are advised to elect this work at some time in their course.

10. Roman Private Life. 2 hours

A study of the daily life, customs, art, and architecture of the Roman people. Illustrated where possible. May be taken as a literary or history course by those having had little or no work in Latin. Text suggested, "Johnston's Roman Private Life."

11. Teachers' Course. 3 hours

Pronunciation and reading of prose and verse, with rapid study of syntax and principles of Latin order. Selections read from academy and high school texts. Prerequisite—Courses 1, 2, 3 and 4.

12. Cicero's and Pliny's Letters. 2 hours

Political character and history of the times, with Cicero's own political principles, philosophy and conduct. Also selections from letters of Pliny, with study of early empire. Comparison of the closing years of the Republic and the early empire.

13. Horace. 3 hours

"Tacitus," "Agricola" and "Germania." Content and style studied. Rapid reading of Latin aloud.

14. Livy Prose. 2 hours

Eased on Book XXI, with selections from other books. Required for a major in Latin.

15. Latin Comedy. 3 hours

The plays of Plautus and Terence. Detail study of one or two plays of each. Early Latin forms, syntax, versification and relation of the plays to Greek originals.

16. Roman Oratory. 2 hours

Cicero. "De Oratore" and selections from other works on oratory studied.

17. Lucretius. 2 hours

"De Rerum Natura." Literary study and rapid reading of verse.

18. History of Roman Literature. 2 hours

General survey through informal papers and topical reports. Prerequisite—Courses 1 to 6.

(Selections are made from the above courses to meet the needs of the students.)

MATHEMATICS

Students expecting to take a course in engineering should take Courses 1, 2, 3, 4, 8, 9, 11 and 12.

Students intending to teach Mathematics in High School should elect at least 15 hours from the following courses: 1, 2, 3, 8, 10, 11 and 13.

Students studying Mathematics for its cultural and educational value, will do well to take courses 1 or 15, 2, 3 and 11.

1. College Algebra. 4 hours

A thorough review of the Elementary Principles of Algebra, with the more advanced topics, such as Mathematic Induction, Permutations, Combinations, Theory of Equations, Partial Fractions, Series, etc. Prerequisite—One and one-half years of Algebra and one year of Plane Geometry. See Mathematics 15, a course in College Algebra where only one year of High School Algebra has been had.

2. Plane Trigonometry. 3 hours

The theory and use of Logarithms; the development and applications of the general formulas of trigonometry; the solutions for right and oblique triangles, with problems of practical application.

Prerequisite—Mathematics 1 or 15, and one-half year of Solid Geometry. Provided that Mathematics 14 may be taken simultaneously with this course in lieu of the Solid Geometry requirement.

3. Plane Analytic Geometry. 3 hours

Systems of co-ordinates; the relations of equations and their loci; standard equations with their general properties, numerical problems and applications. Prerequisite—Mathematics 2.

4. Solid Analytic Geometry. 3 hours

Co-ordinates in space, straight lines and planes, special surfaces and tangents. Prerequisite—Mathematics 3.

5. Mathematical Theory of Investment. 3 hours

This is especially valuable for students of business and public affairs. It deals with the mathematics of simple and compound interest, annuities, amortization of debts, valuation of bonds, sinking funds and depreciation of property, building and loan associations, life insurance, etc. Prerequisite—Mathematics 2.

6. Spherical Trigonometry. 2 hours

Geometrical principles, solution of right and oblique spherical triangles with problems of practical application. Prerequisite—Mathematics 2.

8. Mechanical Drawing. 2 hours

Instruction in the use of instruments. Geometrical problems, orthographic projective and development of surfaces.

9. Surveying. 3 hours

A theoretical and practical course in land surveying, topographical surveying, leveling, calculation of areas and computation of earthwork. Prerequisite—Mathematics 2. Given odd-numbered years, alternating with Course 10.

10. Elementary Mechanics. 3 hours

This course treats of the action and effect of forces on matter and the laws governing the movements and equilibrium of bodies. Open to those who offer Physics for entrance. Prerequisite—Mathematics 2. Given even-numbered years, alternating with

11. Differential Calculus. 3 hours

Rules and formulae of differentiation, expansion of functions,

indeterminate forms and applications. Prerequisite—Mathematics Course 9.

3 and 4.

12. Integral Calculus. 3 hours

Principles of integration and their application to curves, areas, volumes, etc. Prerequisite—Mathematics 11.

13. History and Teaching of Mathematics. 2 hours

A brief study of the History of Mathematics and discussion of the object and method of teaching Mathematics in the High School. (See Course 11 under Education.) Given odd-numbered years.

14. Solid Geometry. 2 hours

A brief course for those who do not offer Solid Geometry as an entrance requirement. Required of those majoring in Mathematics.

15. Advanced Algebra. 4 hours

A review of High School Algebra, with advanced topics of college grade. This course is intended to accommodate Freshmen who offer but one unit of algebra for entrance. This course will count for only two hours toward a major in mathematics. Prerequisite—One year algebra.

MUSIC

The following College credits are given for work in the Musical Department: Harmony 1, 2; Harmony 2, 2; Harmony 3, 2; Theory 4, 2; Ear Training 1; Sight Singing 1; History of Fine Arts 2.

For courses, see Department of Music.

A maximum of eight College credits for Practical Music may be given to students in music who have taken at least four years. Special Faculty action is necessary for work done prior to 1916-1917.

Glee Clubs, Band, Orchestra and other musical organizations are maintained in the College. Jamestown is one of the principal stations on the transcontinental route for entertainment companies, and therefore furnishes the highest grade of talent in its public entertainments. The musical element in College life is decidedly strong.

PHILOSOPHY

The courses in the Department of Philosophy are open to students

after they have completed their Freshman year. A text is generally used, but frequent lectures are given. It is designed to not only give the development of philosophic thought, but also to cultivate the ability of independent thinking and philosophizing.

1. General Psychology. 3 hours

A foundation is laid in a careful but rapid study of the functions of the nervous system and its relation to mental life. The fundamentals are developed. Some attention is paid to the claims of the different schools of Psychology.

A text is used as a guide to study. Discussions, lectures and collateral readings develop the course.

Required of Sophomores.

2. Social Psychology. 2 hours

The social mind, its factors and its expression in the customs, institutions and eccentricities of the people. Text, lectures, readings and discussions.

Prerequisite—Psychology 1 and Social Science 9, 10 or 12.

3. Logic. 3 hours

Deductive, with a practical treatment of inductive reasoning. Practice is given in sound reasoning and argumentation.

4. Ethics. 3 hours

The careful study of the leading systems of ethics, with an endeavor to discover the true basis of obligation and the fundamental principles of moral conduct. Lectures are given and texts used.

5-6. History of Philosophy. 3 hours

History of Ancient, Mediaeval, and Modern Philosophy. A survey of Greek, Roman, patristic, and modern speculative thought. Texts and lectures. Critical readings from Plato's Republic; Aristotle's Metaphysics; Descartes' Meditations; Locke's Essay on the Human Understanding; Berkeley's Principles of Human Knowledge; Hume's Treatise on Human Nature; and Kant's Critique of Pure Reason.

8. Movement of Thought in the 19th Century. 2 hours

Special course. Course 5 is prerequisite. The leading speculative theories of the past century are critically analyzed. Philosophical investigation and philosophizing are cultivated.

PHYSICS

1. Introductory Physics. 4 hours

It is not possible for all students to have pursued introductory courses in Physics for entrance. Introductory courses more advanced in scope than secondary physics are here given. It is expected that students who desire an acquaintance with the subject equivalent to what has been known for years as "College Physics" will continue in some of the later courses.

Mechanics and Sound. Lectures, demonstrations, and note-book work. Mathematical preparation should include all the secondary school algebra and plane geometry.

2. Introductory Physics (continued). 4 hours

In general, the student who begins Course 1 is expected to continue through 2. The method of the course is the same as that of 1.

3. Advanced Physics. 5 hours

Mechanics, Sound, Heat. This is the first course in Advanced Physics. Mathematical courses, through College Algebra and Trigonometry and Introductory Physics are required. Courses 3 and 4 comprise a year of continuous work, but credit will be given for a single course.

4. Advanced Physics. 5 hours

Light, Magnetism, and Electricity. Continuation of Course 3. Course 1 prerequisite.

5. Special Experimental Course. 3 hours

A course designed to give the student an opportunity to work with apparatus requiring careful manipulation. Courses 1 and 2 are prerequisite.

6. Mechanics. 3 hours

A problem course for which credit will be given as a course in science. For further description, see mechanics course under Mathematics.

7. Radio-Telegraphy. 2 hours

The theory of electric waves as applied to radio-telegraphy and radio-telephony. Lectures, recitations and laboratory work. The student must have had a year or more of college physics and courses

1 and 2 in Mathematics. The College is equipped with a wireless station, giving opportunity for practical work.

POLITICAL SCIENCE

See Social Sciences, where courses in Political Science are grouped with other Social Sciences.

PUBLIC SPEAKING

(See Department of Oratory and Dramatic Art)

RELIGIOUS EDUCATION AND SUNDAY SCHOOL METHODS

This department has made a substantial development. Always first must come Bible study. The incomparable character of the Bible and its acknowledged effect on spiritual growth render an opportunity to know it thoroughly a privilege to be sought and welcomed. The courses below recognize the value of the Bible both as history and literature, and in impressing religious truth. In them, interpretation of the Bible is from a point of view positively Christian and intelligently conservative. The same standard of scholarship is maintained here as in other departments. Thorough preparation and careful work are required. A student who has faithfully pursued these courses may feel assured of a good knowledge of the Bible. But in view of the increasing demand for trained Christian leadership in the Sunday School and in various forms of lay activity, the Department offers certain other courses, specified below, that will fit students for such service. Such courses are open to persons not regular students.

1-2. Problems and Discussion in the Old Testament. 2 hours

The stress will not be laid on the mere narrative, but the attempt will be made to handle the difficulties and to give a thorough knowledge of Hebrew History and the development of the Kingdom of God up to the coming of Jesus Christ. Lectures and discussions, with assigned readings and papers.

3. Hebrew Prophecy. 2 hours

A study of the Prophets and their messages.

4. Problems and Discussions in the Life of Christ. 2 hours

This course is based on the Gospels as arranged in Stevens' and Burton's Harmony and the same methods as in Courses 1 and 2 are employed.

5. Apostolic Church History. 2 hours

A general course on the beginning of Christianity, and the history of the Church during the first century.

6. History of the Bible. 2 hours

A course taking up questions of authorship, scope, environment, etc., of the books of the Bible; textual criticism, the Canon, versions etc.; and especially the history of the English Bible.

7-8. Church History. 2 hours

A rapid review of the development of the Ancient and the Mediaeval Church, followed by a fuller course on the modern period.

9. A History of Missions. 2 hours

A study of the world-wide spread of Christianity and the Christian civilization, especially in modern times.

10. Comparative Religion. 2 hours

A study of other faiths, especially of the great ethnic religions with which Foreign Missions deal.

11. Literary Study of the Bible. 2 hours

This course will use Moulton's Introduction to the Study of the Bible.

12. Theism and the Evidences of Christianity. 2 hours

A general course on these subjects, based on a text-book, with free discussions and constant reference to Scripture.

13. Christian Theology. 2 hours

A brief outline for lay workers. Lectures, readings, etc.

14. Social Principles of Jesus. 2 hours

A study of the relations of the principles laid down by Jesus to modern social problems.

15. The Sunday School and Its Methods. 2 hours

A text-book is used, with lectures, discussions, and papers. The aim is to make this work a practical training with constant reference to present-day needs.

16. The Sunday School Teacher. 2 hours

A practical course on the work of the teacher, with a study of child psychology.

17-18. New Testament Exegesis.

2 hours

A Gospel and an Epistle for critical study.

19. Bible Masterpieces.

2 hours

SOCIAL SCIENCES

Economics and Commerce. These courses apply as well in Departments of Commerce and additional courses thus applying will be found in our School of Business.

Political Science.

Sociology.

The above sciences are of vital importance because they involve direct application of all scholarship and intellectual power to the practical problems of life, especially on its public side; and also because their study, investigation, and discussion furnish an especially effective drill in the methods of thought by which the public questions of the time (so pressing at present) are to be understood and appreciated. No educated citizen of a free country can afford to lack a thorough grounding in the social sciences as a fundamental element in his college training. A growing appreciation of this fact accounts for the rapid increase in interest in these subjects in colleges in recent years.

1. American Government.

3 hours

An advanced study of the government of the United States as a basis of comparison with other modern governments and especially from the point of view of the origin and development of modern democracy. Especial attention is given to the actual working out in practice of our federal representative system through supra-constitutional and extra-legal devices. Current applications are made.

2. Elements of Political Science.

3 hours

The origin, nature, forms and functions of the State; a comparative study of modern governments, including new governments and the League of Nations.

3. International Law.

3 hours

A general introductory course considering the subject historically and giving special attention to current topics and development.

5. Elementary Economics.

3 hours

The text-book is supplemented by informal discussions and

research work. Much practice and concrete problems. Attention is given to current events illustrating economic principles.

6. Economic Principles and Problems. 3 hours

This course may be taken as a continuation of Course 5. It gives a more advanced presentation of the principles of economics and discusses their application to practical problems, including public finance and taxation.

7. Applied Economics. 2 hours

Selected problems are discussed, differing in different years, always in a very concrete way and with much attention to current application, internationally, nationally, and locally.

8. Economic History. 2 hours

The history of commerce and trade in mediaeval and modern times, followed by a study of American industrial development.

9. Principles of Sociology. 3 hours

The relations of Sociology to the other social sciences; the realities that make up the general life of a people; customs, institutions, social classes and castes; social control, social genesis, social values and ideals.

10. Principles and Problems of Sociology. 3 hours

This course may be pursued as a continuation of Course 9. It presents further discussion of principles and additional applications to social problems.

12. Applied Sociology. 2 hours

Various applications of the facts and principles of sociology to concrete problems are considered, different selections being made in succeeding years. Current applications and local and State conditions receive special attention.

13. Teachers' Course. 2 hours

A course in the teaching of the social sciences in the common schools and high schools. It receives credit as an educational subject in the Department of Education.

SPANISH

1. Elementary Spanish. 4 hours

The object of this course is to give a working knowledge of

the fundamentals of Spanish grammar, a speaking command of simple idiomatic Spanish, and a basis for literary study. Text books: De Vitis Spanish Grammar, and De Vitis "Spanish Life"; Morrison: "Tres Comedias Modernas"; Alarcon: "El Sombrero de Tres Picos," or equivalents.

2. Continuation of Course 1. 3 hours

3. Reading, Composition and Conversation. 3 hours

(Open to students who have completed Courses 1 and 2 or have 8 hours credit in Spanish.)

Basis of written work and conversation: Warsaw, "Spanish-American Composition Book"; reading of representative plays and novels with brief resume of the history of Spanish Literature.

Becquer, "Cuentos Cortos"; Galdos, "Dona Perfecta"; Gutierrez, "El Trovador"; Cervantes, "Selection from Don Quixote."

Also a Spanish magazine, "El Boletin de la Union Pan-Americana," will be used for class work.

4. Continuation of 3. 3 hours

5. Spanish Literature. 3 hours

History of the Literature based on Ford's "Outlines of Spanish Literature." Reading specially centered on the literature of the Golden Age. "Selections from Don Quixote" (Heath & Co.). Representative plays by Lope de Vega, Ruiz de Alarcon, Calderon, Tirso de Molina.

6. Spanish-American Culture and Literature. 3 hours

This course will begin with a study of the history and literature of the Revolutionary period in South America. Coester's "Literary History of Spanish America" will be the basis of the study of the authors. Works from such authors as Jorge Isaacs, Jose Marmol, Ruben Dario will be read in Spanish. Also the magazine "Inter-America" will be used.

7. Study of Spanish Novel and Drama. 2 hours

Novels of the different periods will be read with special emphasis on those of the last fifty years. The dramas read will be those of the dramatists popular in Spain today.

8. Spanish-American Novel. 2 hours

Primarily a rapid reading course designed to give the student an

idea of the South American republics as we find their life reflected in their novels.

Courses 7 and 8 alternate with 5 and 6.

9. Teachers' Course.

2 hours

A study of the development of the Spanish language and racial influences upon it. Survey of current text-books and their values. Wilkins' "Spanish Methods in High School" will be a basis of recitation. Students in this course will be asked to conduct recitations occasionally.

10. Spanish Conversation.

1 hour

Conversational work will be based on the Cortina phonograph method. Students will converse on assigned topics. This course is open to students who have completed Courses 1 and 2, or students of special proficiency who are taking Course 1.

Major—The Major in Romance Languages—French and Spanish—is to be recommended, as there is a great demand for this combination. The requirement is 30 hours, divided approximately as follows: French, 20 hours; and Spanish, 10 hours, or the reverse.

DEPARTMENT OF EDUCATION

Aims of the department: First, to offer to such students as may desire to qualify for the first grade professional certificate a group of Educational courses from which a selection totaling at least 16 hours can be made that will, upon his receiving his degree, entitle him to such certificate. The work here outlined conforms to the requirements of Section 871 of the General Laws of North Dakota. Second, to offer to qualified students every possible assistance in securing teaching positions. Third, to offer a major of 28 hours in Education and Psychology to such students as may wish to specialize in these subjects in order to fit themselves for the teaching and administrative functions in the field of public education.

As many as five hours of Psychology may be counted toward the 16 hours of Education required for certification. Students wishing to emphasize Psychology, may count the courses in the Psychological aspects of Education as Education, or as Psychology.

COURSES

1. Introduction to the Study of Education. 2 hours

This course is designed to introduce the student to the scientific study of Education. Text-book, collateral readings, observations and reports. Required of all students majoring in Education or seeking certification in North Dakota.

2. History of Education. 3 hours

An attempt to acquaint the student with the vital facts in the History of Education, with a distribution of emphasis according to their relative importance. Text-book, lectures and reports.

3. Educational Psychology. 3 hours

An introductory course that treats the fundamental psychological problems that underlie successful class-room and administrative methods. The nature of the child and the nature of the adolescent are considered in relation to school work. Text-book, lectures and collateral readings. Prerequisite, Psychology 1.

4. Educational Tests and Measurements. 3 hours

This course is designed to acquaint the student with standard educational tests, their literature, method and growing use in the

educational field, and to give him some experience in giving tests and scoring results. The course is vital to all students expecting to be associated with administrators who use modern methods. Text-book, lectures and reports. Prerequisite, 5 hours of Education.

6. Intelligence Tests. 3 hours

A brief survey of the literature in this field will be made. An intensive study will be made of some chosen scale, its methods of construction and the validity of its results. Some time will be devoted to a consideration of the different types of scales. Prerequisites, Psychology 1 and 5 hours of Education. This course alternates with course 4.

7. School Administration. 3 hours

A survey course covering the whole field of Administration, organization, grading and promoting instrumental aspects and school costs. Particular attention will be given these problems as they relate to North Dakota. This course is designed to meet the needs of those who expect to become administrators. Lectures, readings and reports. Open to Juniors and Seniors. (This course alternates with Course 2.)

8. Methods of Modern Elementary Education. 2 hours

This course treats of the teacher's class-room methods in the elementary school, the selection and organization of subject-matter, and the planning and testing of teaching. Text-book, observation of teaching in an elementary school, reports and collateral readings. Prerequisite, Education 1.

9. Social Aspects of the Educational Problem. 2 hours

This course treats school problems in their social relationship. The curriculum is examined for its social content. The social objectives of education in various fields are studied with the material of instruction offered for achieving their aims. Text-book, collateral readings and reports.

10. Methods of Teaching in the High School. 3 hours

A course in general method for students who contemplate teaching in the High School. This course is concerned with the actual problems of effective class-room instruction. It is made concrete and practical by numerous examples chosen from actual experience. Text-book, observation of teaching and reports. Open to Juniors and Seniors. (This course alternates with 8.)

11. Philosophy of Education.

2 hours

This course presupposes some knowledge of Educational Psychology and aims to sum up and correlate the student's educational ideas into a harmonious whole. Text-book, reports and discussions.

12. Psychology of High School Subjects.

2 hours

The psychological approach in learning high school subjects. A text is used. Collateral readings, lectures and reports. Open to Juniors and Seniors having Psychology 7 and Education 10.

14. Advanced Course in Educational Method.

2 hours

A course in comparisons and evaluations of methods. No text is used, but an outline is followed. The literature of the field is surveyed and its essential features correlated, and unified into a logical whole. Open only to advanced students majoring in Education and others by special permission. (This course alternates with 12.)

**15. The Problem of Administration and Supervision in
the High School.**

2 hours

An attempt to give to prospective administrators and supervisors in the High School a working knowledge of their functions.

A text is used as a guide. A large number of assigned readings required. Lectures, reports and discussions.

Open only to advanced students majoring in Education.

17. The Junior High School.

2 hours

The origin, organization, administration and pedagogical justification of the Junior High School. A text is used and numerous assigned readings required. Prerequisites, Psychology 1 and five hours of Education. (This course alternates with 15.)

Practice Teaching.

An opportunity for practice teaching is offered to all students preparing to teach in the secondary schools. A minimum of about forty hours is expected unless the student has had actual experience and is excused from the requirements by the head of the department.

Special Methods.

In addition to general methods in secondary education as out-

lined in Course 10, opportunity is offered to students to study methods co-ordinate with their principal subjects or their majors. These courses may be arranged for with the proper departments of the College and reported to the Department of Education. In general the credit allowed for such courses will be two semester hours, and a total of not more than six hours will be credited toward the certification or toward the major requirement.

Note—Additional Courses in General Psychology are found under the department heading of **PHILOSOPHY**.

FIRST GRADE PROFESSIONAL CERTIFICATES

The bachelor's degree of the College entitles the holder to a first grade professional certificate, provided courses are properly selected. For full information see pages 21, 47.

SECOND GRADE PROFESSIONAL CERTIFICATES

Students who are planning to take courses leading to a second grade professional certificate (1) should enroll for this work when they first register on entrance and (2) make selection of studies so as to complete the prescribed 16 hours of educational subjects in the required time, usually two years. (3) Students taking this course must have completed a four years High School course of approved standing, the same as required in other college courses. (4) At least 64 semester hours of work will be required (one-half the full college requirement for a degree). Such work must be distributed as to time and subjects as the College may prescribe and in order to facilitate the selection of courses the following suggested groupings are shown as for the Freshman and Sophomore years:

Freshman	Sophomore
English 1-2.....6 hours	Education 3.....3 hours
Education 1 and 8.....4 “	Education 2.....3 “
General Psychology3 “	Education (elective)3 “
Bible2 “	Bible2 “
Language8 “	Language6 “
*Elective6 “	*Elective15 “
*Elective3 “	

*Electives should be selected so as to have a reasonable number of hours in the subject selected.

Some of these subjects may count for credit for a degree, later, and the student is advised to select with this possibility in view.

TEACHERS' SPECIAL CERTIFICATES

In the subjects in which the North Dakota certificate regulations

authorize the issue of special certificates, the College at present calls attention to courses in the following:

Music, Commercial Subjects, Domestic Science. The education requirement for the music certificate differs from that in the other two subjects. There is, however, a requirement of educational subjects in each case. Detailed information may be found under the respective headings cited and printed elsewhere in the catalog. Graduation from a High School is a prerequisite in all cases.

SPECIAL CERTIFICATE IN COMMERCIAL SUBJECTS

A student who desires to qualify for a special certificate for teaching these subjects in North Dakota must conform to the following conditions:

1. High School graduation.
2. A minimum requirement in educational subjects of 16 semester hours.
3. A selection of subjects which the institution approves for a diploma for teachers of commercial subjects.

The following is suggested as a possible grouping of subjects requiring ordinarily two years of college work and leading to a special certificate in North Dakota:

English 1-2.....	6 hours
Bible	4 “
Physical Training	2 “
Social Science	6 “
Mathematics 1	4 “
Geology or Chemistry.....	4 “
Educational Subjects	16 “
History	3 “
Advanced Commercial Subjects.....	17 “
	—
	62 “

Note—A student is required to select courses in Advanced Accounting or in Stenography and acquire skill in the particular line which he will teach. These courses presuppose preparatory work in the same subjects.

Some of these subjects may count for credit for a degree, later, and the student is advised to select with this possibility in view.

Electives are expected to be chosen from such subjects as Mathematics, Science, History, Social Science.

The student should bear in mind the possibility of later completing work for a degree and should so arrange his work so as to make

this possible with the least loss. Courses are found described under proper headings in the catalog. The student should regard the work of the two years rather definitely prescribed and should therefore consult fully about selection.

SPECIAL CERTIFICATE IN DOMESTIC SCIENCE

Students who desire to prepare for a special certificate, in North Dakota, in Domestic Science should follow the same general plan as to High School graduation and other preparation as for the certificate in Commercial Subjects.

The following is a suggested grouping of subjects in a Domestic Science course for teaching. The courses named are all of college grade:

English	6 hours
Bible	4 "
Physical Training	2 "
Chemistry (Inorganic).....	8 "
Physiology	8 "
Sociology	3 "
Psychology	3 "
Other Education Courses.....	13 "
Foods 1-2	8 "
Sewing 1-2	4 "
Dressmaking	3 "
	—
	62 "

SPECIAL CERTIFICATE IN PUBLIC SCHOOL MUSIC

For suggested course, educational requirement and other information for this certificate, look under the heading, **Music**.

DEPARTMENT OF ORATORY

The purpose of this department is to afford opportunity for the systematic development of the mind, body, and soul; to advance dramatic art, and to develop forceful, graceful, easy, and natural expression in public readers and speakers. The art of expression, or oratory, is invaluable for the effective use of the knowledge and culture obtained in the arts and sciences. Too much attention cannot be given to effective address in these days of theorizing. The power of thought is concealed except where there is power of expression. Subjective power is appreciated when it is made objective. Professor Lawrence spoke truly when he said: "Oratory has been more potent in shaping the course of events and bettering the life of a man than any other agency, not even excepting war itself; for in most cases where liberty struggled with oppression, force was but the son of eloquence, owing its being to it, and without eloquence liberty would never have come to pass."

Careful attention is also given to physical culture under competent training, seeking to develop symmetry, beauty and health. Appropriate exercises are planned in regular gymnasium classes. There are now two gymnasiums, one for girls in Sanford Dormitory, and one for boys in the Library Hall.

The College stands in the first rank in debate and oratory. First place has been won twice in five years, and second three times.

1-2. **2 hours**

A general beginning course dealing with the subject matter and the physical basis of public speaking, and their application to the fields of conversation, speeches for the occasion, debate and oratory. Required of all Academy students. Texts: Brewer, Oral English.

3-4. **2 hours**

A technical study of the mechanics of delivery; reading and analytic study of classic orations. Oratorical construction. Required of all College students. Text: Shurter, Public Speaking. Through the year.

5-6. **2 hours**

Debate and Argumentation. This course is designed to equip students in forensic discussion and organization of themes in debate. Questions of the day are analyzed.

7-8. **2 hours**

An advanced course of class-room study and conference work

dealing with problems of composition and delivery of the different forms of public address—the debate, lectures, essay, drama, oration. Throughout the year.

9.

Special courses are arranged for private instruction to meet the needs and advanced work of the student. Individual conference work is arranged in connection with all courses, to meet the needs of the individual student.

DEPARTMENT OF MUSIC

The Department of Music is a distinct department of Jamestown College. From the beginning the trustees of the College have given special encouragement to the Music Department with the result that it has enjoyed a steady and substantial growth both in members and scholarship.

MUSIC HALL

The building occupied by the Department of Music was completed in 1919 and is of modern fireproof construction throughout, equipped in every detail for the work of the Music Department. The first floor contains the large, well lighted studios, several practice rooms, and a reading room equipped with musical periodicals and files. The school floor occupies a Recital Hall.

THE PIPE ORGAN IN VOORHEES CHAPEL

Voorhees Chapel, connected with the Music Hall, contains the new large Wick electric pipe organ of three manuals. The instrument is modern in every respect and is blown by electricity and fitted with modern devices throughout. In addition there is also an Estey practice organ.

THE STEINWAY GRAND PIANO

The Department also has a new Steinway Concert Grand Piano for concert and recital purposes.

DEGREES AND CERTIFICATES

Bachelor of Arts

Students in the College of Liberal Arts may elect Music as a major for the degree of Bachelor of Arts. The maximum credit in music allowed toward this degree is thirty semester hours of which at least twenty hours must be chosen from the courses in Theory, Harmony, History of Music and Solfeggio. A maximum of ten hours may upon recommendation of the Music Faculty, be credited for study in Practical Music. Students electing Piano as a major, are expected to practice fifteen hours per week; Organ, eight hours per week; Voice, as required by the instructor. The granting of the degree, with a music major is based on music efficiency equal to the giving of one public recital, and in the piano course one

movement of a concerto, of advanced music in the major study each year.

COURSE IN PUBLIC SCHOOL MUSIC

This course aims to prepare students to supervise the teaching of music in the grades and high schools.

For the purpose of acquiring musicianship, work in Piano and Voice are carried throughout the entire course unless students have already made a satisfactory study of these subjects.

Requirements for Public School Music certificate in North Dakota are as follows.

HIGH SCHOOL GRADUATION

Educational subjects the same as required to qualify for a second elementary certificate, viz: Psychology, Pedagogy and three senior review subjects.

The following is a suggested list of courses requiring normally about two years, and leading to the certificate issued by the College in Public School Music. This may become the basis for a teaching certificate issued by the State.

English	9 hours
Education (see Note).....	
Foreign Language	8 "
Physical Education	2 "
Bible	4 "
Electives (non-musical)	15 "
Theoretical Music:	
History of Music.....	4 "
Solfeggio	4 "
Public School Music Methods.....	4 "
Harmony	8 "
Theory	4 "
	—
	62 "

All candidates for this certificate must take Glee Club and similar activities as directed.

Note—If the educational subjects required by the State of those applying for a certificate to teach have not been studied in the High School or elsewhere, they may be selected from courses offered by the College. The student should consult the catalog under the head **Education.**

For details of courses in Voice, Piano and other subjects, see under the various subject headings.

PRIVATE TEACHERS' CERTIFICATE

This course is intended primarily for those who aim to be private teachers in their own communities. The minimum of time required for this course is two years, at the completion of which a certificate will be given. In addition to giving two public recitals from memory, the following theoretical work is required:

History of Music 1, 2.....	Credit, 4 hours
Harmony 1, 2, 3, 4.....	Credit, 8 "
Theory 1, 2.....	Credit, 4 "
Lectures in Pedagogy.....	Credit, 0 "
Solfeggio 1, 2.....	Credit, 4 "
	<hr/>
	20 "

Courses of Study

While it is impossible to designate with accuracy the literature to be used for each student, the following outline gives an idea of the nature of the work done in each year of the course:

Pianoforte

Freshman: Hanon Virtuoso Pianist; Czerny op. 740; Compositions by Beethoven, Grieg, Handel, Bach, MacDowell, etc.

Sophomore: Hanon Virtuoso Pianist; Clementi Gradus ad Parnassum; Chopin, Etudes; Compositions by Bach, Beethoven, Weber, Liszt, Schumann, Scott, Debussy, Ravel, etc.

Junior: Chopin Etudes; Bach, Well Tempered Clavichord; Concertos by Mozart, Mendelssohn, Beethoven, advanced compositions by Classic and Modern composers.

Seniors: Etudes by Chopin, Liszt, Rubenstein; Concertos by Grieg, Liszt, Schumann, etc.; advanced compositions from Classic, Romantic, and Modern composers.

Organ

Students desiring to enter the regular Organ Course must have gained a proficiency in piano playing equal to two years of systematic study and practice.

Freshmen: Study of manual touch; pedal playing; elementary registration.

Sophomore: Progressive study of registration; compositions for church service and concert performance.

Junior: Advanced organ compositions of all schools.

Senior: Special emphasis on modern French organ compositions.

VOICE

Preparatory

Breathing exercises; plain scales and arpeggios; relaxing of muscles of throat and chin; vocalises on the vowels; songs by Willeby, Lynes, Hawley, Gaynor, etc.

Intermediate

Advanced vocalises; staccato exercises; songs by Salter, Rogers, Buck, Franz, Cadman, etc.

Junior

Exercises on flexibility and trill; advanced vocalises; songs by Handel, Gonoud, Rubenstein, Schubert.

Senior

Continued exercises on flexibility and perfecting of trill, oratorio and opera arias, and songs with permanent artistic value.

VIOLIN

The art of violin playing has made such rapid strides within late years that it has become a prominent feature in musical institutions of standing. Great improvements have been made, methods of instruction in accordance with which our department aims to keep pace.

HARMONY

Harmony 1 **2 hours**

The principal triads of the major and minor scale. The chord of the sixth, sixth and fourth, dominant seventh, secondary triads.

Harmony 2 **2 hours**

Open position, dominant ninth, heading tone seventh, modulation.

Harmony 3 **2 hours**

Altered chords, suspension, retardation, passing tones and embellishments, organ point and the figured chorole.

Harmony 4 **2 hours**

Analysis of standard compositions harmonically, indicating the derivation of each chord and non-harmonic tones.

HISTORY OF MUSIC

History of Music 1	2 hours
History of Music 2	2 hours

These courses cover the period from the beginning of the Christian era to the present, with an introduction on ancient and primitive music. The compositions of prominent composers are carefully studied by means of Victrola records.

THEORY

Theory 1	2 hours
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This course is a summary of the knowledge required by every teacher and professional musician, as the following topics show: Acoustics; Musical Terminology; Rhythm and Accent; History of Notation; Natural and Artificial Groupings; Metronome; Syncopation and Metre.

Theory 2	2 hours
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Analysis of Form; Hymn Construction; Figure Treatment; Guiding Motives; Song Forms; Sonata Forms; Symphony; Rondo; Overture; Prelude; Vocal Forms; Suite; Canon; Analysis of Counter Point; Fuge.

SOLFEGGIO

Solfeggio 1	2 hours
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Ear Training, Sight Singing Exercises, and Dictation.

Solfeggio 2	2 hours
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Continuation of Course 1.

APPRECIATION OF MUSIC—Elective

Appreciation 1	2 hours
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A lecture course in hearing and appreciation of music for those who wish it as an element of liberal culture as well as for music student. This course will consist of lectures and illustrations on the Victrola of Program Music and Symphonies.

Appreciation 2	2 hours
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Lectures and illustrations on the Victrola of Oratorio and Opera.

PUBLIC SCHOOL MUSIC

Public School Music 1	2 hours
Public School Music 2	2 hours

See page 56 for description of courses

SPECIAL ADVANTAGES

Artist Recitals

An important part of the music student's education is the hearing of good music rendered by artists of superior ability. Through the affiliation of the Music Department of Jamestown College and the Jamestown Music Club opportunity is given students to hear great musical artists. Concerts in Jamestown during the year, 1920-1921, include the following:

Myra Sharlow, soprano; Zoellner String Quartet; Louis Kreidler, baritone; Isador Berger, violinist; Harold Henry, pianist; Frances Ingram, contralto. Tickets to the Artist Courses may be obtained by all students at a nominal price.

STUDENT RECITALS

One of the important advantages of the Department are the frequent recitals given by students and advanced students, so that students may become familiar with a greater number of compositions than they individually can study; and that they may themselves perform for the purpose of gaining self-control and ease in public appearance.

MUSICAL ORGANIZATIONS

The Musical Organizations of Jamestown College are as follows:

The Men's Glee Club. Membership is obtained by competitive examination.

The Girls' Glee Club. Membership is obtained by competitive examination.

The College Band is one of the strong activities of the College. The instrumentation is very complete and their music is greatly appreciated at athletic events and college functions.

The College Chorus. Any student may join the chorus. Choral works are studied.

Fees

For Piano, Organ, Voice, or Violin, from the Director—	
Two lessons per week, half hour each, per semester.....	\$50.00
One lesson per week, half hour, per semester.....	27.00
From other Teachers—	
Two lessons per week, half hour each, per semester.....	40.00
One lesson per week, half hour, per semester.....	24.00
Single private lessons, voice, piano or organ, from....	\$1.50 to 1.75
Piano practice, 2 hours per day, each semester.....	10.00
Piano practice, 1 hour per day, each semester.....	5.00

Organ practice, same as piano, and \$9 extra each semester for electric motor power.

In Harmony, History of Music, Ear Training and other theoretical courses an additional fee is charged where student does not pay college tuition.

General Information

Tuition is payable in advance for each semester, and the student must present a matriculation card from the Registrar's office, showing that the financial arrangements are satisfactory before lessons can be assigned.

Lessons lost will not be made up, except in cases of protracted illness.

The School of Music will observe all national holidays and also the last three days of each semester (final examinations), and no refund will be granted on this account.

Students are required to take part on recital programs when assigned to such work by the instructor, and to be present at all concerts, recitals and lectures.

Students are not allowed to take part in public programs without the consent of the teacher.

Concert Engagements. The members of the Faculty of the School of Music and Oratory may be engaged for concerts or recitals.

For dates, terms, etc., address the School of Music.

THE ACADEMY

(Model High School)

Charles E. Fulton, A.M., Principal

The Academy is designed to meet the needs of those who have not adequate High School facilities at home, and as a preparatory department for the College. Students have the advantage of college life and association. The courses start with the eighth grade as the foundation, and entrance requires evidence of good moral character and honorable dismissal from the last school attended.

SYNOPSIS OF COURSES

In order to complete the Academy course in four years, a student must take twenty hours of work each semester, and this is required under normal conditions. Twenty-one hours per week is permitted for schedule adjustment.

First Year

Required each semester: Bible, 1 hour; English, 5; Algebra, 5; History, 4.

Elective: Science, 5; Latin, 5; Commercial Subjects; Domestic Art and Science.

Second Year

Required, each semester: Bible, 1; English, 5; Plane Geometry, 5;

Elective: Latin, 5; History, 4; Science, 5; Civics, 4; Commercial subjects; Domestic Art and Science.

Third Year

Required, each semester: Bible, 1; English, 5; Algebra, 5; first semester; Physical Education, 1.

Elective: Latin, 5; History, 4; Science, 5; Expression, 2, Commercial subjects; Domestic Art and Science; Pedagogical subjects; Expression; Modern Languages. 5; Civics, 4; Solid Geometry, 4.

Fourth Year

Required, each semester: Bible, 1; English, 5. (See exception below.) Physical Education, 1.

Elective: English, 5; Latin, 5; Science, 5; History, 4; Solid Geometry, 4; Expression, 2; Commercial subjects; Domestic Art and

Science; Pedagogical subjects; Senior Reviews; Expression; Modern Languages, 5.

Requirements for Graduation: Four years of English; two years of foreign language; one year of history; one and one-half years of algebra; one year of plane geometry; eight semester hours of Bible; two semester hours of expression, and two in physical culture. Those preparing for the scientific course in college must take at least two years of science, including chemistry or physics in the Academy. Those taking three or more years of foreign language may omit the fourth year in English. Commercial subjects, Domestic Science, and Advanced Music may also receive credit in the Academy. Adjustments will be made for students entering too late in the course to meet all requirements.

"Diplomas from High Schools doing four years' work granted to graduates who have had psychology, school management and methods of instruction and three senior-review subjects, shall be accredited as second grade elementary certificates."

Students who wish to take the subjects named should include them with their electives as may be directed.

For a complete description of courses, see page 67.

Graduation: A diploma is given upon the completion of fifteen approved units. A unit represents a subject taken five hours a week for one school year of thirty-six weeks. Two laboratory periods are accepted as one credit. The maximum hours permitted, without special faculty action, is twenty-one; the minimum sixteen. One hundred honor points are required for graduation. Graduation forms a regular part of the commencement program.

BIBLE AND RELIGIOUS EDUCATION

These courses are based on the recommendation of the High School Board of North Dakota. The Bible itself is the text book, careful note-book work is required, and thorough work is done. The stress is laid upon the narrative, the problems and the difficulties being for the most part postponed until the College courses are taken up.

1. Use of Bible. Old Testament Narratives. 2 hours

The names and order of the books are considered, the sources and transmission of the Bible are explained, Biblical geography is studied; then the Old Testament narratives are begun.

2. Old Testament Narratives. 2 hours

A continuation of the preceding course.

3. Life of Christ. 2 hours

This is an elementary and general course, which seeks to give a connected and appreciative knowledge of the life of Jesus Christ. Burgess' Life of Christ is used.

4. The Apostolic Period. 2 hours

An elementary course on the founding of Christianity and especially a study of the wonderful personality and work of Paul. Gilbert's Christianity in the Apostolic Age is used.

CIVICS

2. Civil Government. 5 hours

The usual secondary course, meeting state requirements for High School. Abundant aids are provided and the instruction is made very practical.

COMMERCIAL

1-4. Bookkeeping. 5 hours

This subject is covered in four semesters and consists of text-book exercises and recitations, and practice sets. The student does all his work in the schoolroom, being required to work two hours each day without home work or preparation.

13. Business Law. 5 hours

This subject is covered in one semester and consists of a study of contracts, negotiable papers, agency, partnership, corporations, insurance and real and personal property.

18. Economics of Business. 5 hours

This is an elementary course in economic exchange, money and credit, banking, methods of organization of production, etc. Text: Introduction to Economics, Laing.

5-7. Shorthand. 5 hours

This subject is covered in three semesters and consists of a study of the principles of Gregg Shorthand and dictation in the same. No additional credit may be obtained beyond this.

8-9. Typewriting. 5 hours

This subject is covered in two semesters at the end of which a

speed of 40 words a minute must be obtained. No additional credit may be obtained beyond this.

Note: The above Commercial Courses and others are more fully described in the Description of Academic Courses offered by the School of Business.

ENGLISH

1-2. Composition and Literature. 5 hours

The aim of the course is to give drill in the principles of composition, many original themes being written. As in other courses in Academy English, the classic studies are generally those suggested by the outlines for North Dakota high schools.

3-4. 5 hours

More advanced work in composition, based on Clippenger's "Practical Course in English." Study of Classics continued.

5-6. American Literature. 5 hours

The history of American literature is studied, together with representative works from the most important writers.

7-8. English Literature. 5 hours

The work in the history of English literature is based on Long's "English Literature," but greater emphasis is laid on the study of classics.

FRENCH

1-2. Beginner's Course. 5 hours

Fraser and Squair's French Grammar, Part I, will be completed. Talbot, "Le Francais et sa Patrie," will be read in class.

3-4. Second Year's French. 5 hours

Composition work from the grammar once per week. Reading translation and conversation. Text-book, "French Short Stories," Buffum: "Le Voyage de Monsieur Perrichon," Labiche et Martin.

GERMAN

1-2. Grammar. 5 hours

Bacon's "New Grammar" (edition 1916).

Reading of easy texts, such as "Maerchen," "Glueck Auf," "Imensee," and "Im Vaterland." Translation of short stories at sight and hearing. Conversation in German.

3-4. Modern Prose. 3 hours reading, 2 hours composition; 5 hours

Hillern, "Hoehrer als die Kirche"; Storm, "Der Schweigersohn"; Schiller, "Der Neffe als Onkel" and "Wilhelm Tell"; Freytag, "Die Journalisten."

Composition: Allen's "First German Composition" will be used. Dictation, memorizing of German idioms.

HISTORY

1-2. Ancient History. 4 hours

The ancient civilization. Greece and Rome. Maps and papers.

3-4. Mediaeval and Modern Europe. 4 hours

The transition. Topical study of feudalism, crusades, renaissance and later topics.

5-6. English and American History. 4 hours

Text books and lectures. The College method is employed. The course is general in character.

LATIN

1-2. Elementary Latin. 5 hours

Inflections and constructions. Particular stress on verb and noun endings and pronunciation of Latin.

3-4. Caesar. 5 hours

"Gallic War," four books or their equivalent. Prose based on Caesar's text. Careful study of Caesar's life and the important events of his time. Also study of terms and tactics of Roman warfare. Prerequisite—Courses 1 and 2.

5-6. Cicero. 5 hours

Six orations or equivalent. Style and literary value of the orations. Brief study of Cicero's life and works. Prose based on text. Selections from Ovid may be read the later part of the year. Prerequisite—Courses 3 and 4.

7-8. Virgil. 5 hours

Aeneid, six books, and extracts from other books. Scansion, mythology, source of material and reasons for writing the Aeneid. Life of Virgil, and brief study of the "Augustan Age." Prerequisite—Courses 3 and 4.

MATHEMATICS

1-2. Elementary Algebra 5 hours

Algebra through simple quadratic equations.

3. Advanced Algebra. 5 hours

This is a completion of Elementary Algebra. It begins with a review of quadratics and includes the more advanced topics presented in a standard text.

5-6. Plane Geometry. 5 hours

The aim is to introduce the student to the more formal methods of reasoning and by means of original problems to develop originality in process of demonstration.

7. Solid Geometry. 5 hours

The fundamental propositions of solid and spherical Geometry, accompanied by a suitable number of exercises in original problems, the whole to represent the work of one-half year.

SCIENCE

1-2. General Biology. 5 hours

An elementary treatment of biological principles, looked at mainly from the point of view of plant life.

A similar treatment of biological principles, especially as applied to animal life. Equivalent to the usual semester course in zoology. Open to all Academy students.

7-8. Physics. 5 hours

Carhart and Chute's "High School Physics" as text, with laboratory work. Required of scientific Academy students. Open to fourth year students, and third year students if mathematical preparation is sufficient.

SUBJECTS FOR TEACHERS' CERTIFICATES

Students who graduate from the Academy should select from the following group the subjects prescribed by the rules of the State Board of Education, if they wish to have their diplomas indorsed as teachers' elementary certificates. The subjects are listed here and will be placed on the semester programs according to the needs of students. Each subject must be taken as a five-hour subject for a semester. Courses here described correspond to the same courses

in the State High School Manual. See statements on page 63 of this catalog.

1. Psychology. 5 hours

General Psychology treated in an elementary way.

2. Pedagogy and School Management. 5 hours

A course taking up largely rural school pedagogy and management. The course considers elementary school problems from the point of view of experience and by means of a text book. Discussions of the subject matter of the Course of Study.

3. Teachers' Arithmetic. 5 hours

A thorough review of arithmetic after the study of other High School Mathematics. Special attention given to the needs of the teacher and to outline in the High School Manual.

1. Senior Grammar. 5 hours

A course designed especially for those who may teach, applying particularly to the knowledge of English acquired in the High School course. It will follow the outline of the High School Manual.

5. High School Geography. 5 hours

A review of Geography with the needs of the young teacher in mind.

6. Advanced American History.

See history, page 66.

7 Civics. 5 hours

The usual secondary course meeting State requirements. Abundant aids are provided and instruction is made very practical.

SCHOOL OF BUSINESS

Arthur Stuckenbruck, M.C.S., Director

Miss Selina Logan, Assistant

Purpose of the School

The School of Business is affiliated with the College. The students have all the advantages of the College life and association. The design of the School is to give full business and stenographic courses for young men and women who wish preparation for business activity under the inspiration of high ideals and Christian culture.

Advantages

The advantages are many above the usual commercial school, such as the library, student societies and literary organizations, the presence of college men and women, college culture, college athletics, Christian oversight, and the college courses for further study and personal improvement. Expert instruction in Public Speaking, Music, Domestic Science and Arts, and participation in any of the literary departments of the College are available for those who desire it. The School of Music is one of the finest in the State and students of the School of Business will do well to fill in their time with courses in the above departments.

Scope and Arrangement

The School of Business offers courses in three departments of the College:

- (1) School of Business or Business College courses.
- (2) High School or Academic courses.
- (3) College of Commerce courses.

The School of Business courses consist mainly of a one-year course in Accounting-Stenographic subjects consisting of Shorthand, Typewriting, Bookkeeping, Commercial Arithmetic, Office Training, and Penmanship and Spelling. English is studied with the Academy or College classes. These courses are open to any one who has completed eighth grade studies.

The High School courses are offered to the students of the Academy of Jamestown College, and consist of three semesters of Bookkeeping, three of Shorthand, two of Typewriting, and one of Business Law, and one in Economics of Business. These courses are given only with the approval of the Principal of the Academy,

and the number of hours permitted to count toward graduation is limited.

The commerce courses are offered to students of the College in connection with and under the control of the head of the Department of Social Sciences where kindred courses in Economics may be obtained. The Commerce courses consist of Accounting, Banking, Business Law, Business Finance, Industrial Organization, and Marketing.

OUTLINE OF COURSES OFFERED

In the School of Business

The Accounting-Stenographic Course

One-Year Course. This course is designed for those students who cannot afford to take the longer courses but desire to enter offices as bookkeepers or stenographers. Such students are given a certificate upon satisfactorily completing the following suggested courses:

First Semester

Shorthand Theory 5
Typewriting 5
Bookkeeping or Accounting 5
Commercial Law 5
Bible 2

Second Semester

Shorthand Speed Studies 5
Typewriting 5
Bookkeeping or Accounting 5
Shorthand Dictation 3
Office Training, 2

Secretarial or Stenographic Course

One-Year Course. This course is designed for those who wish to become proficient in Shorthand and Typewriting for stenographic positions only.

First Semester

Shorthand Theory 5
Typewriting 5
Bookkeeping 5
English 5
Penmanship and Spelling
Bible 2

Second Semester

Shorthand Speed Studies 5
Typewriting 5
Bookkeeping or
Commercial Law 5
Shorthand Dictation 3
Office Training 2

In the Academy

As mentioned in connection with the description of the courses given in the Academy of Jamestown College, the student may elect commercial subjects. If a student has had commercial courses in his home High School, he may continue the same here, though no further credit in Typewriting may be given for more than the entrance credits unless less than one year or 10 hours are presented,

and no further credit in Shorthand may be given for more than the entrance credits unless less than one year and a half or 15 hours are presented. It is suggested that the Typewriting be taken the second year in the Academy, Shorthand the third year, and Bookkeeping the fourth year, so that in case the student wishes to take Accounting the next year as Freshman in College, he will be allowed to work the third semester of Bookkeeping as a part of his Accounting laboratory exercises.

Suggested Course of Commercial Electives

Second Year

First Semester

Typewriting 5

Second Semester

Typewriting 5

Third Year

Shorthand 5

Shorthand 5

Business Law 5

Fourth Year

Bookkeeping 5

Bookkeeping 5

Economics of Business 5

In the College

These courses are intended for those students who may wish to pursue courses which are usually given in the Colleges of Commerce, or for those who intend securing a "Special Certificate," in order to be permitted to teach the commercial subjects in the high schools of this State. Those students wishing to take Commerce courses may select the Accounting Courses of their choice, while those interested in securing a "Special Certificate" may select the same courses in accordance with the rules as established by the State Department of Education as explained under "Special Certificates" on page 51. It is suggested that those intending to teach take one year of Bookkeeping before taking up Accounting.

FRESHMAN YEAR

First Semester

Accounting 1..... 5
 Accounting 3..... 5
 Business Law 5
 Banking 5

Second Semester

Accounting 2..... 5
 Accounting 4..... 5
 Marketing 5
 Business Finance 5

Description of Courses

20-21. Accounting.

5 hours

This is a course designed for mature students who desire to get

Bookkeeping and at the same time the accounting principles which form its foundation. It deals with the theory and application of debit and credit, treatment of inventories and accruals, classification of accounts, changing from single to double entry, and opening and closing of partnership and corporation books. Text: Accounting Theory and Practice, Kester, Volume I.

22-23. Accounting.

5 hours

This course is for those students who have had one year or more of Bookkeeping. It deals with the more difficult accounting problems of corporation such as the purpose of account classification, voucher systems, distinction between capital and revenue expenditures, depreciation, branch store accounting, preparation and interpretation of balance sheets, and profit and loss statements. The Federal Income Tax is studied in both accounting courses. Text: Accounting Theory and Practice, Kester, Volume II.

16. Banking.

5 hours

The purpose of this course is to furnish a knowledge of banking technique and makes use of a text book and a set of banking procedure. It is to enable the student to get an administrative point of view together with an understanding of banking operations. It is also a study of the origin, use, and history of money; the history and functions of banks, and the use of credit in the business world. It is closed with a detailed study of national and state banks, and the Federal Reserve System. This course is for those students who have had one or more years of bookkeeping. Three recitations; two laboratory periods. Text: American Banking Practice, Kniffin. Set: 20th Century Banking.

1-2. Bookkeeping.

5 hours

These courses consist of work on sets in simple principles of Bookkeeping. The student is given numerous drills in Journalizing before taking up the Cash Book, Sales Book and the Purchases Book. The sets illustrate the Special-column Cash Book, simple Operating Expense accounts, and Controlling accounts for an individual proprietor and a partnership.

3-4. Bookkeeping.

5 hours

These courses consist of sets dealing with bookkeeping for corporations and illustrate controlling and manufacturing accounts, columnar journals, Petty Cash or the Imprest Fund, and the opening and closing of the books and ledgers. A banking set may be worked the second semester instead of a cost or manufacturing set.

The 20th Century Bookkeeping Text and Sets are used throughout.

24. Business Finance.

5 hours

This course deals with the principles of financing a single proprietorship, a partnership and a corporation and explaining the methods governing the raising of owned capital, borrowed capital, investment of capital, dividends, different kinds of securities, and problems connected with the determination of the Net Income. Text: Business Finance, Lough.

13-14. Business Law.

5 hours

This subject includes the study of the fundamental principles of contracts, negotiable papers, agency, bailments, partnerships, corporations, deeds, insurance, real and personal property, etc. Course 14 covers the same topics as in Business Law 13 but a college text book is used which is supplemented by a library of legal reference books, the State Code and the Session Laws. Text: Business Law, Conyngton and Bergh.

12. Business Mathematics.

5 hours

This course covers those calculations required in connection with Accounting such as sales and profits statistics, payrolls, depreciation, interest, insurance, exchange, taxes, and practical measurements and estimates for contracts. It is suitable only for students in the last year of high school. Text: Business Mathematics, Edgerton.

11. Commercial Arithmetic.

5 hours

In this course special attention is given to interest, bank discount, percentage, and partial payments. A part of the course deals with rapid calculation and a special text is used for that purpose. This course is for students who have finished no more than eighth grade studies. Text: Commercial Arithmetic, Moore and Miner.

18. Economics of Business.

5 hours

This is a brief course in the principles of economics exchange, the methods of distribution, an analysis of supply and demand, the forms of organization of industry, and banking and credit in relation to business.

19. Industrial Organization.

5 hours

This course covers the forms of organization of industries, including the single proprietor, the partnership, the limited partnership, and the corporation. The advantages and disadvantages of each, how organized, managed, and dissolved, stockholders rights, direct-

ors duties, etc. Text: Principles of Industrial Organization, Kimball.

25. Marketing. 5 hours

This course discusses fully the distributive system, consumer influences, expenses of retailing, the training and wages of salespeople, location and rent, department stores, chain stores, and mail-order houses, and gives a thorough course in the economics of retailing. Text: The Economics of Retailing, Nystrom.

10. Office Training. 2 hours

The latest model of A. B. Dick Rotary Mimeograph, a filing cabinet, and a Dictaphone are great aids in this course for learning the operation of modern office equipment and methods of filing letters. Text: Office Training for Stenographers, SoRelle.

5-6-7. Shorthand. 5 hours

The Gregg Shorthand system is taught. The Gregg Manual is completed the first semester, the Gregg Speed Studies is used the second semester, and the Expert Advance practice is used the third semester. The Gregg Writer is used as supplementary material during the entire time. A speed of 100 or more words a minute is easily reached by the end of the third semester.

8-9. Typewriting. 5 hours

The touch system of Typewriting is taught and the ability to handle the keys of the typewriter without looking at the keyboard is insisted upon from the very beginning.

Typewriting Note. A speed of 80 words a minute is obtained by some and 50 words by most students at the end of the year. Two periods a day of school work are required for five hours' credit, one period a day being under direct supervision of the teacher.

Special Teacher's Certificate

For all requirements for a state certificate in commercial subjects, including semester hours in each course, look under the proper heading in the Department of Education.

Graduation Requirements

English is required of all students who are not high school graduates. In addition to the above required studies as given in the Outline of Courses, the following speeds are required for graduation from all courses and are subject to change without notice.

Words per Minute
Typewriting speed on new matter..... 40

Shorthand speed on new matter..... 80
Shorthand speed on business letters..... 100
Typewriting speed on shorthand notes..... 25

Fees and Diplomas

The general charge for a complete course is \$30 a semester of eighteen weeks; \$3.50 is charged each semester for typewriter for practice work; and \$10 incidental fee. Diplomas are given upon the completion of any course selected by the student. The fee for the Diploma is \$3.50, and the graduation takes place at the regular time of graduation from other departments of the College. The tuition and fees must be paid in advance each semester, and the same rules as to scholarship and government apply as in the College.

DOMESTIC SCIENCE

Complete courses in Home Economics are offered, with the best and latest facilities.

A diploma is granted to a person who has completed the prescribed courses in Domestic Science, as arranged below. A prerequisite to the diploma courses is a diploma from an accredited High School or Academy.

Persons taking the regular Literary and Arts courses for the degrees of B. A. and B. S. can, upon application to the Faculty, arrange to take Domestic Science and Arts courses with a view of credit in their junior and senior years.

SYNOPSIS OF COURSES

First Year

First Semester	Second Semester
Physiology and Pedagogy	Food Study
English	Physiology and Home Nursing
Chemistry	Chemistry
Sewing 1	English
Junior Cookery 1	Mechanical Drawing
	Sewing 2
	Junior Cookery 2

Second Year

Dietetics	Bacteriology
Household Management	Advanced Cookery 2
Advanced Cookery 1	Millinery and Art Needlework
Chemistry	Textiles
Dressmaking	Organization of Home Economics
Physical Culture	Physical Culture

Special Teacher's Certificate in Domestic Science

For description of all requirements for a state certificate in Domestic Science subjects, with number of hours in all courses, look under the proper heading in the Department of Education, page 52.

DESCRIPTION OF COURSES

Domestic Science

1-2. Elementary Cookery. 4 hours

Study of value, character, use, preparation, and cost of food materials. Scientific principles underlying food preparation and practical application.

3-4. Advanced Cookery.**4 hours**

This gives practice in selection and marketing of food, making menus and serving meals. The work includes food preservation, preparation, study of meals, of table service, and giving of demonstrations.

5. Dietetics.**3 hours**

This course includes the composition, digestion, metabolism and fuel value of foods, diet as influenced by age, sex and occupation; dietary standards, making of dietaries and service of meals.

6. Food Study.**2 hours**

A study of composition, structure, nutritive ratio, digestibility, cost and place of diet in all foods, also of chemical and physical changes which take place in foods during cooking, and effect of various temperatures on digestibility and food value of various foods.

7. Home Nursing.**2 hours**

This subject involves the practical treatment of simple ailments of the human body—methods of handling emergencies that occur in school, home or elsewhere. Short course in invalid cookery included.

8. Household Management.**2 hours**

This course includes organization, furnishing and care of the house, household accounts, chemistry of cleaning metals, woods and fabrics, use of disinfectants; study of household pests and care of foods and supplies.

DOMESTIC ART**1. Sewing.****2 hours**

This course embodies the fundamentals of sewing and their application. Includes the various stitches—basting, running, stitching, combination, gathering, overcasting, hemming, making of button-holes, seams. French and felled, plain and faced hems, and the making of models illustrative of the various phases of the work.

2. Sewing.**2 hours**

This course includes the making of simple garments, such as underwear, aprons and plain waists by both hand and machine sewing.

3. Dressmaking.**3 hours**

Designing, making, trimming and decorating of fall and spring

suits, and various methods of trimming and finishing garments.

5 Art Needle Work.

1 hour

This course is designed to furnish instruction in crocheting, knitting, applique, ornamental darning, padding, scalloping, French embroidery, cross stitch, Swedish weaving, hemstitching, drawn work, eyelets, initials, cut work.

4. Millinery.

2 hours

Designing, making, trimming and decorating of fall and spring hats, to develop skill, originality and economy in utilizing of materials by renovating and tinting; the making of flowers, ornaments and other trimmings.

6. Textiles.

2 hours

Study of history, production, spinning, weaving, dyeing processes and characteristics and laboratory tests of the four fibres.

9. Organization of Home Economics.

2 hours

Study of aims and methods of teaching Domestic Science and Domestic Art; a study of equipment and supplies; lesson plans and courses are made; observation and practice teaching are required.

The required courses in Physiology, English, Chemistry, Mechanical Drawing, Bacteriology and Psychology are given in the different departments of the College where a full description may be found.

Students regularly enrolled in the College or Academy, electing courses in this department obtain free instruction. The fee for all other students is the regular tuition of the College. Material fee of \$2 a semester is charged.

SUMMER SCHOOL

The Summer School is one of the recognized divisions of the scholastic year at the College. The first summer session was held in June and July of 1912. While there is naturally some change in the character of the work of a summer term as compared with that of the usual nine academic months, it is only such as follows from the needs of the students in attendance. During the summer term instruction is offered by members of the regular College Faculty. Attention is called to opportunities offered to three classes of students: (1) Teachers who desire to make good use of the summer vacation in study under college teachers. (2) Students or prospective students, who have some courses to complete to be regular in their academic work. (3) Other persons who at this time of the year would like to carry some chosen study and mingle with students. The following are some of the principal subjects in which courses are offered, but other courses will be given where the demand warrants doing so:

Astronomy, Algebra, Biblical subjects, Biology, Chemistry, English Literature, Expression, French, Geology, Geometry, German, History, Latin, Surveying, Social Sciences, Trigonometry.

Normal review courses in the branches required of teachers in common schools, including Civics, Music, Nature Study, Pedagogy, Psychology.

Commercial courses, including Bookkeeping, Shorthand, Typewriting, Arithmetic, Correspondence.

Courses in the School of Music.

Courses in the School of Religious Education.

The 1922 Summer School Begins June 15 and continues to August 5, 1922—eight weeks

Complete tuition for the term of six weeks.....	\$16.00
Board, per week.....	4.75
Room, per week.....	1.25

For rates in music courses, see School of Music.

Jamestown College has conformed to the requirement of Section 1366 of the School Laws of North Dakota, so that a degree from the College with the prescribed courses in education entitles the holder to a state professional certificate. Correspondence as to courses of study and all other matters pertaining to the Summer School should be addressed to

WILLIAM B. THOMAS,
Registrar, Jamestown College.

SCHOLARSHIPS AND PRIZES

A large number of scholarships are held by the College, which will yield the student receiving them \$50 each per year. These are awarded to Honor Students of High Schools.

All recipients of scholarships are required to take active part in the various student organizations.

Loans are made to deserving students from the Student Loan Fund. The conditions can be obtained by addressing the President of the College.

A scholarship of \$1,000 has been established through the benefaction of John H. Converse, Philadelphia. This will be given from time to time, as the income is received, to worthy young men studying for the ministry.

A scholarship of \$1,000 has been established by E. P. Wells, Minneapolis, in memory of his father, Milton Wells, to be known as the "Milton Wells Scholarship Fund."

A scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, Mandan, North Dakota, in memory of her parents, Thomas and Barbara Green, to be known as "The Thomas and Barbara Green Memorial Endowment Scholarship." The income is to be given each year to a student for the ministry who is at least in his sophomore year in college.

A second scholarship of \$1,000 has been established by Mrs. Eva J. G. McCurdy, to be known as "The Frederick L. Green Scholarship Endowment Fund," for like purposes.

A scholarship of \$1,000 has been established by Mrs. Nettie F. McCormick, Chicago, Ill. The income is to be used to aid deserving students.

A scholarship of \$1,000 has been established by Rev. J. C. Ely, D.D., Oakland, Md. The income is to be used for deserving students.

A scholarship of \$1,000 has been established, known as the "L. G. Crowell Memorial Scholarship," by his daughters, Mrs. A. Ueland, Mrs. Aylus and Mrs. Emily Lee.

A scholarship of \$1,000 has been established by Rev. James P. Schell in memory of his wife.

Scholarships to the amount of \$2,500 have been founded by Mrs. John S. Watson to be known as "The John S. Watson Memorial Scholarships."

Rev. W. O. Forbes, Portland, Oregon, has founded "The Forbes Memorial Prize in Rhetoric," in memory of his deceased daughter, Edith Emily, and his wife. The amount available each year is \$25, to be given to the best student in Rhetoric in the Freshman Class of the College.

Judge J. A. Coffey of Jamestown, North Dakota, has founded "The J. A. Coffey Oratorical Prize in Expression," to be awarded each year for the best oration delivered under the Department of Expression, open to all men students. The prize is \$35 in gold and \$15 in a gold medal—total \$50.

"The Orlady Oratorical Prize" was founded by Mr. Ben Orlady of Jamestown, North Dakota, to be awarded each year for the best oration delivered under the Department of Expression, and is open to all girl students, \$50.

"The C. S. Buck Oratorical Prize" was founded by Mr. C. S. Buck of Jamestown, North Dakota, to be awarded each year for the second best oration delivered under the Department of Expression and is open to all young lady students, \$50.

Mrs. M. A. Danenhower of Brooklyn, N. Y., has established two prizes in Department of Religious Education; value, \$20 and \$10, beginning in 1921-1922.

ROLL OF STUDENTS

Senior

Benjamin, Maude Miriam.....	LaMoure
Brown, Frank Hamblin.....	Rolla
Brown, Gordon Dwight.....	Monango
Crawford, Paul W.....	Golden, Colo.
Fahl, Caryl Leone.....	Buffalo
Fairweather, Euphemia C.....	Bottineau
Grettenberg, Max J.....	Jamestown
Hutchings, Eunice.....	Sheldon
Kolberg, Oscar William.....	Pettibone
Meier, Carl Henry.....	Kintyre
Murdoch, James Depew.....	Wimbledon
Murray, Mary Grace.....	Bismarck
McIntosh, Elva.....	Bottineau
Perry, Corinna Edith.....	Jamestown
Perry Ralph Waldo.....	Nekoma
Robertson, Irene.....	Willow City
Runner, Aline Mary.....	Cleveland
Warne, Laura I.....	Norwich
Westley, William Morris.....	Hannaford
Zimmerman, Esther Theresa.....	Casselton

Junior

Blood, Luella Jane.....	Jamestown
Boyd, Lillian Vera.....	Langdon
Bryant, John Edmond.....	Page
Burr, Mary Margaretta.....	Rugby
Cheadle, Lois Marguerite.....	Odessa, Minn.
Colvin, Ada Lucile.....	Erie
Cummins, Lois Catherine.....	Casselton
DeNault, Helen Robertson.....	Jamestown
Dittmer, Florence Helen.....	Casselton
Fladeland, Sina.....	Reynolds
Hafey, John Edward.....	Edgeley
Hansen, Loren Clevenger.....	Jamestown
Hastings, Amy E.....	Pingree
Herzberg, Ira Elmer.....	Lisbon
Hood, Marguerite Vivian.....	Souris
Johnson, Margaret Jeanette.....	Douglas

Johnstone, Erwin W.....	Bisbee
Joos, Janet More.....	Jamestown
Moffett, Helen Luella.....	Courtenay
MacInnes, Margaret.....	Naches, Wash.
McIntosh, Elysabeth.....	Bottineau
Peterson, Audrey Blanche.....	Coleraine, Minn.
Peterson, Isa Jane.....	Cando
Ramer, Naomi Marie.....	Jamestown
Reed, Florence Marion.....	Fargo
Register, George Scott.....	Bismarck
Sherman, Erma Amanda.....	Jamestown
Skutle, Vivian Clara.....	Nekoma
Smith, Irene Laura.....	Sheyenne
Strutz, Reuben Robert.....	Jamestown
Vellenga, Peter.....	Tappen
Watt, Agnes Mary.....	Leonard
Watt, Margaret Bruce.....	Leonard
Wells, Kenneth Elmer.....	Excelsior, Minn.
Wilson, Bertha Katherine.....	Jamestown
Zimmerman, Ruth Pearl.....	Casselton

Sophomore

Atchison, Gladys Leona.....	Hannah
Brainard, Ethel M.....	Souris
Brignall, Winnifred Annie.....	Hannah
Brown, Fred Lowell.....	Monango
Buck, Lucy Elizabeth.....	Jamestown
Colvin, Anna Christine.....	Erie
Cruttenden, Lila Rachael.....	Inkster
Cummins, Grace Caroline.....	Casselton
Cuthill, Inez.....	Sheldon
Dale, Alice Marie.....	Bismarck
Eckberg, Victor C.....	Bottineau
Fairweather, Margaret Elizabeth.....	Souris
Fahl Byron Elwood.....	Buffalo
Feton, Harold A.....	Jamestown
Fulton, Willard Good.....	Jamestown
Hayes, Dorothy D.....	Jamestown
Hayford, Violet Alice.....	Casselton
Hewitt, Evangeline Marie.....	Hillsboro
Hewitt, William Roy.....	Hillsboro
Johnson, Clarence Arnold.....	Spiritwood
Joos, Vernon Hohman.....	Jamestown

Knauf, Miriam Frances.....	Jamestown
Knauss, Ralph.....	Hannaford
Miller, Joseph Harold.....	Cando
McAllister, Catherine.....	Braddock
McLeod, Bartlet.....	Amenia
Rathman, Omer Charles.....	Jamestown
Rognas, Minerva Alma.....	Devils Lake
Schnell, Ethel Henrietta.....	Edgeley
Sharp, William Ernest.....	Jamestown
Sloan, Evelyn Charlotte.....	Juanita
Smith, Byron Wesley.....	Leal
Stewart, Harry Watson.....	Nekoma
Tordoff, Reefa Glenn.....	Jamestown
Torkelson, Dorothy Serena.....	Bowman
Wiley, Vera Marie.....	Jamestown
Wilson, Wilmer G.....	Jamestown
Witt, Silas S.....	Jamestown

Freshmen

Barr, Donald Everett.....	Devils Lake
Bensch, George H.....	Jamestown
Bernard, Kenneth Henry.....	Pettibone
Bouer, John Maurice.....	Courtenay
Cates, Norma Lucille.....	Park River
Coomb, Winifred Audrey.....	Drayton
Cope, Ernest Laverne.....	Rugby
Corell, Edgar Louis.....	Jamestown
Cross, Edna Jane.....	Fessenden
Day, Flora Blanche.....	Jamestown
Frey, Frances M.....	Jamestown
Fulton, Margaret Vail.....	Kenmare
George, Robert.....	Knowlton, Mont.
Graves, Harold.....	Jamestown
Groom, Emily Margaret.....	Langdon
Grube, Anna Matilda.....	Towner
Hamer, Elsie Mae.....	Cleveland
Hamilton, Alison Isabel.....	Bathgate
Hamre, Ivy Mae.....	Rugby
Hart, Myron Andrew.....	Cleveland
Huber, Louise Leon.....	Bismarck
Jacobson, Sylvan J.....	Jamestown
Jerdee, Mamie E.....	Enderlin
Knauf, Donald.....	Jamestown

Legler, Melchior Vinten.....	Jamestown
Legler, Velma S.....	Jamestown
Leslie, Christine M.....	Antler
Lindgren, Esther A.....	Jamestown
Livesay, Ruby M.....	Jamestown
Mantz, Esther Elizabeth.....	Anamoose
Matthews, Glen I.....	Steele
Murphy, Clifford James.....	Jamestown
Murphy, Sigurd Edward.....	Jamestown
McCarroll, Marshall	Hysham, Mont.
MacInnes, Nina	Naches, Wash.
Nelson, Mildred Evangeline.....	Hillsboro
Paul, Alma S. N.....	Fessenden
Peterson, Rudolph.....	Edgeley
Prill, Helen Irene.....	Medina
Procter, Anna Elizabeth.....	Jamestown
Rees, Trula Agnes.....	Dayton, Ohio
Ringuette, Lawrence Henry.....	Jamestown
Ringuette, Raymond Leonard.....	Jamestown
Robertson, Harley	Willow City
Rothlisberger, Nellie M.....	Willow City
Schroeder, Hazel Gladys.....	Erie
Seekins, Wm. A.....	Jamestown
Sheets, Harold L.....	Jamestown
Skeem, Eleanore Rebecca.....	Flaxton
Skutle, Cordelia Martha.....	Nekoma
Steffen, Warren Nelson.....	Wimbleton
Stoddart, Gladys Luella.....	Jamestown
Strutz, Alvin C.....	Jamestown
Taylor, Stewart David.....	Jamestown
Tracy, Margaret Mary.....	Jamestown
Wagar, Evelyn Z.....	Forest River
Wanner, Daniel Milton.....	Jamestown
Wescom, Lewis	Jamestown
Wold, Marion Josephine.....	Langdon
Woodward, Lynn Edward.....	Jamestown
Worley, Brice Lee.....	Pettibone
Worlitz, Daniel	Anamoose
Yeramian, Arshalouis.....	New York City
Yoder, Mary Edna.....	Wolford
Zuber, Edna Ruth.....	Fessenden
Zuber, Esther Mae.....	Fessenden

Special

Kuhlmann, Maurice Charles.....	St. Paul, Minn.
Logan, Selina Marietta.....	Spokane, Wash.
Neubeiser, Gertrude Agnes.....	Belle Plaine, Minn.
Perry, Mary Elizabeth.....	Jamestown
Peterson, Grace Irene.....	Litchville
Ringgenberg, Mrs. G. C.....	Jamestown
Sharp, Ethel	Jamestown

SUMMER SCHOOL, 1924

Alswager, Hazel	Courtenay
Alswager, Lovell	Courtenay
Armstrong, Mary Ellen.....	Hannaford
Beach, Ruth Dacotah.....	Jamestown
Benjamin, Maud	LaMoure
Bonner, Leta Mae.....	Jamestown
Burr, Alexander Carothers.....	Rugby
Burr, Mary Margaretta.....	Rugby
Cheadle, Lois Marguerite.....	Odessa, Minn.
Cruttenden, Lila	Inkster
Cruttenden, Z. May.....	Inkster
Daniels, Gertrude	Valley City
Day, Mrs. Flora.....	Jamestown
Ell, Clara	Jamestown
Fairweather, Euphemia C.....	Bottineau
Farley, Sybil Vernard.....	Jamestown
Geringer, Irene Theresa.....	Tappen
Geringer, Lulu Anna.....	Tappen
Graham, Anna	Jamestown
Hagerman, Frank L.....	Jamestown
Hamre, Mabel Constance.....	Rugby
Hansen, Donald	Jamestown
Hempstead, Alice	Jamestown
Jansick, Josephine M.....	Silver Lake, Minn.
Jennings, Lillian	Cleveland
Johansson, Hugo	Jamestown
Johnson, Bessie	Jamestown
Johnson, Margaret	Douglas
Kavanaugh, Agnes	Vashti
Keller, Lydia Anna.....	Mercer
Langenes, Da'sy Maline.....	Jamestown
Langenes, John D.....	Jamestown
Lawrence, William J.....	Jamestown
Liebe, Elsie Emily.....	Jamestown

Link, Myrtle Jane.....	Wishek
McCaul, Lynn K.....	Ayr
McDowell, Florence Myrtle.....	Marion
McKnight, George E.....	Jamestown
Meier, Ernest W.....	Kintyre
Meier, Esther Alvina.....	Kintyre
Meier, G. Fred.....	Kintyre
Miller, Alice	Buchanan
Murdoch, James Depew.....	Wimbledon
Murphy, Eunice Margaret.....	Jamestown
Murray, Mary Grace.....	Bismarck
Nelson, Margery	Buchanan
Nichols, Marguerite	Medina
Peterson, Audrey	Coleraine, Minn.
Pettet, Mabel L.....	Courtenay
Piercy, Louise	Jamestown
Pogue, Richard E.....	Jamestown
Porter, Fanny	Jamestown
Roberts, Jane R.....	LaMoure
Robertson, Irene	Willow City
Robertson, Marie	Willow City
Roedel, Edwin	Jamestown
Runner, Aline	Cleveland
Sachow, Irene	Cleveland
Sherman, Erma	Jamestown
Skutle, Vivian	Nekoma
Smirl, Edith M.....	Mercer
Stoddart, Bernice Elouise.....	Jamestown
Stutsman, Jean Elizabeth.....	Mandan
Thompson, Elien	Woodworth
Titzell, Frank C., Jr.....	Jamestown
Wells, Kenneth E.....	Excelsior, Minn.
Wilson, Wilmer G.....	Jamestown
Wright, Louise A.....	Ypsilanti
Yeramian, Arshalouis	New York City
Zalomsky, Katherine D.....	Jamestown

Music

Aker, Iris W.....	Baker
Atchison, Gladys Leona.....	Hannah
Atwood, Ethel	Jamestown
Baker, Doris	Jamestown
Bennett, Deborah	Jamestown
Blood, Luella Jane.....	Jamestown

Bauer, John Maurice.....	Courtenay
Boyd, Vera Lillian.....	Langdon
Brignall, Winnifred Annie.....	Hannah
Buck, Lucy Elizabeth.....	Jamestown
Christopherson, Claris Marion.....	Jamestown
Colvin, Christine	Erie
Colvin, Lucile	Erie
Cootey, Laura M.....	Jamestown
Cummins, Grace Caroline.....	Casselton
Cummins, Lois Catherine.....	Casselton
Dittmer, Florence Helen.....	Casselton
Fahl, Byron Elwood.....	Buffalo
Fahl, Caryl	Buffalo
Fairweather, Margaret Elizabeth.....	Souris
Fetcher, Ella	Jamestown
Fried, Margaret E.....	Jamestown
Fulton, Margaret Vail.....	Kenmare
Grande, Mrs. Sigurd.....	Jamestown
Hafey, John Edward.....	Edgeley
Hamilton, Alison Isabel.....	Bathgate
Hammer, Hilda	Jamestown
Hayford, Violet Alice.....	Casselton
Hein, Mildred Lucille.....	Jamestown
Held, Alice Marie.....	Berlin
Herzberg, Ira Elmer.....	Lisbon
Hewitt, Evangeline Marie.....	Hillsboro
Holbrook, Donald David.....	Rugby
Hommer, Hilda	Jamestown
Hood, Marguerite Vivian.....	Souris
Jackson, Mrs. Marion.....	Jamestown
Johnson, Clarence Arnold.....	Spiritwood
Johnson, Ethel	Gwinner
Johnson, Margaret Jeanette.....	Douglas
Knauf, Donald	Jamestown
Knauf, Miriam	Jamestown
Kroeze, Mrs. B. H.....	Jamestown
Kuhlman, Maurice	St. Paul, Minn.
Lee, Lillian M.....	Jamestown
Logan, Selina	Spokane, Wash.
Miller, J. Harold.....	Cando
McAllister, Catherine.....	Braddock
McCosh, Frances Elizabeth.....	Ayr
McGee, Jeanette	Eldridge
MacInnes, Margaret	Naches, Wash.

Nelson, Mildred Evangeline	Hillsboro
Neubeiser, Gertrude Agnes.....	Belle Plaine, Minn.
Nolte, Fern Harrison.....	Jamestown
Orlady, Lewis	Jamestown
Orlady, Mrs. B.....	Jamestown
Paul, Alma S. N.....	Fessenden
Peterson, Grace Irene.....	Litchville
Quam, Mildred	Jamestown
Reed, Florence Marion.....	Fargo
Reynolds, Fern	Jamestown
Ross, Mrs. Daisy.....	Jamestown
Runner, Aline Mary.....	Cleveland
Runyan, Fern	Cleveland
Ruud, Ollie	Jamestown
Ruud, W. R.	Jamestown
Sachow, Irene Mildred.....	Cleveland
Schnell, Ethel Henrietta.....	Edgeley
Schroeder, Hazel Gladys.....	Erie
Sederholm, Emelyn	Jamestown
Skutle, Vivian Clara.....	Nekoma
Smith, Irene Laura.....	Sheyenne
Stanley, Enid Lucile.....	Jamestown
Strutz, Rose Emelia.....	Jamestown
Tordoff, Reefa Glenn	Jamestown
Torkelson, Dorothy Serena.....	Bowman
Vellenga, Peter	Tappen
Warne, Laura I.	Norwich
Westley, William Morris.....	Hannaford
Widman, Dorothy Ursula.....	Goldwin
Wilson, David	Jamestown
Zimmerman, Esther Theresa.....	Casselton
Zimmerman, Ruth Pearl.....	Casselton
Zuber, Edna Ruth.....	Fessenden

Commercial

Barr, Donald Everett.....	Devils Lake
Bensch, George H.....	Jamestown
Bristol, Charles Richard.....	Clifford
Bristol, K. Ruth.....	Clifford
Cates, Norma Lucille.....	Park River
Cooper, Robert Leal.....	Cleveland
Corell, Edgar Louis.....	Jamestown
Frey, Frances M.....	Jamestown
Gillespie, Ruth Vivian.....	Jamestown

Gillespie, Virginia Frances.....	Jamestown
Graves, Harold	Jamestown
Hall, George Wm.....	Buchanan
Hamer, Elsie M.....	Cleveland
Howe, Alma	Clements ville
Huber, Louise Leon.....	Bismarck
Huffman, Alberta D.....	Sykeston
Knauf, Donald	Jamestown
Langenes, Daisy Maline.....	Jamestown
Legler, Melchoir Vinten.....	Jamestown
Legler, Velma	Jamestown
Murphy, Clifford James.....	Jamestown
McCaul, Marven D.....	Ayr
McCaul, Norman Dale.....	Ayr
McCaul, Wayne Allen.....	Avr
McCosh, Frances Elizabeth.....	Avr
Prodzinski, Stanley G.....	Pingree
Rees, Trula Agnes.....	Davton, Ohio
Robinson, Vera Isabelle.....	Shields
Rothlisberger, Nellie M.....	Willow City
Runyan, Fern	Pettibone
Sachow, Irene Mildred.....	Cleveland
Savey, Herbert	Jamestown
Seekins, Wm. A.....	Jamestown
Sorenson, Paul N.....	Jamestown
Taylor, Stewart David.....	Jamestown
Wescom, Lewis	Jamestown
.....
.....

ACADEMY
Fourth Year

Ackerman, Harold Le Roy.....	Jamestown
Aker, Iris W.....	Baker
Beattie, Peter William.....	Ayr
Buck, Louise Ernecia.....	Starkweather
Holbrook, Donald David.....	Rugby
Howe, Alma	Clements ville
Johnson, Ethel	Gwinner
MacBain, Merle Alexander.....	Bottineau
McCaul, Norman Dale.....	Ayr
Runyan, Fern	Pettibone
Sachow, Irene Mildred.....	Cleveland

Third Year

Bristol, K. Ruth.....	Clifford
Joos, Irvin Christian	Pingree
Kroeze, Robert Gray.....	Jamestown
Langenes, John D.....	Jamestown
McCaul, Marven D.....	Ayr
McCaul, Wayne Allen.....	Ayr
McCosh, Frances Elizabeth.....	Ayr
Robinson, Vera Isabelle.....	Shields
Sorenson, Paul N.....	Jamestown
Wilson, David W.....	Buchanan

Second Year

Bristol, Charles Richard.....	Clifford
Ellsworth, Ronald S.....	Jamestown
Hall, George Wilham.....	Buchanan
Huffman, Alberta D.....	Sykeston
Joos, Viola Carolina.....	Pingree
Langenes, Daisy Maline.....	Jamestown
McCosh, Jessie Arleen.....	Ayr
McGee, Bernice Jeanette.....	Eldridge
Sahl, Willard Alvin.....	Jamestown
Savey, Herbert	Jamestown
Widman, Dorothy Ursula.....	Goldwin

First Year

Cooper, Robert Leal.....	Cleveland
Heimer, Emanuel Karl.....	Jamestown
Held, Alice Marie.....	Berlin
Held, Fred William.....	Berlin
Prodzinski, Stanley G.....	Pingree

General Summary

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Total	430
Names counted more than once.....	149
Net total	281

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THE FACULTY HOUSE



SANFORD DORMITORY



BOATING



SANFORD DORMITORY VIEWS

- 1 The Building
- 2 Reception Room
- 3 Dining Hall
- 4 Stair Case
- 5 Open Parlor
- 6 Laundry
- 7 Girl's Single Room
- 8 The Entrance
- 9 Girls' Double Room
- 10 Studio
- 11 The Office of Preceptress



MEN'S DORMITORY



CENTRAL HEATING PLANT



THE FACULTY HOUSE



THE LIBRARY HALL

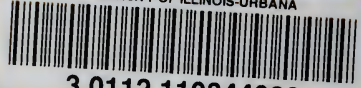


THE LONG WALK



SANFORD DORMITORY

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