

1915

# Bridgewater College Catalogue, Session 1915-16

Bridgewater College

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# Bridgewater College

## Bulletin



Vol. 5

APRIL, 1916

No. 6

(New Series)

## CATALOGUE

### 1915-16

Published Bi-Monthly by  
**BRIDGEWATER COLLEGE**  
BRIDGEWATER, VA.

Entered as Second-Class Matter, July 17, 1914, at the Post-  
Office at Bridgewater, Virginia, Under the  
Act of August 24, 1912.

# **Bridgewater College**

**Bridgewater, Virginia**

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*Owned and controlled by Five State Districts of  
the Church of the Brethren in Virginia  
and West Virginia*

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CATALOGUE OF  
**THIRTY-SIXTH SESSION**  
1915-16

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ANNOUNCEMENTS FOR  
1916-17

# Calendar

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1916

First Term begins Tuesday, September 5th.  
First Term ends Tuesday, November 28th.  
Second Term begins Monday, December 4th.  
Vacation begins Friday, December 22nd.

1917

Class Work resumes Tuesday, January 2nd.  
Bible Institute begins Saturday, January 20th.  
Bible Institute closes Sunday, January 28th.  
Second Term ends Friday, March 2nd.  
Third Term Begins Tuesday, March 6th.  
Closing Exercises and Commencement, Wednesday, May 30th, 10 a. m.

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## General Educational Board

(Church of the Brethren)

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President D. W. Kurtz, D. D., President.....McPherson, Kansas  
Elder D. M. Garver, Vice President.....Trotwood, Ohio  
Elder J. H. B. Williams, Secretary-Treasurer.....Elgin, Illinois  
President John S. Flory, Ph. D.....Bridgewater, Va.  
Elder I. W. Taylor.....Neffsville, Pennsylvania

# Board of Trustees

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Time Expires 1922

PETER S. THOMAS.....Harrisonburg, Virginia  
STUART AREY.....Port Republic, Virginia

Time Expires 1921

SAMUEL D. MILLER.....Mt. Sidney, Virginia  
S. I. BOWMAN.....Harrisonburg, Virginia

Time Expires 1920

J. F. ROSS.....Grafton, West Virginia  
SIDNEY L. BOWMAN.....Bridgewater, Virginia

Time Expires 1919

SAMUEL M. BOWMAN.....R. F. D. Linville Depot, Virginia  
JAMES A. FRY .....Bridgewater, Virginia

Time Expires 1918

HIRAM G. MILLER.....Bridgewater, Virginia  
I. N. H. BEAHM.....Nokesville, Virginia

Time Expires 1917

WILLIAM H. SANGER.....Oakton, Virginia  
GEORGE S. ARNOLD.....Burlington, West Virginia

JOHN S. FLORY, President of the College—ex-officio.

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## OFFICERS OF THE BOARD

HIRAM G. MILLER.....President  
PETER S. THOMAS.....1st Vice-President  
GEORGE S. ARNOLD.....2d Vice-President  
SIDNEY L. BOWMAN.....Secretary  
JAMES A. FRY.....Treasurer

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## MEETINGS OF THE BOARD

Second Friday after opening of the Session.....September 15, 1916  
Second Friday after opening of Winter Term.....December 15, 1916  
Second Friday after opening of Spring Term.....March 16, 1917  
Second Friday after Commencement.....June 8, 1917

Legal Title: "The Trustees of Bridgewater College."

# Faculty and Officers of Administration

---

## JOHN S. FLORY, Ph. D., President.

B. Lit., Mount Morris College; B. A. and M. A., Bridgewater College; Student, Ohio Northern University; Assistant in English Literature, University of Virginia; Ph. D., University of Virginia; Professor of English and German and Vice-President, Bridgewater College; Instructor in Summer Institutes at Winchester, Fredericksburg and Harrisonburg; Author.

*Professor of English Language and Literature*

## ALLAN B. BICKNELL, Ph. D.

A. B. and A. M., Brown University; Instructor in Latin, Brown University; Ph. D., Brown University; Professor of Latin, West Jersey Academy; Professor of Languages, Wenonah Military Academy; Vacation Student, University of Grenoble, France, and University of Marburg, Germany.

*Professor of Modern Languages*

## SAMUEL N. McCANN, B. A.

B. A., Bridgewater College; Student Southern Baptist Theological Seminary; District Evangelist; Traveling Secretary of the General Mission Board, Church of the Brethren; Missionary in India nine years; Author of "The Lord Our Righteousness," "The Beatitudes," etc.

*Professor of Biblical Literature and Theology*

## FRANK J. WRIGHT, M. A., Business Manager

B. A., Bridgewater College; Graduate Student, University of Virginia; Graduate Student, Columbia University; M. A., University of Virginia; Assistant in Geology, Virginia Geological Survey.

*Professor of Geology and Biology*

## CHARLES EUGENE SHULL, M. A.

B. S. and M. A., Bridgewater College; Assistant in Chemistry, Bridgewater College; Graduate Student and Fellow in Mathematics, University of Virginia; Headmaster in Mathematics, Jefferson High School for Boys; Graduate Student in Chemistry and Physics, Johns Hopkins University.

*Professor of Mathematics, Chemistry and Physics*

## WILLIAM UBER DREIZLER, M. A.

B. A., University of Pennsylvania; Instructor in Pennington School for Boys, Pennington, N. J.; University Scholar in Latin, University of Pennsylvania; M. A., University of Pennsylvania.

*Professor of Ancient Languages and History*

**EARL S. NEAL, A. M.**

A. B., Howard Payne College; Instructor in Howard Payne College; Principal Mt. Vernon High School; Student University of Texas, summer session; A. M., George Washington University.

*Professor of Philosophy and Pedagogy*

**CHARLES C. WRIGHT, M. Accts.**

B. E. and M. Accts., Bridgewater College; Special Student in Bookkeeping and Accounting, Eastman-Gaines Commercial School, New York City; Student, University of Virginia; Student Columbia University, summer session.

*Professor of Political Science and Principal of Commercial School*

**JOHN T. GLICK, B. A.**

B. A. Bridgewater College; Instructor Bridgewater College; Graduate Student Northwestern University; Student in School of Expression, Northwestern University, summer session.

*Professor of History and Expression*

**CHARLES WILLIAM ROLLER**

Graduate in Music Teachers' Course, Bridgewater College; Professor of Music, Maryland Collegiate Institute; Student, Peabody Institute, Moody Institute, and Oberlin Conservatory of Music; Private Student of D. A. Clippinger and Fred W. Root.

*Professor of Chorus, Theory and Voice*

**GRACE LEE BERLIN, Mus. B.**

Student, Bridgewater College, School of Music; Graduate, Mary Baldwin Seminary; Teacher of Piano, Bridgewater College; Private Teacher of Piano and Organ.

*Professor of Piano*

**MICHAEL A. GOOD**

Student, Washington and Lee University; Instructor in West Central Academy; Principal, Bridgewater High School; Professor in Elizabethtown College.

*Instructor in Mathematics and Science*

**ALDA B. CLINE, B. A.**

B. A., Bridgewater College; Instructor, Bridgewater College; Teacher, Rural Retreat High School; Student University of Virginia Summer School, and Harrisonburg Summer School.

*Instructor in Latin*

**ANNA ARNOLD BOWMAN, B. A.**

B. A., Bridgewater College; Instructor in Bridgewater College; Student, East Tennessee State Normal School, summer session.

*Instructor in English*

**NORMAN A. SEESE, B. A.**

B. A. Bridgewater College; Special Student, Harrisonburg State Normal, summer session; Instructor in Bridgewater College.

*Instructor in Mathematics and Manual Training*

**MATTIE V. GLICK, B. Accts.**

Graduate in Combined Commercial Course, Bridgewater College; Student, National Business College; B. Accts., Bridgewater College.

*Instructor in Shorthand and Typewriting*

**BESSIE W. ARNOLD, B. E.**

B. E. Bridgewater College; Graduate in Art, Bridgewater College; Student Chicago Art Institute.

*Instructor in Art*

**JOHN D. MILLER, A. M., M. D.**

B. A., and M. A., Bridgewater College; Professor in Bridgewater College; M. D. Virginia Medical College; Practicing Physician.

*Lecturer on Preventive Medicine, College Physician, and Director of the Infirmary*

**ROBERT K. BURNS, B. A.**

B. A. Bridgewater College; Cold Spring Harbor Biological Laboratory.

*Instructor in Biology*

**MRS. ERNEST M. WAMPLER**

*Matron*

**JAMES A. HARMAN**

*Instructor in Violin*

**GEORGE W. HARLOW**

*Instructor in Physical Education and Director of the Gymnasium*

**Wm. BERLIN SIMMONS**

*Instructor in Penmanship*

**ERNEST M. WAMPLER**

*Instructor in Physics*

**SADIE MURRAY**

*Assistant in music*

**H. EARLY WAKEMAN**

*Assistant in Chemistry*

**GAY OLA WALTER**

*Assistant in Physical Education*

**OMEGA L. MILLER**

*Assistant Librarian*



# Committees of the Faculty

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## ADMINISTRATION

JOHN S. FLORY  
F. J. WRIGHT  
J. D. MILLER

## CREDITS and STANDING

A. B. BICKNELL  
W. U. DREIZLER  
ANNA A. BOWMAN

## STUDENT ACTIVITIES

C. C. WRIGHT  
S. N. McCANN  
C. E. SHULL  
GRACE L. BERLIN  
E. S. NEAL  
N. A. SEESE  
ALDA B. CLINE

## GOVERNMENT

C. E. SHULL  
S. N. McCANN  
C. C. WRIGHT  
G. W. HARLOW

## LIBRARY

J. T. GLICK  
W. U. DREIZLER  
E. S. NEAL  
F. J. WRIGHT  
BESSIE ARNOLD

## SOCIAL

THE MATRON  
A. B. BICKNELL  
M. A. GOOD  
ANNA A. BOWMAN  
ALDA B. CLINE  
E. M. WAMPLER  
GAY O. WALTER

## PUBLIC EVENTS

M. A. GOOD  
J. T. GLICK  
C. W. ROLLER  
MATTIE V. GLICK

The President of the College is ex-officio a member of each committee.

## Historical Statement

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**B**RIDGEWATER COLLEGE was started as the Springcreek Normal and Collegiate Institute, in the fall of 1880. Rev. Daniel C. Flory, the founder and first principal, organized the work, and conducted it at Springcreek the first two sessions.

In 1882 it was decided to increase the facilities of the institution. A Board of Trustees was appointed and the location of the school changed from Springcreek to Bridgewater. A charter was secured under which the name was changed to Virginia Normal School. A site for the institution was secured at the eastern side of the town of Bridgewater and steps taken at once to provide a building for its accommodation. A suitable building was erected, forty by eighty feet and three stories above the basement. This was built of brick and arranged to provide accommodations for a complete boarding school, class rooms, sleeping rooms, chapel, kitchen, etc. While the building was being erected, quarters were secured in the town for the third session. The fourth session, in the fall of 1883, opened in the new building on the present site of the college.

The work steadily grew until in 1888 when a dormitory was provided for the young ladies, known as the White House. The next year, on December 31st, the first building was destroyed by fire. Steps were immediately taken for the erection of two buildings in place of the one destroyed, one on the same site to be used exclusively as a dormitory for men, and the other to contain class-rooms, offices, chapel etc. The enrollment of this session was a hundred and sixty.

In April 1889 a new charter was secured and the name changed from Virginia Normal School to Bridgewater College. This was done to meet the growing demands of the school for advanced work. A body of students was already pursuing a definite college course when this change was made and two years later, in June 1891, three young men were graduated from the college with the degree of Bachelor of Arts. From that time the college has held its place among the high grade colleges of the state.

Other lines of work have been added from time to time as demands came. As early as 1882, Professor George B. Holsinger became associated with the institution as director

of music. Under his fostering care interest in music grew, and Bridgewater has been something of a musical center since. The same year a business course was added, which has grown into the School of Commerce. In 1898, a Bible School was organized, but a definite course of study was not offered until several years later. In this way the purpose of the promoters has constantly been exerted to provide in the most adequate way for the educational needs of the constituency of the school.

Bridgewater College is located in the famous Shenandoah Valley in Rockingham County, one of the celebrated agricultural sections of the Old Dominion. It is more than twelve hundred feet above sea level and in view of the Blue Ridge Mountains some twenty miles to the east and of the Alleghanies almost as far on the west. It is noted for its invigorating and healthful climate and for its wealth and charm of natural scenery.

Bridgewater is a thriving town of about one thousand inhabitants and is a typical college town. The inhabitants are largely of the retired class and are people of culture and refinement. There are few business enterprises in the town except several excellent department stores. The town is located on the Chesapeake-Western railroad, 20 miles north of Staunton, on the C. & O., twenty-seven miles west of Elkton on the N. & W., seven miles south of Harrisonburg, on the B. & O. and the Southern and is easily accessible from all directions.

## GROUNDS AND BUILDINGS

The college grounds comprise about fourteen acres well elevated and well drained. A portion of the grounds, known as the campus, is shaded by a beautiful maple grove and set to blue grass.

**Stanley Hall** was erected in 1889 and is the chief home of the preparatory department. It contains also the commercial and music schools and the biological laboratory. Its recitation rooms are equipped with new modern tablet-arm settees and other modern furniture. The school of commerce has well arranged banks and exchange and practice offices. The typewriters have a convenient room and modern machines. This building also contains the chapel with a seating capacity of nearly three hundred.

**The White House** was erected in 1888 and a wing added to it in 1892. It contains the college dining room, kitchen, storerooms, etc., and a large and well lighted Art Studio.

Most of the second story is divided into rooms for young ladies. The building is in the care of an assistant matron.

**Founders Hall** was built in 1904 and is equipped throughout with new, modern furniture. It is used as the administration building and contains on the first and second floors the college offices, library, recitation rooms for college classes and the chemical and physical laboratories. On the third floor are the Museum and the halls of the Victorian and Virginia Lee literary societies.

**Yount Hall**, the ladies' dormitory, was erected in 1905. It was named to commemorate the long and valued services of President Walter B. Yount and his gifted mother, Mrs. Margaret C. Yount. This is a splendid modern, brick structure with well lighted, comfortable rooms, baths, etc., and a large parlor. Each room is furnished with a handsome suite of oak furniture consisting of dresser commode, table and chairs and an iron bed with springs and mattress. The young ladies are in the care of an experienced matron.

**The Central Heating Plant** was completed in 1906. This contains two large boilers which may be used jointly or singly and provides heat to all the buildings. A coal bin is attached sufficiently large to hold several carloads of coal.

**Gymnasium**—This building was erected in 1908. It is a substantial brick building of two stories. The lower story, when completed, will afford abundant room for baths and lockers and a large swimming pool. The second story is high, well lighted and without obstruction and thus affords excellent opportunity for both individual and class drill and systematic physical exercise. In 1913 it was fitted up also as an auditorium, being provided with an equipment of folding chairs. In this capacity it serves an excellent purpose at commencement and other special occasions.

**Wardo Hall**, a dormitory for young men, was erected in 1910. It is a structure of native brick and concrete and is modern and complete in all of its appointments. The three stories above the basement provide rooms for about seventy young men and also a reception room on first floor. The rooms are of ample size and well lighted and ventilated. The furnishing is of modern and comfortable. The basement has been fitted up as the home of the Manual Training Department and provides ample facilities for this line of work. The building is provided with modern toilets, baths and lavatories.

**The Church**—A new church was built on the grounds just opposite Wardo Hall in 1914. This is a modern brick structure providing adequate equipment for Sunday School and other church activities. It contains some twenty special Sunday School rooms besides a large audience room and a basement under the entire building. It is heated by low pressure steam and lighted by electricity and provided with lavatories, toilets, etc. The seating capacity is about one thousand. The building was provided by the Bridgewater congregation with some assistance from alumni.

All the buildings are constructed of brick (except the first two.) All are provided with city water and lighted by electricity.

The sanitary conditions at the college are excellent. A new sewer line was constructed in 1910 especially for the college. Skirting the rear of the main group of buildings, it extends eastward to the river about a half mile below the town.

### IDEALS AND GOVERNMENT

Bridgewater College is a Christian institution. It is the property of a religious denomination, the Church of the Brethren, and is conducted in accordance with Christian principles. While high and exacting standards of scholarship are demanded, as an examination of the courses in this catalogue and the record of our graduates attest, it is the belief of those in charge of the work that the supreme end of education is the development of character. The altruistic spirit, the nobility of service, simple and clean living, are ideals constantly held up and distinctly taught.

The development of the powers of mind, soul and body, and the direction of these powers to the accomplishment of some worthy end are held to be true objects of education.

The discipline of the college is in the hands of the president and faculty. A few simple regulations, believed to be mutually helpful, are prescribed to which all students are expected to yield a prompt and ready obedience. It is the earnest wish of the faculty to assist students in every way and to be regarded as their steadfast friends.

Self government is held to be the highest ideal of government, and the efforts are constantly made to surround the student body with an atmosphere of social purity, honor and piety. To this end all who apply for admission as students are presumed to be ladies and gentlemen and are urged to

carefully inspect their own conduct and to aim constantly at higher ideals in all lines of development.

Some things are known to be injurious to those who engage in them, and detrimental to the best progress and development of young people. For this reason the following are positively forbidden: The use or handling of intoxicating liquors, the use of profane language, having or using firearms, hazing in any form no matter how mild, the organization of Secret Societies or active membership in them and the use of tobacco in the buildings or on the grounds.

The usual standards of gentlemanly and lady-like conduct are expected of all. The faithful performance of work assigned and the cheerful obedience to college regulations are regarded as of fundamental importance. If a student's attitude is such as to make his stay in school of doubtful good to himself and a menace to others, it is understood that the faculty reserve the right to demand the withdrawal of such student whenever in their judgment his influence is injurious to his fellows or the school; and it is not necessary that a specific act be committed before such discipline can be administered.

As an aid to right ideals of conduct, all students are encouraged to familiarize themselves with the truest standard of Christian ethics, the English Bible. The frequent assembling of the entire school for devotion and instruction has been found promotive of a feeling of sympathy and cooperation. To this end all students are required to meet with the faculty in chapel at the daily prayer service. It is also expected that they will attend Sunday School on Sunday morning and preaching at the church Sunday evening.

### ADVISERS

Upon the opening of the session in September each college student is assigned to an adviser named from the faculty. The student is expected to confer at frequent intervals with his adviser upon such topics as program of studies, progress in work, problems of college life, planning for the future, and any other considerations he may wish to share with his adviser. Fraternal relations exist between student and adviser, without restraint on either side.

### EXAMINATIONS

Written examinations are held at the end of each term. These cover the entire work of the term and are made searching tests of the student's knowledge. In addition to

these written examinations, a record of the daily class-work of each student is kept by the teacher. The term grade is made up from the average of the daily recitations and the term examinations, and eighty per cent is required in each class for passing. During the written examinations, students are placed on their honor and every examination paper must bear a pledge of the following import: "I have neither given nor received aid on this examination," and signed by the author of the paper. This honor system has been in operation here for many years and its maintenance has become one of the honored traditions of the institution. In the very few instances where it is known to have been violated, the offenders were summarily dismissed from the college. To enable parents and guardians to keep close trace of the student's work, a report of their progress in each class is sent to their homes at the end of each term.

### GRADUATION

The degrees of Bachelor of Arts, Bachelor of Science, and Master of Arts are conferred by the college for work done and on the following conditions. For the B. A. degree the student must complete sixty-two session hours at a grade of not less than eighty per cent in any course. All of the work of the Senior year and part of that of the Junior year is elective.

The B. S. degree is conferred on the same conditions as the B. A. degree.

The M. A. degree is conferred on college graduates of Bridgewater College only. To attain this degree, the student must complete fifteen college hours, chosen with the approval of the faculty from the group of electives, none of which were counted for the B. A. degree, or do an equivalent amount of advanced work in special departments. He must pass each course at a grade of not less than eighty per cent and prepare a suitable dissertation which he may be called upon to defend as a prerequisite of receiving the degree.

To the student who attains either of the above degrees a diploma is awarded. To those who complete other courses of study will be given a certificate of graduation.

But no one will be permitted to graduate in any course who has not paid or satisfactorily arranged for his college expenses.

## FINAL HONORS

Final honors in a subject may be granted to any student who has attained an average of 95 per cent. in a minimum of six session hours in that subject, provided all the work is done in this institution. No student is eligible to honors who has not been in residence in this College for at least two years, who has failed in any course, or who has been released from any college requirement whatsoever. Certain courses may not be taken for honors. Final honors are announced at commencement and printed in the catalogue.

## LIBRARY

The college library contains about eleven thousand bound volumes besides numerous pamphlets. The books are catalogued by the decimal system which makes them readily available and of easy access. The reference library is well supplied with encyclopedias, dictionaries, atlases and various other books of reference. One of the latest additions to this collection was the eleventh edition of the Encyclopedia Britannica in full morocco binding.

In connection with the library is the reading room well supplied with the leading magazines and reviews and daily and weekly newspapers. Students are urged to keep abreast of the times by spending some time each day with the current events.

## MUSEUM

Through the benevolence of friends and patrons and partly by purchase the college has been enabled to secure a very useful collection of minerals, fossils, natural curios, etc. The cases now contain hundreds of specimens which are of great value in the study of natural sciences. A good sized room in Founders Hall has been set apart for this department of science and the attention of friends of the college is kindly called to the further needs of the museum.

## STUDENT ORGANIZATIONS

The Victorian and the Virginia Lee literary societies are rival organizations of academic grade. Each has an elegantly equipped hall which furnishes the best of facilities for practice in debate, oratory and declamation. Each society holds a contest annually at which two medals are awarded, one to the best reciter and the other to the best declaimer.



The Acme Society is an organization of college students, many of whom are automatically advanced into this society from the Junior Societies on entrance into the college. The Editor-in-Chief of the Philomathean Monthly (the college magazine) is chosen annually from this society. The Lyceum Committee is also chosen from its members. This organization, which is one of the most influential in college, is not yet provided with a hall of its own, but holds its meetings in the chapel.

The Intercollegiate Prohibition Association is an organization of students for the purpose of making a scientific study of the liquor problem. They study some phase of the problem each year in a volunteer class led by a professor. Each session a local oratorical contest is held from which the winner goes to a state contest where representatives from many colleges in the State meet. During the six years in which Bridgewater College has been a member of this association, her representatives have won third place in the state once, second place twice and first place twice.

### CHRISTIAN BANDS

A Y. M. C. A. is maintained by the young men of the college and a Y. W. C. A. by the young women. Each organization holds weekly meeting and frequently renders programs to which the public is invited. Each carries on a series of voluntary study classes during the year. These are conducted in small groups and include social, religious and missionary subjects.

The Volunteer Mission Band is an organization of young people who are preparing for service on the foreign mission fields. They hold weekly devotional meetings and also carry on volunteer study classes. Former members of this band are already in the fields of China and India with whom the band keeps in constant communication.

### LYCEUM

The Lyceum Course is managed by a committee of three appointed from the Acme Literary Society. The course has been maintained for a good many years and has become a fixed institution in the college life. Season tickets are sold at a low rate and the course is very liberally patronized. It aims to provide the best class of lecturers and entertainments obtainable. The course in recent years has included S. S. McClure, Walter M. Chandler, Byron W. King, S. A. Long,

Lee Francis Lybarger, Colonel George W. Bane, Ralph Parlette, Frank Dixon, and such entertainments as Gamble Concert Party, DeKoven Quartet, Conradi Brothers, Madame Von Unschuld and many others.

### PUBLICATIONS

The publications of the college are The Philomathean Monthly and the college Bulletin. The Philomathean, the college magazine, is a modest journal of pure literature, published by the literary societies. The final number of each volume is profusely illustrated and made a sort of record of the graduating class. The Bulletin is published bi-monthly, one number of which is the annual catalogue.

### STUDENT ACTIVITIES

Excepting work connected with The Philomathean Monthly, literary societies, gymnastics and athletic sports, no student may participate in more than two regular or special student activities; in such fields as music, religion, oratory, debating, dramatics, etc.

### SCHOLARSHIPS AND PRIZES

**The Missionary Scholarship**—The proceeds of seven hundred dollars which is invested, is given each year to some worthy student in the Bible Department. The value of the scolarship is about forty dollars.

**Alumni Scholarships**—The Alumni Association of the college has provided two scholarships, one is worth fifty dollars available in the college department and one worth twenty dollars.

**Jesse E. Rolston Scholarship**—Through the munificence of the gentleman whose name it bears, this scholarship has been available since 1912. It provides thirty-five dollars to some worthy person who is anxious to prepare for usefulness in life.

**Aid Society Prize**—The Sisters Aid Society of the Bridgewater Congregation gives five dollars in gold to the winner in the I. P. A. oratorical contest.

**Society Prizes**—The Victorian and the Virginia Lee literary societies offer each two prizes to their best declaimer and reciter respectively.

**Magazine Prizes**—The Philomathean Monthly offers three prizes to its contributors, one for the best poem, one

for the best essay and one for the best original story contributed by a student during the session.

### GENERAL INFORMATION

No student will be permitted to board out of the college except by permission of the president and board of trustees and at boarding houses approved by the college.

Rooms are furnished with the necessary furniture. The beds are provided with linen and a comforter. Extra cover must be provided by the students. Students also furnish their own towels, napkins, window curtains, rugs, electric light bulbs, etc. Washing of the bed linen is included in the room rent. Individual laundry is at the expense of the student. Students are responsible for damage to furniture and buildings caused by them.

Running, whistling, scuffling, loud talking or any other rude or boisterous conduct in the buildings is not expected.

Members of the Church of the Brethren should observe its usage in plainness of attire and should bring their letters and become members of the church while here during college residence.

Students are not permitted to board themselves in the college buildings.

Excuses for absence from class should be secured from the teacher before the absence occurs. In case this can not be done, the absentee shall write his excuse and have it signed by the president of the college within a week, before the absence will be removed. Three unexcused absences in a course for one term shall debar the student from receiving credit in that course for the term in which the absence occurs.

The college book store handles all books used in the college. That they may be sold cheaply, cash must be paid, otherwise ten per cent is added.

Students are not expected to leave town without permission.

Physical Culture is required of all students except college juniors and seniors. With these it is optional.

Day students may be accommodated in the dormitories during the day if there is room. For this privilege, they will be charged four dollars a term. All correspondence and application for catalogs, circulars, etc., should be addressed to the president.

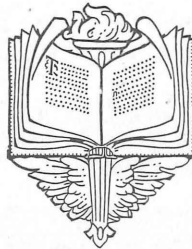
## EXPENSES

## All Payments Are Due One Term in Advance

Tuition in Academy, Bible or Commercial courses, per term.....	\$20.00
Tuition in College course, per term.....	25.00
Tuition in Music courses, per term.....	32.00

	Minimum	Maximum
Tuition, Room and Board in Academy, Bible or Commercial courses, per term.....	\$56.00	\$62.00
Tuition, Room and Board, in College course, per term .....	61.00	67.00
Tuition, Room and Board, in School of Music, per term .....	68.00	74.00
Laboratory Fee, College (Chemistry, Physics, Biology, Geology) per year.....	6.00	
Laboratory Fee, Academy (Agriculture, Physics) per year .....	3.00	
Key deposit .....	1.00	
Diploma Fee .....	5.00	

The above boarding rates are computed on the basis of two students in a room. Students who room alone will add \$1.50 a month to the above rates.



# College Faculty

---

JOHN S. FLORY, Ph. D.

*Professor of English*

---

ALLAN B. BICKNELL, Ph. D.

*Professor of Modern Languages*

---

SAMUEL M. McCANN, B. A.

*Professor of Biblical Literature and Theology*

---

FRANK J. WRIGHT, M. A.

*Professor of Geology and Biology*

---

EARL S. NEAL, M. A.

*Professor of Philosophy and Pedagogy*

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CHARLES EUGENE SHULL, M. A.

*Professor of Mathematics, Chemistry and Physics*

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WILLIAM UBER DREIZLER, M. A.

*Professor of Greek and History*

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*Professor of Economics and Political Science*

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*Professor of History and English*

# The College

## TERMS OF ADMISSION

**S**TUDENTS are admitted to the college: First by diploma from our own academy; second, by diploma from standard high school and third, by examination. No student will be admitted to this course who does not show sufficient evidence of scholarship to justify such admittance and who is not at least sixteen years of age.

For admission to the college, the student must offer at least fourteen and one-half units as specified below. By a unit is meant the equivalent of one study reciting five times a week through a session of at least thirty-six weeks, the recitation period being not less than forty minutes in length.

### SUBJECTS REGULARLY ACCEPTED FOR ADMISSION

- English—A1 (Advanced Grammar and Composition), 1 unit.
- English—A2 (Rhetoric and Composition), 1 unit.
- English—A3 (Literary Masterpieces and Composition), 1 unit.
- English—A4 (History of English and American Literature and Classics), 1 unit.
- Mathematics—A1 (Elementary Algebra), 1½ unit.
- Mathematics—A2 (Plane Geometry), 1 unit.
- Mathematics—A3 (Advanced Algebra), ½ unit.
- Mathematics—A4 (Solid Geometry), ½ unit.
- Mathematics—A5 (Plane Trigonometry), ½ unit.
- Latin—A1 (Latin Elements, Grammar and Composition), 1 unit.
- Latin—A2 (Caesar, Books I-III, Exercises), 1 unit.
- Latin—A3 (Cicero four orations, Grammar and Composition), 1 unit.
- Latin—A4 (Virgil, Books I-IV, Exercises), 1 unit.
- Greek—A1 (Greek Elements, Grammar and Translation), 1 unit.
- Greek—A2 (Xenophon's Anabasis, Books I-IV), 1 unit.
- German—A1 (Grammar, easy reading, Exercises), 1 unit.
- German—A2 (Reading Elementary and Intermediate Texts, Exercises), 1 unit.
- French—A1 (Grammar, Translation, Exercises), 1 unit.
- French—A2 (Translation, Grammar reviewed, Exercises), 1 unit.
- History—A1 (American and Civil Government), 1 unit.
- History—A2 (English), 1 unit.
- History—A3 (Mediaeval and Modern), 1 unit.
- History—A4 (Ancient), 1 unit.

- Science—A1 (Physical Geography and Commercial Geography), 1 unit.
- Science—A2 (Agriculture), 1 unit.
- Science—A3 (Physics, with Laboratory experiments), 1 unit.
- Science—A4 (Manual Training), 1 unit.
- Bookkeeping—(Double period), 1 unit.
- English Bible—1 unit.
- Drawing— $\frac{1}{2}$  unit.

ENTRANCE REQUIREMENTS

The proper distribution of units is necessary in order to relate entrance credits to the work of the Freshman year. The following are required:

For B. A. Course	For B. S. Course
English .....3	English .....3
Algebra .....1½	Algebra .....1½
Plane Geometry ..... 1	Plane Geometry .....1
Latin ..... 2	Adv. Alg. or Solid Geometry.....½
History .....1	Foreign Language .....2
Science ..... 1	History .....1
—	Science ..... 1
9½	—
Elective ..... 5	10
—	Elective ..... 4½
14½	—
	14½

CONDITIONAL ENTRANCE

A student offering twelve and one-half units will be allowed conditional admission, the condition being that he be required to make up the remaining two units before his Junior year.

DESCRIPTION OF ENTRANCE UNITS

ENGLISH

English A1.—*Advance Grammar and Composition.* This work must show evidence of an accurate knowledge of the structure of English sentences, including capitalization and punctuation, and must be correct in spelling. Reed and Kellogg's Higher Lessons in English and Kimball's The English Sentence.

English A2.—*Rhetoric and Composition.* The course covers Style and Invention. It should show a general knowledge of literary form, the use of the simpler figures of speech and paragraphing. Scott and Denny's New Composition-Rhetoric is the text. Frequent exercises are required in Description and Narration, and occasional ones in Exposition and Argumentation.

English A3.—*Literature and Composition.* The specimens for reading are comprised under two groups, one for careful study and practice, the other for reading. The works of the former group are read in class under direction of the instructor and analyzed and discussed. The second group are read as parallel work by the student out of class. Constant practice in writing and oral interpretation. Constant attention is given to pronunciation, phrasing, emphasis, breathing, vocal purity, etc.

1. For study and Practice. The following are prescribed for the year 1915-16: Shakespeare's *Macbeth*; Milton's *L'Allegro, Il Penseroso, Comus, and Lycidas*; Burke's *Speech on Conciliation*; Macaulay's *Life of Johnson*; Carlyle's *Essay on Burns*; Washington's *Farewell Address*; and Webster's *First Bunker Hill Oration*. This list is subject to variation.

2. For reading. A list of at least fifty works is given, representing the best drama, prose and poetry produced in England and America. From the list the student chooses twelve, upon which he reports from time to time to his instructor.

English A4.—*Literature.* This class makes a hasty survey of the history of English and American Literature, on the basis of Halleck's texts. Constant emphasis is placed on the reading and interpretation of literary masterpieces.

#### MATHEMATICS

Mathematics A1—*Elementary Algebra* The fundamental principles of algebra are carefully studied in this class. Special emphasis is put upon factoring, the statement of problems in the form of equations, radicals, quadratics and progressions. Fisher and Schwatt's Secondary Algebra.

Mathematics A2.—*Plane Geometry.* A standard text such as Well's Essentials of Geometry and original problems.

Mathematics A3.—*Advanced Algebra through Ratio and portion, Progressions and the Binominal Theorem.* Fisher and Schwatt's Algebra.

#### LATIN

Latin A1—Latin Elements, Grammar and Composition, easy reading.

Latin A2.—Caesar, Books I-III with Grammar and Exercises.

Latin A3.—Four orations of Cicero, including three against Cataline; Exercises and Grammar.

Latin A4.—Virgil's Aeneid, Books I-IV; Exercises and Grammar.



## GREEK

Greek A1.—White's First Greek Book; Xenophon's Anabasis Book I; Exercises.

Greek A2.—Xenophon's Anabasis Books II, III, IV; Exercises and Grammar.

May receive advanced credit.

## GERMAN

German A1.—Joynes-Meissner's Grammar, Part I; Exercises; Reading of about 150 pages of graded text, including Carmen Sylva's Aus Meinem Konigreich, and Hillern's Hoher als die Kirche.

German A2.—Grammar reviewed, and reading of about 400 pages of elementary and intermediate German text, including prose and poetry. Such texts as Grimm's Kinder und Hausmarchen, Manly's Der Zerbrochene Krug, Dillard's Aus dem deutschen Dichterwald are used.

## FRENCH

French A1.—Chardenal's French Grammar, Part I; Exercises; Super's French Reader; Merimee's Columba, etc., making about 200 pages of easy French prose.

French A2.—Chardenal's French Grammar; Dumas' Monte Cristo, and texts of like grade, making about 400 pages of prose and drama.

## SCIENCE

Science A1.—*Geography*. In this course a careful study is made of Physical Geography and Commercial Geography. A half year is given to each. Any of the standard texts will be accepted.

Science A2.—*Agriculture*. This course begins with a general survey of the field of Agriculture. It treats such subjects as domestic animals, economic plants, soils, fertilizers, farm crops, animal husbandry, gardening, etc.

Science A3.—*Physics*. A general knowledge of the subject is given on the basis of Millikan and Gales' First Course in Physics. Students who undertake this course should have a knowledge of elementary algebra. Each student is required to perform a number of simple experiments and to make accurate notes descriptive of them.

Science A4.—*Manual Training*. The work in manual training teaches the student how to handle and care for tools. He begins with simple exercises, such as the plane surface, right angle, mortise, etc. Then he takes up sim-

ple pieces of furniture, as the footstool, or magazine rack. From these he proceeds naturally to the construction of a nice piece of furniture—a bookcase, library table, music cabinet, or centre table.

#### HISTORY

History A1.—*American*. This course comprises a standard text in the United States history, as Hart, a history of Virginia and a standard civil government, state and national.

History A2.—*English*. Wrong's *History of the British Nation*, or Cheney's, Larned's or a similar text forms the basis of this course. Special topics worked up from library sources.

History A3.—*Mediaeval and Modern*. Myers, West or a text of similar grade is used.

History A4.—*Ancient*. This course covers the eastern nations, Greece and Rome. West's *Ancient World*, or a similar text.

#### BOOKKEEPING

This work is made very practical. Many forms of business are represented and are conducted by the most modern and most approved methods. The student not only becomes thoroughly acquainted with the science of accounts, but is drilled in the practical application of the principles of this science to the various forms of business in the commercial world.

#### DRAWING

A half year's work is given in free-hand drawing from models, and sketching from still life and from nature. Attention is given to effects of light and shade and to the elementary rules of perspectives.

#### REQUIREMENTS FOR GRADUATION

To receive the B. A. or B. S. degree from Bridgewater College the student must complete sixty-two session hours of college work. The session hour is one hour of recitation a week, or its equivalent, throughout the session. Sixteen hours are prescribed for the Freshman and Sophomore years respectively, and fifteen hours each for the Junior and Senior years. Two hours of laboratory work is counted the same as one hour of recitation.

For the B. A. degree the following forty-one hours are required:

Languages .....	12 hours
English .....	6 hours
Mathematics .....	4 hours
Science .....	8 hours
Psychology .....	3 hours
History .....	3 hours
Political or Social Science.....	3 hours
English Bible .....	1 hour
Student Life .....	1 hour
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	41 hours

For the B. S. degree the required work is the following:

English .....	6 hours
Mathematics .....	10 hours
Science .....	14 hours
Foreign Language .....	6 hours
History .....	3 hours
English Bible .....	1 hour
Student Life .....	1 hour
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	41 hours

The following tabulation shows the order in which the work is to be taken. For B. A. or B. S. degree, Freshman year:

English .....	3 hours
English Bible .....	1 hour
Chemistry .....	4 hours
Mathematics .....	4 hours
Latin or German .....	3 hours
Student Life.....	1 hour
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	16 hours

For B. A. Degree  
Sophomore Year

English .....	3 hours
Geology .....	4 hours
German, French, Greek, any two.	6 hours
History .....	3 hours
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	16 hours

For B. S. Degree  
Sophomore Year

English .....	3 hours
Geology .....	4 hours
Mathematics .....	3 hours
German, French, Greek, any one.	3 hours
History .....	3 hours
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	16 hours

**Note.** Students who are candidates for certificates in the Junior College, may elect three hours in Pedagogy in the Sophomore year in lieu of a foreign language.

For B. A. Degree  
Junior and Senior Years

Foreign Language.....	3 hours
Psychology .....	3 hours
Political and Social Science.....	3 hours
Electives to make 30 hours for the two years.....	21 hours
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	30 hours

For B. S. Degree  
Junior and Senior Years

Mathematics .....	3 hours
Science .....	6 hours
Electives to make 30 hours for the two years.....	21 hours
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	30 hours

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DESCRIPTION OF COURSES

BIOLOGY

B.—*Zoology*.—The study begins with protoplasm and the life phenomena of the cell, and advances by gradual steps to the higher forms. The College is continually aiming to increase its laboratory facilities by the addition of apparatus and preserved specimens. Two recitations and six hours' laboratory work throughout the year. During the session

of 1914-'15 the following books were read as parallel work: Darbeshire's *Breeding and the Mendelian Discovery*; Metcalf's *Organic Evolution*, and Fisk's *Through Nature to God*.

## CHEMISTRY

B1.—*General Chemistry*.—This class devotes three terms to the study of General Chemistry. Much attention is given to laboratory work. Each student must perform about two hundred and fifty experiments. This course aims to cover the subject of General Chemistry in a thorough manner. Remsen's *College Chemistry* is the text.—4 hours. Required of Freshmen.

B2.—*Industrial Chemistry*.—This course is given to the study of Chemistry as applied to the purpose of mankind. It is a subject of absorbing interest to the student of Chemistry. The course begins with a study of the processes by which metals are extracted from their ores. Then follows the study of the manufacture of chemicals, of porcelain ware, of leather, of soap, of paper, of cotton goods, of sugar and of a number of other articles which have so much to do with our comfort and happiness. Students who enter this class must have a good knowledge of General Chemistry. Remsen's *Organic Chemistry* and F. H. Thorp's *Outlines of Industrial Chemistry* are used as texts.

## ENGLISH

B1.—*Advanced Rhetoric and Composition*.—Beginning with the study of words, phrasing, figures of speech, etc., a substantial ground-work of style is laid. The work then proceeds to the larger consideration of the distinct types of prose literature. A detailed study is made of description, narration, exposition and argument. At least one set essay in each of these types is required besides numerous themes, exercises and reports. Genung's *Working Principles of Rhetoric*; Nunter, Hersey and Greenough *Specimens of Prose Composition* and Connell's *A Study of Poetry*.—3 hours. Required of Freshmen.

B2.—*Public Speaking*.—An analysis is made of the general principles underlying oral interpretation. Special attention is given to the construction and delivery of public speeches. Individual instruction in platform deportment, in bearing, gesture and vocal expression. Attention is given to such topics as interest, imagination, emotion, suggestion, attention, the crowd, choice of subjects, etc.

B3.—*History of Literature*.—The entire ground of English and American literature is traversed in considerable detail, noting the distinctive characteristics of each period together with its representative authors. The forms of literature cultivated in each period are carefully tabulated and a comprehensive view taken of each important writer's work. As detailed an acquaintance is made with the work of each author as time will permit. Taine's *History of English Literature* and other standard texts are prescribed, and extensive reading from library sources.

B4.—*Drama, Essay and Poetry*.—In this course a detailed study is made of several of the great periods of English literature. The course aims at breadth of view by emphasizing a different type of literature each term.

Fall Term—*Elizabethan Drama*; Story of the period; specimens of the Pre-Shakespearean Drama; Selected plays of Shakespeare.

Winter Term—*Eighteenth Century Prose*; Study of the period; Lives and works of the prose writers from Addison to Dr. Johnson.

Spring Term—*The Representative Poet of the Nineteenth Century*; Study of the period; The Works of Tennyson.

B5.—*Epic Poetry, Fiction and American Literature*.—The aim of this course is the same as the preceding, but is restricted to different periods and different types of literature.

Fall Term—*Epic Poetry to the Death of Milton*; Study of the period; Milton's Epics and Dramas.

Winter Term—*Rise and Development of Fiction*; Study of the period; Cross' *Development of the English Novel*; Works of the chief authors.

Spring Term—*American Literature*; Halleck's *American Literature*; Page's *The Chief American Poets*.

B6.—*Literary Movements*.—In this course the great literary movements are treated. It is intended only for students who have completed at least one of the above courses, or their equivalent.

Fall Term—*The Renaissance*; Study of the movement, together with specimens of the various forms of Literature in which it resulted.

Winter Term—*Classicism*; Study of the movement; Detailed study of classic poetry and the classic drama.

Spring Term—*Romanticism*; Phelps' *English Romantic Movement*; Works of the chief romantic poets to Burns.

#### ENGLISH BIBLE

B1.—*New Testament Interpretation*. This is an elementary course and is designed to help young people to an intel-

ligent understanding and appreciation of the Bible and its literature. The treatment is simple, untechnical and free from sectarianism. The class meets three times a week. Credit 1 hour. Required of Freshmen.

B2.—*New Testament History*. This course includes a careful study of the lives and works of Christ, Paul, Peter, John and others of the apostles—a detailed historical and biographical study from the birth of Christ to the establishment of the Christian church. The New Testament is the chief text book.

B3.—*Old Testament Interpretation*. The purpose of this course is to give a comprehensive view of the Old Testament books as a whole. The design of creation, the messages of the prophets, and the mission of the Hebrew nation are emphasized. The interpretation of the prophetic literature forms a large part of the course.

B4.—*Old Testament History*. In this course the historical portions of the Old Testament are read consecutively with the view of getting a general grasp of the Old Testament times. Special emphasis is laid upon the development of the Jewish kingdom and its important place in the history of nations. The plan of Redemption, in its unfolding through God's teaching, is a feature of the course.

B5.—*Biblical Literature*. This course will make a study of the English Bible from the literary point of view. The great types of literature in prose, poetry and drama will be found to be represented in the Bible and a somewhat detailed study will be made of each type. Moulton's handbooks may be used, but the chief textbook is the King James translation of the Bible.

#### FRENCH

B1.—This course does not necessarily presuppose a previous knowledge of the subject. The work begins with simple exercises and careful attention from the first is given to pronunciation and inflection. Chardenal's French Grammar, part one, is completed with constant emphasis on written exercises. Super's French Reader, Merimee's *Columba*, Duma's *Monte Christo* or similar texts, amounting to about six hundred pages are read.

B2.—Chardenal's French Grammar; Duma's *La Tulipe Noire*; Labiche and Martin's *Voyage de M. Perrichon* and Moliere's *Le Bourgeois* and Hugo's *Les Miserables* or texts

of similar grade are read. Constant exercises in French writing.

B3.—Duma's *Excursions sur les Bords du Rhein*. Moliere's *L'Avare*; Sandeau's *Mlle. de la Seigliere*. Hugo's *Quatre-vingt-treize* or texts of similar grade make up the reading for this year.

#### GEOLOGY

B1.—*General Geology*.—A course which covers in a broad way the field of general geology including the four divisions of Dynamical, Structural, Physiographical, and Historical Geology. In the laboratory study is made of maps and geologic sections and rocks and minerals. At least a half dozen field excursions are taken to the mountains on the east and west as well as to other points of especial geological importance in the Valley. An elementary knowledge of physics and chemistry is necessary. The text used is Chamberlin and Salisbury's *College Geology*.—4 hours. Required of Sophomores.

B2.—*Physical Geology*.—The subjects of Dynamical, Structural, and Physiographic Geology are treated in this course. Time will permit a much fuller exposition of the fundamental principles of physical geology than in Course B1. Toward the close of the year building stones and rock weathering will be discussed at some length. In addition to five lectures a week considerable field and laboratory work and parallel reading are required. Ries and Watson's *Engineering Geology* will form the basis of the course. (Geology B2 may be taken along with or subsequent to Geology B1).

#### GERMAN

B1.—This course may be taken by students without a previous knowledge of German, although a year of high school work in the subject is a great advantage in taking up this course. Joynes-Wesselhoff's grammar, part one, is completed along with easy reading. Then such stories as *Aus meinem Konigreich*, *Hoher als die Kirche*, *Kinder und Hausmarchen*, *Der Zerbrochene Krug*, etc., making from five to six hundred pages of graded text are read, along with a constant drill in grammar, and weekly exercises.

B2.—Joynes-Wesselhoff's grammar is reviewed and weekly written translations from English to German are given on the basis of Stein's *Exercises*. For reading, story



and drama are selected. Stern's *Geschichten vom Rhein*, Keller's *Legenden*, Freytag's *Die Journalisten*, Schiller's *Wilhelm Tell* and Lessing's *Minna von Barnhelm* are usually prescribed. Priest's *History of German Literature* is required as parallel.

B3.—Joynes-Wesselhoft's *Grammar* as constant reference and Stein's *Exercises* for weekly writing are prescribed. During this year the classical drama, specimens of the best German poetry and prose are studied. Schiller's *Maria Stuart* and *Maid of Orleans*, Goethe's *Hermann and Dorothea*, Scheffel's *Ekkehard*, Heine's *Die Harzreise*, Grilparzer's *Der Arme Spielmann*, Suderman's *Frau Sorge* or similar texts are prescribed; also Hosmer's *History of German Literature*.

#### GREEK

B1.—This course begins with the rudiments of the language, paying careful attention to inflection, grammar and syntax. There is constant drill in writing for the purpose of mastering the forms and principles of Greek construction. White's *First Greek Book* and an introduction to Xenophon's *Anabasis* are prescribed, and frequent writing based on the text.

B2.—Xenophon's *Anabasis*, first four books, or two books of the *Anabasis* and two books of Homer's *Iliad*. Goodwin's *Grammar and Exercises*. Much attention is given to forms.

B3.—New Testament Greek. The Gospels, Acts and some of the Epistles are read and interpreted. Constant reference is made to the variations of New Testament Greek from the classical. Goodwin's *grammar* for reference.

B4.—This course will vary according to the requirements of the student. It may be a course in prose using the orations of Lysias, Plato's *Apology* and selections from Demosthenes' *On The Crown*; or, it may be a course chiefly in Greek tragedy comprising plays of Sophocles, Aeschylus and Euripides.

#### HISTORY

B1.—Mediaeval and Modern European History.—A survey of the world after the fall of Rome in the West is made, followed by a more detailed study of the historical narrative from Charlemagne to the present day, with special reference to epochal events, illustrious personalities and the development of leading modern institutions. Readings, reports, and preparation of maps required.

Texts: Emerton, *Introduction to the Study of the Middle Ages*; Harding, *Essentials in Mediaeval History*; Ogg, *Source Book in Mediaeval History*; Schwill, *A Political History of Modern Europe*; Seignobos, *The History of Contemporary Civilization: Readings in European History, Vol. II.*

3 hours. Required of Sophomores.

B2.—History of the Christian Church.—Christianity as a movement is traced from the Apostolic age to the present. Special emphasis is placed on the Ante-Nicene periods and the period of the Reformation. Fisher's or Newman's text is prescribed, supplemented by work in the library. This course is designed especially for ministerial students and others contemplating religious work.

#### LATIN

B1.—Latin prose. Livi, book XXI, Cicero's letters, Tacitus' *Germania* and *Agricola*. Studies in Roman Literature. Bennett's Latin Grammar.

B2.—Horace, Selected Satires, Epistles, Odes and Epodes; Juvenal, the principal satires; Private life of the Romans. Bennett's Grammar.

B3.—Tacitus, *Historiae*; Horace, Odes and Epodes; Selected letters of Pliny; Prose Composition; Latin Scansion. Bennett's Grammar for reference.

#### MATHEMATICS

B1.—*Algebra, Solid Geometry and Trigonometry.*—This covers the subjects of Higher Algebra, Solid Geometry and Trigonometry in a complete and vigorous manner; omitting, however, those topics which demand a knowledge of Calculus for their complete comprehension. The texts used are Rietz and Crawthorne's *College Algebra*; Well's *Solid Geometry*; Rothrock's *Plane and Spherical Trigonometry*. 4 hours. Required of Freshmen.

B2.—*Analytic Geometry.*—The year is given to the study of Analytic Geometry of two dimensions in Cartesian and Polar co-ordinates based on Laney's *Co-ordinate Geometry*. Students who have completed Class B1 will be admitted to this class.

B3.—*Calculus.*—This course begins with the review of certain features of Algebra and Analytic Geometry. The remainder of the year is devoted to a detailed study of Osborne's *Differential and Integral Calculus*. Students who

have completed class B2 or its equivalent will be admitted to this class.

B4.—*Mechanics*.—The first half of the session will be given to the study of the laws of force, motion and energy and their application to the statics of the material particle and solid bodies. The remainder of the year will be devoted to the study of the dynamics of the particle and solid body. The work is based on Laney's Statics and Dynamics. This course is of absorbing interest to those who intend to specialize in mathematical science. Course B3 prerequisite.

#### PEDAGOGY

B1.—*Psychology, School Hygiene, Methods and Management*.—An elementary survey of the facts of the mental life, with special reference to the science of education is based upon Betts' *The Mind and Its Education* and James' *Talks to Teachers on Psychology*. During the winter term Burrage and Baily's *School Decoration and Sanitation* is studied. School architecture, decoration, lighting, heating, furniture, sanitation, health of children, etc., receive adequate treatment. Colgrove's *The Teacher and the School*, supplemented by Bagley's or Dutton's texts on management forms the basis of the work of the spring term in Methods and Management. Library work required.

B2.—*Child Psychology, History and Philosophy of Education*.—The unfolding mind of the individual, his physical growth and motor demands are studied, especially in the light of racial history. Instinct, intuition, habit, the influence of heredity and environment and the methods and studies suited to children of different ages, are carefully considered. The texts for this study are Kirkpatrick's *Fundamentals of Child Study*, and Hall's *Youth*. The rise of education and educational systems is traced from savagery to the present. The educational expansion of the United States is likewise traced from the first colonial schools, with a comparative study of the educational systems of modern Europe. Monroe's *Briefer Course in the History of Education* is the text used. Parallel reading. With Horne's *Philosophy of Education* as a basis, the foundations of education are sought in biology, physiology, sociology, psychology and especially philosophy and the fundamental relation of education to the interests and aspects of life are pointed out.

B3.—*High School Pedagogy.*—The high school course, the pedagogy of the chief subjects of the curriculum, and problems of management and administration are among the principal considerations of this course, which is especially designed to give insight into the present high school situation. Parker's *Methods of Teaching in High Schools* will likely to be one of the texts used. 1 hour.

B4.—*Psychology of Religion, and Moral and Religious Pedagogy.*—The first term's study considers the psychological grounds for religion, viewed in part historically, with emphasis upon present day religious phenomena and demands. The winter and spring terms are devoted to a detailed study of teaching religion and morals, both to the developing child and youth and to the adult. Subject matter and methods are both considered. The work of the year is based upon such authors as Starbuck, Coe, James, Lueba, Pratt and others.

#### PHILOSOPHY

B1.—During the first one and one-third terms a first course in Psychology is given, with emphasis upon its physiological side. The structure and function of the nervous system, the physiology of the sense organs and the relations of brain and mind are considered at length. A study of Sensation, Weber's law, Imagination, attention and Normal Illusions is made experimentally. In the winter term social or abnormal psychology is taken up. The work of the spring term is educational psychology, the nature and demands of consciousness, together with its reaction to the educative process and environment. Extensive library work and note books throughout the year.

Texts: Pillsbury, *Essentials of Psychology*; Seashore, *Elementary experiments in Psychology*; Ross, *Social Psychology*; McDougall, *Introduction to Social Psychology*; Colvin's *The Learning Process*.

B2.—Jerusalem's *Introduction to Philosophy*, with readings in the works of ancient and modern philosophers, constitutes the subject for the fall term. The aim is to set for the student the fundamental philosophical problems. Ethics based upon Fite's *An Introduction to the Study of Ethics*, with a consideration of Mackenzie, Muirhead, Dewey and Tufts, Martineau and others, constitutes the work of the winter term. Reading, papers and reports required. The spring term Creighton, *An Introductory to Logic* (revised edition) is studied. Lectures, recitations, exercises.

The text in logic contains an abundance of practical exercises. Each member of the class will be required to write an extended paper on some assigned subject to be read and criticized in class at the end of each term.

## PHYSICS

B1.—*General Physics*.—This course requires a good working knowledge of Algebra, Plane and Solid Geometry, Trigonometry and Analytic Geometry. A carefully graded course of experiments must be performed by each student. Kimball's College Physics; Ames and Bliss' Manual of Experiments.

## POLITICAL AND SOCIAL SCIENCES

B1.—*Economics* — The first and second terms are given to a survey of the principles of economics. During the third term, a study will be made of the bearing of these principles upon present day conditions.

Instruction will be given by lectures, assigned readings, reports and discussions. The text used is Taussig's Principles of Economics.

B2.—*Political Science*.—This course is a study of the government of the United States. The work begins with a study of the formation of the federal system of the United States; then the various departments are taken up in detail. State government is studied in the same way. During the spring term some of the leading forms of city government will be examined and their problems discussed. Instruction will be given by informal discussions, quizzes, assigned readings, and text-book study, with especial emphasis on the assigned readings. The American Commonwealth by Bryce will be used as a text.

B3.—*Business Law*.—This is a general course embracing the subjects of contracts, agency, sales of personal property and negotiable instruments. Especial attention is given to the study of contracts and agency. This course is intended to give the student a practical knowledge of the elementary principles of business law and to train him in the legal ethics of business. The work of the course will consist of the study of court decisions, class discussions and quizzes supplemented by lectures. Bay's Cases on Commercial Law is used as one of the texts.

B4.—*Sociology*.— This course is based on Ellwood's *Sociology and Modern Social Problems* and Ellwood's *Sociology in its Psychological Aspects*. Other authors as Ward, Ross, Henderson, Wright, Ellis, Ely, Dewey, Giddings, Small and probably others are investigated. Extensive reading, frequent reports and papers are required.

#### STUDENT LIFE

This course, given by various faculty members, is designed to introduce the new student to the meaning and function of the College and college life. It covers such topics as the curriculum in its cultural and vocational aspects, methods, schedules of study, note taking, use of the library, laboratories and museum, value of time, health and conduct, student activities, honors and prizes, student finances, the honor system and the system of advisers, etc. 1 hour. Required of Freshmen.

#### SPANISH

B1.—This course is intended to give a practical knowledge of Spanish grammar and ability to read ordinary Spanish literature. In general the amount of work required is the equivalent of that required in the first course of other modern languages.

#### THEOLOGY AND MISSIONS

The courses in Theology and Christian Missions from the Bible School may be chosen as electives for the B. A. or B. S. degree.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00	English B3 German B1 { Eng. Bib. B3 } { Eng. Bib. B4 } { Phil. B2 } { Ped. B4 } Lat. B1	Spanish B1 Greek B3	English B3 German B1 { Eng. Bib. B3 } { Eng. Bib. B4 } { Phil. B2 } { Ped. B4 } Latin B1	Spanish B1 Greek B3	English B3 German B1 { Eng. Bib. B3 } { Eng. Bib. B4 } { Phil. B2 } { Ped. B4 } Latin B1	Spanish B1 Greek B3
9:00	English B1 { Ped. B3 } { Ped. B2 } Math. B2 { P & S Sci. B3 } { P & S Sci. B2 }	{ Eng. Bib. B5 } { Eng. Bib. B2 } Student Life { Math. B3 } { Math. B4 } History B1	English B1 { Ped. B2 } { Ped. B3 } Math. B2 { P & S Sci. B3 } { P & S Sci. B2 }	{ Eng. Bib. B5 } { Eng. Bib. B2 } Student Life { Math. B3 } { Math. B4 } History B1	English B1 { Ped. B3 } { Ped. B2 } Math. B2 { P & S Sci. B3 } { P & S Sci. B2 }	{ Eng. Bib. B5 } { Eng. Bib. B2 } Student Life { Math. B3 } { Math. B4 } History B1
10:00	German B2 Theology Math. B1 { P & S Sci. B1 } { P & S Sci. B4 }	French B2 Ped. B2 Math. B1 English B2	German B2 Theology Math. B1 { P & S Sci. B1 } { P & S Sci. B4 }	French B2 Ped. B2 Math. B1 English B2	German B2 Theology Math. B1 { P & S Sci. B1 } { P & S Sci. B4 }	French B2 Ped. B2 Math. B1 English B2
11:00	German B3 Missions History B2 Ped. B1 Greek B2	French B1 English Bib. B1 Phil. B1 Greek B1	German B3 Missions History B2 Ped. B1 Greek B2	French B1 Eng. Bib. B1 Phil. B1 Greek B1	German B3 Missions History B2 Ped. B1 Greek B2	French B1 Eng. Bib. B1 Phil. B1 Greek B1
12:00	CHAPEL	CHAPEL	CHAPEL	CHAPEL	CHAPEL	CHAPEL
1:30	Chem. B1 Geol. B1	Chem. B2 Physics B1 Biology B1	Chem. B1 Geol. B1 Biology B2	Chem. B2 Physics B1 Biology B1	Biology B2 Geology B1	
2:30	Chem. B1 Geol. B1	Chem. B2 Physics B1 Biology B1	Chem. B1 Biology B2 Geol. B2	Chem. B2 Physics B1 Biology B1	Biology B2 Geology B1 Geology B2	
3:30	Chem. B1	Physics B1 Biology B1	Chem. B1 Biology B2	Physics B1 Biology B1	Biology B2	

Bracketed courses are offered in alternate years.

# Bible School

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**T**HE purpose of this school is to supply as fully as may be the needs of the different classes of students who wish to acquire a knowledge of the Bible either as a means of culture, or as a preparation for Christian work. The class work is made practical, and leads to a first-hand acquaintance with the Bible and its teachings.

## THEOLOGY COURSE

The course is arranged for those who desire a practical course of training in Biblical subjects. It is designed especially for Ministers, Pastors, Missionaries, Evangelists, and others who wish to devote their lives to the service of the Master. A College Preparatory Course of at least 14 units or its equivalent, is required for entrance.

Those who complete this course satisfactorily will be awarded the degree of Th. B. (Bachelor of Theology). Any who may not have the necessary units, or for any other reason may not be able to enter the course for the degree, may enter as special students, and, upon the satisfactory completion of the work, may receive a certificate in evidence of the work done, but are not eligible to the degree.

### FIRST YEAR

Old Testament History	New Testament History
Old Testament Exegesis	New Testament Exegesis
Expression	

### SECOND YEAR

Theology	Elementary Greek
Missions	Biblical Literature
Sociology	

### THIRD YEAR

Systematic Theology	New Testament Greek
Church History	Psychology
Religious Pedagogy	

## DESCRIPTION OF COURSES

*Old Testament History.*—This class will be expected to study carefully the entire historical part of the Old Testament in chronological order, with the Bible as the text-book.



For the geographical setting Hurlbut's Bible Atlas will be used. The great plan of Redemption, in its unfolding through God's teachings, will be a feature of the course.

*Old Testament Exegesis.*—This class will take up the prophetic and poetical books of the Bible, giving special attention to the prophecies in connection with their historical surroundings. Texts, the Bible and Hurlbut's Bible Atlas.

*New Testament History.*—This course will include a careful study of the lives and works of Christ, Paul, Peter, John and others of the apostles—a detailed historical and biographical study from the birth of Christ to the establishment of the Christian Church. Text, the Gospels and the Acts.

*New Testament History.*—The year will be given to a careful exegetical study of the New Testament text, including some of the parables and miracles of Christ. As many of the epistolary books as time will permit will be treated analytically and critically.

*Theology.*—In this course one term is given to each of the subjects, New Testament Theology, Old Testament Theology, and Pastoral Theology. In connection with the texts the separate books of the Bible are studied in the light of the most careful exegesis.

*Missions.*—During the first term of this course a study is made of the heathen religions in their relation to Christianity. This serves as a necessary background for the intelligent study of missions. The second term is devoted to the historical study of modern missions, especially during the nineteenth century. In the spring term the practical work of the mission field is presented, based chiefly on the Professor's notes and experiences.

*Biblical Literature.*—This course takes up a careful and extended study of some of the choice literary productions of the Bible, representing the different important types of literature. The works chosen will be examined minutely with reference to their structure and contents.

*Church History.*—A year's work in this subject, in which are traced the Church's struggles with heresy, ignorance, and bigotry, helps the student to appreciate more than ever his Bible with its blessed privileges. The work is presented by topics, by lecture, and by class-room conference.

*Systematic Theology.* — This course naturally and properly follows most of the others here outlined. It gathers the various doctrines of the Bible, elsewhere treated separately, and organizes them into a system. In this way a large and unified view of Biblical doctrine is secured.

*Elementary Greek.* — This course begins with a study by the Greek alphabet, paying special attention to pronunciation, inflection and syntax. White's first Greek Book is used and constant drill is given in translating English into Greek.

*Psychology.* — This course provides a thorough discussion of Psychology from its physiological, sociological and educational aspects. Considerable library work is required and extended papers on assigned topics are a necessary part of the work.

*New Testament Greek.* — This course requires a year's work in the Greek elements as a pre-requisite. A considerable portion of the New Testament is read during the session, beginning with the Gospel of St. John. Later the Epistles of Paul receive special attention.

#### SEMINARY COURSE

Arrangements have been made with the Bethany Bible School of Chicago, Ill., an institution under the direction of the Church of the Brethren, by which the work of each institution may be credited by the other. Graduates of Bridgewater College who have as much as forty-five term hours work in Psychology, Philosophy, Pedagogy, Sociology, and forty-five term hours in Church History, Theology, Homiletics, Missions, New Testament Greek and Sacred Literature, will receive two year's credit on the Seminary Course at Bethany. This will enable the student to receive the B. D. degree from the latter institution in two years after graduation from this College. On the other hand high school graduates who have completed the full seminary course in Bethany will be given two years' credit on the college course at Bridgewater College, thus enabling them to complete the college course and receive the B. A. degree in two more years. When this work has been satisfactorily completed Bethany Bible School will, upon recommendation of this institution, confer upon them the degree of Bachelor of Divinity.

## School of Music

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**T**HIS department provides fundamental training in the main branches of music. Besides bringing the pupil to a high degree of accomplishment, it prepares ladies and gentlemen for an active career in the profession of teaching music. No young lady's education is now complete without a knowledge of vocal and instrumental music. Leading educators believe that music is a necessary factor in aesthetic development. This need and demand we are prepared to meet.

The lessons for the reed organ, piano and voice culture are given privately. The methods used are the best ones the teachers in charge have been able to secure from the best sources. Vocal Music, Chorus Singing, Ear and Eye Culture, Harmony, Theory, Analysis, Counterpoint, History and Methods of Teaching are taught in classes of suitable number.

### MUSIC TEACHERS' COURSE

The Teachers' Course requires three years, and it is intended to qualify for a musical career in conducting and teaching in musical institutes, normals, schools, etc. The study of harmony, instrumental music, and voice culture in this course, is pursued from the beginning to the close. These prepare one to compose music, sing, or play in an artistic style.

*First Year.*—Chorus, Introductory Theory, Harmony, Piano or Organ, Voice Culture, Ear Training and Sight Reading.

*Second Year.*—Chorus, Harmony, History of Music, Piano or Organ, Voice Culture.

*Third Year.*—Chorus, Piano or Organ, Voice Culture, Harmonic Analysis, Methods and Directing Practice.

NOTE.—The studies in Piano required in this course are the same as those of the Elementary, Preparatory and Intermediate years of the Piano Course.

## THEORY

The following course in theory is required of those who complete the Music Teachers' or the Voice Culture Course.

*First Term.*—Introductory Theory; Beginning Musical Notation, Keys, Scales and Signatures, Intervals, etc.

*Second—Term.* Review of the first term, Harmony begun, Chord Connection and Simple Part-writing from given basses or sopranos.

*Third Term.*—The Chords of the Seventh, with Exercises in harmonizing sopranos and basses in open as well as closed position. Modulation begun. Illustrative examples and explanations of chord progressions and modulations required at the piano.

*Fourth Term.*—Harmonizing Melodies which modulate, no fingering being given. Exercises in Modulation at the piano, including transposition of various models into all keys. Advanced study in Secondary Seventh chords.

*Fifth Term.*—Chromatically Altered Chords, Enharmonic Changes, Modulation in General.

*Sixth Term.*—The Suspension, Retardation, Appoggiatura, Anticipation, Passign-tone, Embellishment, Pedal Point, Melodic figuration and accompaniment. The text-book is Lessons in Harmony, by Heacox and Lehman.

*Seventh Term.*—"Harmonic Analysis," by Cutter. Also a review of Harmony at the keyboard, the exercises being played instead of written.

*Eighth Term.*—Harmonic Analysis Completed.

The above course of theory, with two terms of Simple Counterpoint, will be required of those who complete the Piano Course. Text-book, Lehman's *Forty Lessons in Simple Counterpoint*.

## METHODS

Methods of teaching, and practice in directing are required of all those who complete the Teachers' Course. The work is taken up systematically, each pupil being required to teach a number of lessons before the whole class, who, with the teacher in charge, criticise his work. This practice is found very helpful to those who expect to teach in Public Schools, Normal Classes or other classes.

## HISTORY OF MUSIC

The course in History of Music is required of those who complete the Music Teachers' Course, Piano Course or the Voice Culture Course.

This course covers the entire history of the development of Music, from the Ancient Chinese, Japanese, Babylonian and Greek nations until the present, giving special attention to the music of the Christian era.

## PIANO COURSE

Elementary Year.—Handculture; National Graded Course I.; Schmitt-Faelten; Scales: Kohler Op. 157; Duvernoy Op. 176; Easy Pieces and Sonatinas from Kuhlau, Lichter and others; Introductory Theory; Harmony and Composition.

Preparatory Year.—Schmitt-Faelten; Scales; National Graded Courses II. and III.; Czerny's Selected Studies, Book I.; Melodious Studies from Heller. Pieces from Heller, Schumann, Hayden and some modern composers accompanying; Harmony and Composition; History of Music.

Intermediate Year.—Scales; Octaves and Arpeggios; National Graded Courses IV. and V.; Peter Silea; Studies by Cramer, Clementi; School of Velocity, Book II.; Czerny's; Bach's Two-part Inventions; Selections from Beethoven, Henslet, Brahms, Moszkowski, Chopin, etc.; accompanying; Harmonic Analysis.

Graduate Year.—National Graded Courses VI. and VII.; Bach's Three-part Inventions; Concertos from Weber, Liszt and Chopin; Sonatas from Beethoven; Concert selections, from Chopin, Mendelssohn, Rubinstein, Schubert, Liszt, etc.; Sight playing and accompanying; Simple Counterpoint.

For graduation in this course a high school preparation or its equivalent is required.

## VOICE CULTURE COURSE

It is through the power, quality and method of using the voice that the hearer is impressed. Singing, without a correct habit of breathing or method of tone-producing, is ruinous and leads to deformities of the muscles and often results in laryngeal troubles and diseases of the throat.

Inasmuch as it is somewhat difficult to outline a course for Voice Training and Art of Singing, no studies will be outlined here, but the needs of each student will receive careful attention, and studies given accordingly. No special method is followed, but the best is chosen from the different methods

## REMARKS

Students who pursue the Music Teachers' Course are required to complete Grammar, Arithmetic, English Language, and Elocution. In the third and fourth years of the Piano Course the student is required to take two literary courses each year chosen from the department of English, History, German or French; but no student shall take more than two literary studies at a time.

Diplomas are awarded to persons who complete satisfactorily the Piano Course. The Voice Culture and the Music Teachers' Course lead to certificate of graduation.

Candidates for diplomas in the Piano Course or the Voice Culture Course must perform successfully in public at least twice.

## MUSIC DEPARTMENT—EXPENSES

	Per Term
Chorus, daily .....	\$ 3.00
Organ, two lessons per week.....	11.50
Organ, one lesson per week.....	6.00
Piano, two lessons per week.....	16.00
Piano, one lesson per week.....	8.50
Voice Culture, two lessons per week.....	16.00
Violin, one lesson per week.....	8.50
History, Harmony or Analysis (outside any course), each.....	3.00

To persons who practice at home a reduction of 20 per cent is made from the above rates for Organ and Piano.

## Commercial School

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**T**HE purpose of this department is to prepare young men and women to conduct intelligently the affairs of the business world. A broad and practical training in business methods is necessary to the person who would most rapidly attain business success. Thousands fail annually through a lack of business training and as our rapidly increasing commercial interests continue to develop, the demand for well trained young men and women to take charge of the business of our country increases.

This school offers four courses: (1) The Business Course, consisting of the regular lines of training for business life; (2) A Two-year Business Course, consisting of a year's work in addition to the Business Course; (3) The Stenographic Course, intended for office helpers and amanuenses; (4) The Combined Business and Stenographic Course which may be either a combination of courses one and three or two and three.

Qualifications for Entering.—If a student is found deficient in any study he will receive special instruction until he is able to enter the regular classes, but will not be permitted to do so until he has the necessary preparation.

### BUSINESS COURSE

*First Term.*—Commercial Arithmetic, Bookkeeping, Grammar, Spelling, Penmanship, Letter Writing.

*Second Term.*—Rapid Calculation, Commercial Arithmetic, Bookkeeping, Grammar, Penmanship.

*Third Term.*—Rapid Calculation, Business Practice, Bookkeeping, Grammar, Penmanship.

### STENOGRAPHIC COURSE

*First Term.*—Shorthand, Typewriting, Grammar, Spelling, Penmanship, Letter Writing.

*Second Term.*— Shorthand, Typewriting, Grammar, Penmanship.

Third Term.—Shorthand, Typewriting, Grammar, office Practice.

TWO-YEAR BUSINESS COURSE

FIRST YEAR

Same as Business Course

SECOND YEAR

*First Term.*—Commercial Law, Economic History of the United States, Typewriting, Rhetoric.

*Second Term.*—Commercial Law, Economic History of the United States, Typewriting, Rhetoric.

*Third Term.*—Commercial Law, Commercial Geography, Typewriting, Rhetoric.

Economic History of the United States runs half the year and Commercial Geography the remainder of the time.

All students who desire to do so may substitute Agriculture for typewriting.

*Commercial Arithmetic.*—Particular attention is paid to those parts of arithmetic which are especially necessary to the business man. Not only are rules and principles taught, but what is infinitely more important, thorough drill is given in applying them with the greatest rapidity and accuracy.

*Bookkeeping.*—This constitutes the framework of the Business Course. In this department books are actually opened, conducted, and closed by the student. A great variety of business is represented and conducted by the most modern, most progressive and most approved methods. The student not only makes himself thoroughly acquainted with the science of accounts, but is drilled in the practical application of the principles of this science to the various forms of business in the commercial world.

*Spelling.*—Every college student ought to be able to spell all ordinary words correctly. As a matter of fact—let it be regretted—few are able to do so. Experience has shown us the importance of this subject, and, therefore, we lay great stress upon it. The standard for passing the subject is an examination grade of 90 per cent.



*Letter Writing.*—The business of this age being so largely conducted by letter, a knowledge of business correspondence is simply imperative, and a student cannot attach too much importance to this part of the work. Many a young man has failed to secure an important position on account of some blunder in his application, due to ignorance of this subject.

*Penmanship.*—Good penmanship is its own advertiser, wears its value on its face. A good handwriting often proves a stepping-stone to a lucrative position. Indeed, it is an indispensable aid to every one, whatever may be his position in society. We teach the most practical system of rapid writing. While students are divided into classes, they at the same time receive individual instruction. Particular attention is paid not only to form, movement, etc., but also to the correction of errors and the best way to avoid them. Special classes in ornamental writing, engrossing, flourishing, etc., are organized when applied for.

*Rapid Calculation.*—Students will be drilled to develop speed and accuracy in computation. Without these two elements a man is inefficient and seriously handicapped in the business world.

*Commercial Law.*—This is a general course running for a full year. The subjects of contracts, agency, sales of personal property, negotiable instruments, and insurance will be given special attention. It aims to give the student a practical knowledge of commercial law and to train him in the legal ethics of business.

*Commercial Geography.*—Scarcely any subject connected with commerce is more interesting than this. The acquisition of islands by our government, the extension of our trade, the competition between our gulf and eastern ports, and many other matters of commercial interest are attracting the attention of the business men of the entire country.

*Economic History of United States.*—A study of the natural resources of America, the colonial systems of land tenure, and the character of the early settlers will be followed by a survey of the industries of the United States. The economic forces that made for the success or failure of our industries will be pointed out. Bogart's *Economic History of the United States* and Coman's *Industrial History of the United States* are used as texts.

*Shorthand.*—The varied uses of Shorthand are so well known, and its benefits so fully recognized by business and professional men, that we deem it unnecessary to dwell at length on the importance of gaining a practical knowledge of the art.

We teach the Pitman System of phonography, using Dement's Pitmanic Shorthand and Eldridge's Dictation Exercises. The teacher in this department, however, introduces such contractions and expedients as she has found to be of advantage in actual practice.

*Typewriting.*—This, going hand-in-hand with shorthand, will receive its due share of attention. The commercial world is making stronger demands to-day for competent typewriters than ever before, hence the necessity of careful preparation to meet the demands. After the student has acquired good, accurate fingering, and has learned to manipulate the machine, he will have letters, speeches, court work etc., dictated to him, and will be instructed in making proper transcripts of his notes. The Touch System is taught. We use the Remington typewriters.

The time required to learn shorthand varies greatly with different students. It depends upon the attitude of the student, upon the efforts he put forth, and also upon his previous education and training. If he possesses average ability and industry he may possibly be prepared as an amanuensis in six months. Some take a year or more. Very few will be able to graduate in this course in less than three terms.

For an amanuensis diploma the student will be required to write from new matter at the rate of 90 words per minute and transcribe his notes on the typewriter at the rate of 30 words per minute.

If the student does not possess a satisfactory knowledge of penmanship, orthography, practical grammar, and correspondence, he will be required to study these subjects before entering this department.

Students who enter for the Shorthand and Typewriting Course will not be permitted to take studies outside the course except by the consent of the faculty.

Positions.—We aid our graduates in securing positions. The College has frequent applications each year for bookkeepers and amanuenses, and nearly always has more good positions waiting to be filled than it has students prepared to fill them. Any one who completes either course in a satisfactory manner is practically certain to secure a good position in a short time.

Typewriting alone (per month).....	\$1.50
Business Practice Entrance Fee (paid once).....	2.00



## Art

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**T**HE work in art provides instruction in form, proportion, light and shade, color and perspective. The course includes water color, charcoal, crayon, painting in oil, china decoration, etc. The work is individual, and the time given to it can be adapted to the requirements of the student.

There are also regularly organized classes in free-hand drawing, sketching from still life and from nature.

The Art Studio is a light, airy room, and is equipped with a good variety of models and samples of various kinds, easels and other needed furniture. A new kiln for the firing of china has recently been installed. Firing will be done for parties outside of the college when possible.

Exhibitions of the work done in this department are held at suitable times in the session, usually just before the holiday vacation and at commencement.

Art studio periods are two hours in length.

### EXPENSES

Per Term .....\$14.00

# Academy Courses

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**T**HE following preparatory courses, which have hitherto been offered are again inserted for the convenience of any who may be finishing these courses this year. After that they will be discontinued in this form.

## COLLEGE PREPARATORY COURSE

### FIRST YEAR

English A1  
Mathematics A1

Latin A1  
Science A1

### SECOND YEAR

English A2  
Mathematics A2

Latin A2  
Science A2

### THIRD YEAR

English A3  
Mathematics A3

History A1  
Elective

### FOURTH YEAR

English A4  
History A2

Elective  
Elective

## AGRICULTURAL COURSE

### FIRST YEAR

Advanced Grammar  
Algebra  
Commercial Geography

Physiology  
American History  
and Civics

### SECOND YEAR

Physical Geography  
Agriculture  
Farm Accounts

Plane Geometry  
Rhetoric

### THIRD YEAR

English Literature  
Physics  
German

Advanced Algebra  
Solid Geometry

# Athletics

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Bridgewater College fosters sports, both indoors and out of doors, encouraging as many as possible to participate in them. They are maintained, not for a few, but for all. Every safeguard is exercised to insure healthy, manly contests upon the highest moral plane. Baseball, basket ball, track, tennis and rugby are played at home, and under certain restrictions teams may leave the College for games with other educational institutions.

## ATHLETIC ORGANIZATION AND RULES

### THE ATHLETIC COUNCIL

The athletics of the College are under the direct supervision of the Athletic Council, which is composed of a member of the Board of Trustees, two members of the College faculty, two students of the College department, the Physical Director, and the President of the College, ex-officio.

The member of the Athletic Council from the Board of Trustees is chosen annually at the spring meeting of the Board for the following session. At this same meeting the President of the College nominates two members of the College faculty to be approved by said Board. The Athletic Association of the College chooses two members in the spring, one of whom shall be the Treasurer of the Association, to represent the student body.

The Board of Trustees and the College faculty reserve the right to veto the decisions of the Athletic Council.

All schedules of athletic games shall be submitted for approval to the Athletic Council before final arrangements are made for such games.

The Athletic Council may require a financial statement from the treasurer of the Athletic Association at any time. The Council shall also constitute the final auditing committee of all athletic accounts, and to the Council all items of large expenditure shall be referred for approval before such expenditure is authorized.

The Athletic Association may award monograms or numerals, subject to the approval of the Athletic Council.

For the violation of athletic rules the Athletic Council may depose any manager, stop or cancel any game or take any steps it deems necessary to promote clean athletics.

### GENERAL RULES

1. A physical examination shall be required of all students before participating in athletic sports.
2. The Physical Director shall have general supervision of all College athletics.

3. A leave of absence may be granted by the Athletic Council for contest games away from the College not to exceed four days during any session for the various teams.
4. No athletic teams shall leave the College without faculty escort approved by the Council.
5. No student shall be permitted to accompany athletic teams as a visitor, except by permission of the President of the College.
6. Members of teams and all students visiting out of town, except when in company or under control of parents or guardians, are subject to the regulations of the College.
7. Athletic teams shall not have contests elsewhere than upon College grounds with any teams, except those from other institutions of learning.
8. It shall be the duty of the Physical Director to arrange for the reception and entertainment of visiting teams. Visiting teams will always be expected to conform to the general regulations of the College.

#### ELIGIBILITY RULES

1. No one except a bona fide student in this institution, taking at least fifteen hours of work, shall be eligible to play on any athletic team.
2. To be eligible to any athletic team playing in the fall term, a student shall register within one week of the opening of the session.
3. No one who has not passed twelve hours work in the fall term shall be eligible to any team of the winter term, and no student shall be eligible to any team in the spring term, who has not passed twelve hours work in the fall and winter terms. Any student failing to do satisfactory work at any time may be required to withdraw from any team.
4. No student under twenty-one years of age shall be permitted to play in any contest game, or accompany the team away from the College except by written permission of his parent or guardian previously directed to the president of the College.
5. No one shall be allowed to play on, or have any official connection with, a team who uses tobacco in any form or who is under faculty censure of whose conduct is in any way objectionable.
6. No student shall receive compensation in any form from the faculty or any other source for participating in college athletics.
7. Before becoming a candidate for any athletic team, each student shall secure a certificate of eligibility from the Athletic Council.

# Register of Students---1915-16

## COLLEGE STUDENTS

Key—Figures denote year of course; G—graduate; S—special

Armentrout, Walter E.	(1)	Virginia
Rhetoric, B, Math. B1, Chem. B1, German B1, Latin B1		
Bowman, Anna A.	(G)	Tennessee
Literature B2, Piano, Voice		
Bowman, Iva M.	(1)	Virginia
Greek B1, Literature B2, Philos. B1, Hist. B3, Theology		
Bowman, Warren D.	(2)	Virginia
Literature B2, French B1, Geology B1, Math. B1, History B3		
Burns, John Hobart	(2)	Virginia
Chem. B1, Math. B1, German B1, Lit. B2, French B1		
Burns, Robert K.	(4)	Virginia
Philos. B1, Geol. B1, Ped. B1, Geol. B2, German B2		
Carr, Charles E.	(2)	Virginia
Rhet. B, Ped. B2, Math. B1, German B2, Eng. Bible, B1		
Chambers, Linnie	(1)	District of Columbia
Rhetoric B, French B1, History of Music, Piano		
Click, Cora C.	(1)	Virginia
Pedagogy B1, French B1, English A4, Pedagogy B2		
Cline, Alda B.	(G)	Virginia
Latin B1, Literature B2		
Cline, Pearl V.	(2)	Virginia
Math. B2, Physics B, History B3, French B1, Ped. B2		
Cline, Willie B.	(1)	Virginia
History A2, Latin A2, Math. B1, Ped. B, Eng. A3		
Crider, David R.	(3)	West Virginia
German B1, Lit. B2, History B3, Ped. B2, Geol. B1		
Driver, Charles S.	(5)	Virginia
Lit. B2, French B1, Geol. B1, Ped. B2, German B2		
Driver, Earl B.	(2)	Virginia
Math. B1, Lit. B2, Rhet. B, Chem. B1, Latin A2		
Early, George A.	(3)	Virginia
Ger. B, Greek B1, Chem. B1, Math. B2, Lit. B2		
Early, Lenora E.	(S)	Virginia
German B2, Piano		
Flohr, Earl W.	(4)	Virginia
Math. B2, Math. B3, Ped. B2, French B, Hist. B3, Math. B5		



Flory, Bryon M.	(3)	Virginia
		Lit. B2, Greek B, Philos. B1, Hist. B3, Ped. B2
Flory, Lillie Katherine	(3)	Virginia
		Geol. B1, Ped. B1, Math. B2, Hist. B3, Lit. B2
Flory, Olive M.	(1)	Virginia
		Ped. B1, Ped. B, Lit. B, Math. A3, Ped. B2
Garber, Meda M.	(1)	Virginia
		Eng. Bible B1, Ped. B1, Eng. A4, Sci. A3, Ped. B
Garst, Stella F.	(1)	Virginia
		German B, Pedagogy B, Pedagogy B2, Art
Glick, Mattie V.	(S)	Virginia
		Literature B2, Pedagogy B1, Theology, Voice
Good, Carter V.	(2)	Virginia
		Greek B2, Rhet. B, Latin B1, Physics B1, Math. B1
Good, Dwight I.	(2)	Virginia
		Chemistry B1, Greek B2, Latin B1, Rhet. B, Math. B1
Good, Edna E.	(1)	Virginia
		Literature B, Com. Law, Man. Tr., Bookkeeping
Harmstead, Peter E.	(2)	West Virginia
		Math. B1, Chem. B1, Geol. B1, Lit. B2, History B3
Harvey, Allen S.	(1)	Virginia
		Pedagogy B1, German B1, Pedagogy B, Latin A2
Heatwole, Lelia B.	(1)	Virginia
		Greek B3, History B3, Math. A3, Ped. B2, Latin A2
Hesse, Clarence G.	(3)	West Virginia
		Hist. B3, Philos. B1, Geol. B1, Greek B3, Lit. B2
Holsinger, Amos S. A.	(2)	Virginia
		Literature B, German B2, History B3, Eng. Bible B3
Hounsshell, Paul	(1)	Virginia
		German B1, French B, Rhet. B, Math. B1, Chem. B1
Kramer, John D.	(1)	Virginia
		French B1, German B1, Rhet. B, Chem. B1, Math. B1
Leatherman, Lena R.	(3)	Virginia
		Greek B3, Mathematics B2
Leatherman, Vida N.	(3)	Virginia
		Hist. B3, Eng. Bible B1, Greek B3, Eng. Bible B2
Miller, Blanch O.	(1)	Virginia
		Ped. B, Ped. B1, French B1, English A4, Ped. B2
Miller, Delphia M.	(1)	Virginia
		Ped. B2, Ped. B1, French B, Math. A3, Manual Training
Miller, Dewitt H.	(3)	Virginia
		Chem. B1, Greek B1, Philos. B1, French B, Theol.
Miller, E. Dewitt	(2)	Virginia
		German B, Geol. B1, Lit. B2, Ped. B2, Math. B1
Miller, Edna	(1)	Virginia
		Ped. B1, Ped. B2, Math. A3, Eng. A4, Ped. B

- Miller, Ella E. (G).....Virginia  
English Bible B1, Theology, Manual Training
- Miller, Lora A. (1).....Virginia  
Pedagogy B, Eng. Bible B1, Math. B1
- Miller, Mattie A. (1).....Virginia  
German B, Ped. B2, Piano, Math. A3, Manual Training
- Miller, Omega L. (1).....Virginia  
Rhet. B, Math. B1, Ger. B, Chem. B1, French B
- Miller, Ward B. (3).....Virginia  
Ger. B1, Math. B3, Rhet. B, Physics B1, Hist. B3
- Millican, Mary S. (1).....Virginia  
French B1, Ger. B, Hist. B3, Latin B1, Math. B1
- Mottern, Horace E. (1).....Tennessee  
Rhetoric B, Ped. B, Ped. B2, Math. B1, Eng. A4
- Myers, John T. (1).....Virginia  
German B1, Ped. B1, Rhet. B, Chem. B1, Math. A3
- Nesselrodt, Grace L. (1).....Virginia  
German B1, Math. B1, Ped. B1, Geol. B1, Lit. B
- Nolley, William Davis (1).....Virginia  
Ped. B1, Eng. Bible B1, Eng. Bible B3, Theol., Bib. Lit.
- Price, Howard L. (3).....Illinois  
Math. B2, Math. B3, Physics B1, Ger. B2, Ped. B
- Roller, Charles W. (S).....Virginia  
German B1
- Sanger, Lina E. (4).....Virginia  
Geology B2, Pedagogy B1
- Seese, Norman A. (G).....Virginia  
Geol. B2, Math. B3, Polit. Sci. B
- Shipman, Nora F. (3).....Virginia  
Geol. B1, French B1, Hist. B3, Rhet. B, Lit. B2, Math. B1
- Simmons, William Berlin (2).....West Virginia  
German B1, Ped. B2, Lit. B2, French B1, Math. A3
- Sipe, Ethel V. (1).....Virginia  
French B, Philos. B1, Geol. B1, Lit. B, Hist. B3
- Sipe, Minnie N. (1).....Virginia  
French B, Geol. B1, Literature B, Piano
- Snyder, William C. (2).....Virginia  
Math. B1, Ped. B, German B1, French B, Ped. B1
- Strayer, Ord L. (1).....New York  
Geol. B1, Ped. B2, Ger. B1, Math. B1, Lit. B
- Strickler, Harry O. (1).....Virginia  
German B1, Rhet. B, Math. B1, Lit. B, Hist. B3
- Thomas, Minor W. (4).....Virginia  
Math. B5, Geol. B2, Philos. B1, Hist. B3, French B
- Varner, W. Brown (2).....West Virginia  
Greek B1, Math. B1, Philos. B1, Lit. B2, Ger. B1

Wakeman, Henry Early (1).....	Virginia
Ped. B1, Chem. B1, Math. B1, Ger. B1, Rhet. B	
Walter, Gay Ola (1).....	Virginia
Ped. B, Ped. B2, Eng. A4, Math. A3, Sci. A3	
Wiseman, Bertie A. (1).....	Virginia
Ped. B2, Lit. B1, Ped. B1, Eng. A4, Math. A3	
Wright, Charles C. (3).....	Virginia
German B1, Chem. B1, Literature B2	
Wright, David H. (1).....	Virginia
Ped. B2, Ped. B, Theol., Math. A3, Eng. A4	
Yager, James Aubrey (1).....	Virginia
German B, Chemistry B, Literature B, Eng. Bible B1	
Zigler, Michael J. (4).....	Virginia
Lit. B2, Math. B1, Geol. B1, Ped. B2, Hist. B3, Theol.	
Zigler, M. Robert (4).....	Virginia
Lit. B2, Chem. B1, Hist. B3, Ger. B1, Ped. B2	

## PREPARATORY

Bowman, Martin L. ....	Virginia
Bowman, Otto Pendleton ...	Virginia
Bowman, Oscar F. ....	Virginia
Cassell, Frank W. ....	West Virginia
Clark, Oscar C. ....	Virginia
Cline, Fay S. ....	Virginia
Cline, Frank ....	Virginia
Coyner, Roscoe A. F. ....	Virginia
Craun, Marion J. ....	Virginia
Dovel, Frances Marie ....	Virginia
Dyer, Edward Foster ....	West Virginia
Dyer, William R. ....	West Virginia
Folks, Wm. Bryan ....	Virginia
Foltz, Irvin ....	Virginia
Foltz, Elby A. ....	Virginia
Funkhouser, Ethel L.....	Virginia
Funkhouser, Ozias ....	Virginia
Garber, Florence ....	Virginia
Garber, Martin Gilmer ....	Virginia
Garber, Paul N. ....	Virginia
Garber, Wilmer D. ....	Virginia
Gibbons, Hugh O. ....	Oklahoma
Harman, Raymond L. ....	West Virginia
Hogshead, Raymond C. ....	Virginia
Kagey, Joseph N. ....	Virginia
Kagey, Winnie ....	Virginia
Karicofe, Edgar S. ....	Virginia

Leonard, Floyd L. ....	Virginia
Marye, Wm. Staige.....	Virginia
Maupin, Nettie A. ....	Virginia
McAvoy, Esther A. ....	West Virginia
McCann, Henry G. ....	Virginia
Miller, Barbara J. ....	Virginia
Miller, Carrie F. ....	Virginia
Miller, Earl W. ....	Virginia
Miller, Flossie M. ....	Virginia
Miller, Hubert ....	Virginia
Miller, Joseph H. ....	Virginia
Miller, LeRoy C. ....	Virginia
Miller, Lewis D. ....	Virginia
Miller, Ralph L. ....	Virginia
Miller, Sarah E. ....	Virginia
Miller, Vada E. ....	Virginia
Modisett, Augustus M. ....	Virginia
Myers, Galen B. ....	Virginia
Neff, Ada Mae.....	Virginia
Neff, Jannie Bird ....	Virginia
Pence, Effie M. ....	Virginia
Pence, Elizabeth F. ....	Virginia
Phillips, Edith A. ....	Virginia
Rusmisel, Edgar ....	Virginia
Sanger, D. Earl.....	Virginia
Sanger, Paul B. ....	Virginia
Senger, Merl ....	Virginia
Simmons, Dorothy B. ....	Virginia
Stickley, Samuel C. ....	Virginia
Stultz, Leota E. ....	West Virginia
Thomas, Annie F. ....	Virginia
Thomas, Bertha B. ....	Virginia
Vehrencamp, Elmer L. ....	Virginia
Wampler, Everet L. ....	Virginia
Zigler, Elizabeth L. ....	Virginia

## BIBLE SCHOOL.

Bucklew, Daniel W. ....	Virginia
Cline, Minor J. ....	Virginia
Coffman, Ernest S. ....	Virginia
Craun, Benjamin H. ....	Virginia
Driver, John L. ....	Virginia
Garber, Daniel B. ....	Virginia
Hartman, Walter W.....	Virginia

Huffman, John D. ....	Virginia
Leatherman, Vida N. ....	Virginia
McLaughlin, Nannie ....	Virginia
Miller, Benjamin O. ....	Virginia
Nolley, Wm. Davis ....	Virginia
Sanders, Henry C. ....	West Virginia
Zigler, Jacob D. ....	Virginia

## SCHOOL OF MUSIC

Bane, Margaret E. ....	West Virginia
Chambers, Linnie ....	District of Columbia
Cline, Hazel H. ....	Virginia
Coffman, Bessie P. ....	Virginia
Cupp, Alma F. ....	Virginia
Dickenson, Myrtle L. ....	West Virginia
Dinkle, Bessie ....	Virginia
Driver, Ethel ....	Virginia
Dyer, Mary G. ....	West Virginia
Dreizler, Wm. W. ....	Pennsylvania
Early, Carrie B. ....	Virginia
Early, Lenora E. ....	Virginia
Lambert, F. Marie ....	Virginia
Leatherman, Vida N. ....	Virginia
McCann, Mary ....	Virginia
Pennington, Rebecca Grace ....	Virginia
Rodeffer, Edna F. ....	Virginia
Sanger, Sylvia B. ....	Virginia
Senger, Ruth R. ....	Virginia
Shaffer, Pearl Z. ....	Virginia
Shull, Julian ....	Virginia
Simmons, Rachel F. ....	West Virginia
Wright, Annie Z. ....	Virginia

## COMMERCIAL

Bosserman, Joseph A. ....	Virginia
Borden, Howard T. ....	Virginia
Cline, Effie V. ....	Virginia
Cline, Ray S. ....	Virginia
Flory, Galen D. ....	Virginia
Flory, Mary F. ....	Virginia
Hess, Albert ....	Virginia
Hounshell, William S. ....	Virginia
Huffman, Minnie F. ....	Virginia
Kersh, Edgar A. ....	Virginia

Kiser, Nola .....	West Virginia
Kline, Roy F. ....	Virginia
Miller, William D. ....	Virginia
Myers, Dessie F. ....	Virginia
Rexrode, Bertha J. ....	West Virginia
Riddell, Roxie V. R. ....	Virginia
Thomas, Leonard A. ....	Virginia
Wright, Edward W. ....	Virginia

## ART

Armentrout, Aubrey W. ....	Virginia
Cline, Grace R. ....	Virginia
Flory, Mary F. ....	Virginia
Shoemaker, Lucile .....	Virginia
Thomas, Eva .....	Virginia

## SUMMARY

	Men	Women	Total
College	42	30	72
Preparatory	40	22	62
Bible	12	2	14
Music	2	21	23
Commercial	11	7	18
Art	1	4	5
	<hr/>	<hr/>	<hr/>
Totals	108	86	194

Enrolled in more than one department.....	4
Total number of different students.....	190

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