1894

The Annual Catalogue of Butler University, 1893 -94

Butler University

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THE ANNUAL CATALOGUE
OF
BUTLER UNIVERSITY
Irvington, Indiana,
FOR THE
THIRTY-NINTH SESSION,
1893-'94
WITH ANNOUNCEMENTS FOR 1894-'95.

INDIANAPOLIS:
CARLON & HOLLENBECK, PRINTERS.
1894.
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COLLEGE CALENDAR.

1894-'95.

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FALL TERM.

September 5. Wednesday. Entrance Examinations.
September 6. Thursday. Registration of Students.
September 7. Friday. Assignment of work.
September 8. Saturday. Instruction begins.
October 10. Wednesday. Quarterly Meeting Board Directors.
November 15. Thursday. Junior Class Prize Orations.
November 28. Wednesday. Fall Term ends.

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WINTER TERM.

December 4. Tuesday. Registration of Students.
December 5. Wednesday. Instruction begins.
December 11. Tuesday. Oratorical Primary Contest.
December 22. Saturday. Subjects of Theses for Degrees announced.
March 7. Thursday. Term Examinations begin.
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BOARD OF DIRECTORS.

Elected June, 1891.

ADDISON F. ARMSTRONG ........................................ Kokomo, IND.
ALONZO M. ATKINSON ........................................ Wabash, "
BARZILLAI M. BLOUNT, A. M .................................. Irvington, "
URBAN C. BREWER ........................................... Danville, "
HILTON U. BROWN, A. M ....................................... Indianapolis, "
CHAUNCY BUTLER, A. B ....................................... "
HOWARD CALE, A. M ........................................... "
SIMEON FRAZIER ............................................... Irvington, "
JOSEPH I. IRWIN ............................................. Columbus, "
PATRICK H. JAMESON, M. D .................................. Indianapolis, "
JOHN C. MILLER, A. M ...................................... Nineveh, "
WILLIAM MULLENDORE, A. B ................................ Somerset, Pa.
MARSHALL T. REEVES ......................................... Columbus, IND.
CHARLES E. THORNTON, A. B ................................ Indianapolis, "

STANDING COMMITTEES.

On Finance and Auditing,

P. H. JAMESON, B. M. BLOUNT, JOS. I. IRWIN.
CHAUNCY BUTLER, B. M. BLOUNT, HUGH T. MILLER, HOWARD CALE,
On Buildings, Grounds and Real Estate,

B. M. BLOUNT, U. C. BREWER, H. U. BROWN, D. C. BROWN.
CHAUNCY BUTLER, CHAUNCY BUTLER, S. FRAZIER, SCOT BUTLER.

On Library, Apparatus and Cabinet,

B. M. BLOUNT, U. C. BREWER, H. U. BROWN, D. C. BROWN.

On Judiciary and Claims,

A. F. ARMSTRONG, M. T. REEVES.

On Faculty, Salaries and Condition of Schools,

J. C. MILLER, HOWARD CALE, H. U. BROWN.

On Boarding Hall,

B. M. BLOUNT, CHAUNCY BUTLER, S. FRAZIER, SCOT BUTLER.

A. F. ARMSTRONG

OFFICERS OF THE BOARD.

President, Wabash, IND.

A. M. ATKINSON .............................................. "

Secretary, Irvington, "

SIMEON FRAZIER .............................................. "

Treasurer, "

SCOT BUTLER ................................................... "
FACULTY.

Scot Butler, A. M., President,
Professor of Latin Language and Literature.

Allen R. Benton, LL. D.,
Professor of Philosophy and Biblical Literature.

William M. Thrasher, A. M.,
Professor of Mathematics.

Hugh C. Garvin, A. M.,
Professor of Biblical Philology.

Demarchus C. Brown, A. M.,
Anderson Professor of Greek Language and Literature.

Demia Butler Professor of English Literature.

Thomas M. Iden, Ph. M.,
Professor of Chemistry and Physics.

Thomas C. Howe, A. M.,
Armstrong Professor of Germanic Languages.

Hugh Th. Miller, A. B.,
Professor of History and French.

Henry L. Bruner, A. M.,
Professor of Biology and Geology.

Archibald M. Hall, A. M., Ph. D.,
Instructor in Hebrew.

Frank F. Hutchins, M. D.,
Demonstrator of Anatomy.

John D. Nichols, A. M., M. D.,
Instructor in Materia Medica and Therapeutics.
FACULTY.

J. M. Dungan,
Director of the Department of Music.

Henry T. Mann, B. S.,
Director of Physical Culture.

Lida E. Gilbert,
Teacher of Elocution and Director of Physical Culture for Women.

Jennie A. Howe, A. B.,
Assistant Instructor in German.

Georgia E. Butler, A. B.,
Assistant Instructor in Latin.

Charles E. Stevens,
Assistant Instructor in German.

BURGESS HALL PREPARATORY SCHOOL.

Omar Wilson, A. B.,
Principal.

Mary E. Wilson,
Henry T. Mann, B. S.,
Eva M. Jeffries, A. B.,
Assistants.

D. C. Brown, Librarian.

Elizabeth D. Layman, Assistant Librarian.

Superintendent Boarding Hall—P. O. Updegraff.
ORGANIZATION.

HISTORICAL SKETCH.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at $100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was deter-
mined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution was made February 28, 1877, after full deliberation by the Board of Directors. This change does not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

**Directorship.**

The general control of the affairs of the corporation is vested in a Board of Directors, consisting of fifteen members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the University, at 2 o'clock p. m. of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The
members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1894.

Present Financial Condition.

The financial resources of the institution are ample for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the University are in the hands of a Board of Directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The University is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will remain with it and provide for its continued development. The books of the corporation still remain open for subscriptions to stock.

Educational Purpose.

The paramount purpose of the founders of the University was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and
forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

Religious Influences.

The purpose of the founders of the University, as expressed in its act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all undergraduate courses of study, and besides this general instruction, which is intended for all students, a theological department is conducted for the benefit of intending ministers of the gospel, which see on another page. Attendance at daily morning prayers in the college chapel and at services on Lord's day is compulsory. The University has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and aesthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

Higher Education of Women.

From the first opening of the University women have been admitted on the same terms as men. No
special courses of study are provided for them, they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted on the idea that men and women are just alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in College they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance at the University shall have the benefit of such supervision.

Facilities for Self-Support by Students.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless many young men studying for the ministry here support themselves either wholly or in part
by preaching in neighboring towns. All parts of the state are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

PECUNIARY ASSISTANCE TO STUDENTS.

Frequent letters come to the office of the University from young persons desirous of obtaining an education inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money in affording assistance to deserving young men and women is not to be estimated. In behalf of those young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.
ORGANIZATION.

Christian Associations.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and professors for the promotion of religious culture and for Christian work in College. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, board, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

Butler Collegian.

At the close of each college session, material for the editorial staff of The Collegian is chosen from among the classes of the University as follows: from the Fresh-
man class, two members; from the Sophomore, three; and from the Junior, four. The body, thus chosen, organizes by selecting from its number an editor-in-chief and business manager. The chief editor then assigns the associate editors to their proper places. For the past year, the editorial staff of The Collegian has been as follows:

Anna Charlotte Stover, '94, Editor-in-Chief.
C. W. Culbertson, '96, Assistant.
E. H. Burford, '97,

ASSOCIATE EDITORS.
Edith D. Surbey, '94.
C. A. Riley, '94.
Rose Elliott, '94.
Mary Bemis Galvin, '94.
J. B. Williams, '96.
H. Nell Brevoort, '95.
Edgar Forsyth, '95.
Rose McNeal, '95.
Letitia Newcomb, '91.

The Collegian is furnished to all students of the University on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

OTHER STUDENT ORGANIZATIONS.

Among the voluntary student associations connected with the College may be mentioned the literary societies, an oratorical association, consisting of those interested in the State and the Inter-state oratorical contests, an athletic association for the promotion of field sports—foot-ball and base-ball, etc. All these are use-
ful in their several ways and add much to the interest of college life. The literary societies have been the means of much good in the past. They are accommodated with well-furnished and attractive rooms. They hold weekly meetings at which their members present essays, orations and discussions and become familiar with parliamentary rules.

**Oratorical Association.**

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually, near the close of the second term, to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the college at the State contest, held on the second Friday in March, at Indianapolis. If the contestant be successful there he represents the State of Indiana in the Inter-state contest, composed of ten western states. The work done in this department has proved very beneficial to those who take part, as well as an advancement of interest in oratory in the college.
The representative of the College this year (1894) was Miss Georgia Galvin. The officers of the association are: President, John E. Hollett; vice-president, Miss Brevoort; secretary, Miss McNeal; treasurer, Jesse Williams.

The Athletic Association.

The University has a regularly organized athletic association for the promotion of foot-ball, base-ball, tennis and other field sports. Any professor, alumnus, or student of the University may become a member of the association by subscribing to the constitution and paying the membership fee of seventy-five cents per year.

Each department of athletics is governed by a manager who is elected by the association. An advisory board of athletic control, consisting of the president, vice-president and secretary of the association, and two members of the faculty, who are chosen by that body, have the general supervision and control of the athletic interests of the institution. An annual field day is held each spring, the events including all kinds of track and field athletics. There are also two tennis tournaments each year, one in the spring and one in the fall term, the winner of the fall tournament playing the winner of the spring tournament for the medal which is worn by the victor until the following spring. All members of teams and all contestants in athletic games and tennis tournaments of the association must be members of the association.
ORGANIZATION.

The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn Tennis Association govern the contests.

The present officers of the association are: John S. Butler, president; Ed E. Parker, vice-president; Merle Sidener, secretary and treasurer. The two members of the faculty on the advisory board of athletic control are, Prof. Demarchus C. Brown and Prof. Hugh Th. Miller.

GYMNASIUM PRACTICE.

Regular exercise in gymnastics is provided as a means of health and is supervised by a competent instructor. This exercise is required of students of the lower classes but is optional with Seniors. It is entered into with much enthusiasm by the students, and is found highly beneficial to them.

LITERARY AND MUSICAL ADVANTAGES.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.
ORGANIZATION.

POPULAR LECTURES.

A marked feature of the past college year has been the Monday morning lectures in chapel, given for the most part by representative public men of Indianapolis. These friends, being interested in young people and in college work, have addressed the students on popular and practical themes, and their talks and addresses have excited lively interest, and have been found in many ways helpful, relieving the monotony of college life and suggesting fresh subjects of thought. The following is a partial list of the friends who have thus favored the college during the past year:

Rev. G. L. Mackintosh, Pastor Fourth Presbyterian Church.

Rev. D. R. Lucas, Pastor Central Christian Church.
Superintendent Lewis H. Jones, City Schools.
Rev. Matthias L. Haines, Pastor First Presbyterian Church.

Mrs. May Wright Sewall, Indianapolis Girls' Classical School.

Mme. Hanni Korani, Bei Rût, Syria.
Rev. J. H. Garrison, Editor Christian Evangelist, St. Louis, Mo.

Hon. W. P. Fishback.
Superintendent R. O. Johnson, Indiana Institute for Deaf and Dumb.

Samuel Merrill, ex-U. S. Consul-General to India.
Superintendent E. E. Griffith, Indiana Institute for the Blind.
ORGANIZATION.

Hon. John A. Finch.
Gov. Claude Matthews.
Meredith Nicholson.

OPTIONAL AND SPECIAL STUDIES.

Students not candidates for a degree may pursue an optional course, provided their proficiency is equivalent to that required of students admitted to one of the general courses. Special students of approved character, maturity and attainments are admitted for a limited period without examination on recommendation of some member of the faculty under whom a large part of their work is to be taken. It is desired, however, that it be distinctly understood that for the two classes of students herein named special arrangements as to terms and subjects can not be made. Such students must in all cases adapt themselves to the arrangements provided for students pursuing regular courses of study.

GRADUATE STUDENTS.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers advanced degrees under conditions described elsewhere. Graduate students who are not candidates for a degree are also received.
Memorial Gifts.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of $20,000 to $30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of $1,000 to $5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.
LOCATION AND BUILDINGS.

Location.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, from which city it is distant four miles, and with which it is connected by two railroads—the Pittsburgh, Cincinnati and St. Louis and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every thirteen minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the state within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.
LOCATION AND BUILDINGS.

College Building.

The main college building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity; and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

Burgess Hall.

This building, named in honor of the late President O. A. Burgess, is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, a large chapel, two music rooms and the library and reading rooms. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory Department are now taught in this building, by experienced educators, and, under the present efficient organization, superior advantages are offered to students preparing for college.

Astronomical Observatory.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its
construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the firm from which it emanated. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

Boarding Hall for Women Students.

This is a tastefully and substantially constructed brick building, three stories high, containing large par-
lors, spacious dining room, wide halls and thirty well ventilated rooms for young women. It is provided throughout with steam heat and electric lights. The entire building has been refitted and handsomely refurnished throughout. Young women here find a comfortable home, with pleasant surroundings and Christian influences, at a moderate price. They are expected to avail themselves of this opportunity. Especial attention is given in case of sickness. Everything necessary is furnished except napkins and towels. Price of board and room ranges from $3 to $3.50 per week, according to location of room.

**Board for Young Men.**

Young men lodging elsewhere may take their meals at the Hall. Table board will be furnished at $2.50 per week. For further information, address the Superintendent.

**Library.**

The University library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with all the more important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for spe-
Location and Buildings.

The reading room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading room are open alike to all classes of students in the University.

Museum.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National Museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.


3. A contribution of marine fishes received from the United States National Museum.

4. A collection of reptiles and amphibians made by Dr. Hay.

5. A large collection of representative minerals.

6. A collection of land, fresh-water and marine shells, including about four thousand specimens.
7. A considerable number of aboriginal stone implements from the United States.


Contributions have recently been received from the following: C. E. Garst, Shonai, Japan; J. C. Smith, Irvington, Ind.; M. A. Collins, Indianapolis; E. L. Roberts, Texas; Ira B. Shrade, Jeffersonville, Ind.

The National Museum has also presented a valuable collection of marine invertebrates from the Atlantic, Gulf and Pacific coasts, including one hundred and thirty species.

During the past year the museum has been moved from the main building to Burgess Hall, where it occupies the old gymnasium room on the third floor. A number of new cases have been built, which will furnish better accommodations for the material on hand, and make room for additions. It is hoped that our friends will assist in increasing the collection as they may be able to do so.

Chemical Laboratory.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. No charge is made for the use of
chemicals, but students will be required to pay for all apparatus actually broken or injured.

The new laboratory is in Burgess Hall. It is larger and much better equipped than the old one. It has accommodations for forty students.

**Biological Laboratory.**

The laboratory is well equipped to meet the demands of recent Biological teaching. Students are assigned permanent desks and are provided with all the materials, reagents and instruments used in this work excepting a case of instruments, pencils, paper, etc. No laboratory fees are charged, but the student is expected to pay for slides and covers used, and for broken or injured apparatus.

Among recent additions to the equipment may be mentioned six Reichert microscopes, which, with those already on hand, make a total of fifteen instruments.

**The Gymnasium Building.**

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from
which all the buildings obtain their heat and the engine-room its power for generating the electric light. Everything connected with this new heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall 35 feet wide by 58 feet long and 18 feet deep, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.
DEPARTMENTS OF INSTRUCTION.

THE BIBLE.

The educational purposes of the University, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which the institution is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be not sectarian nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by carefully prepared lectures, students being required to study with care those portions of Scripture embraced in the lectures.

The scope of the work attempted in Bible instruction may be indicated by the following outline: (1) In the Old Testament: the Pentateuch, Joshua, Judges, the books of Samuel and other selected portions. (2) In the New Testament: the Gospels, the Book of Acts, the Epistles. In the study of the Gospels it is the aim to present a connected view of the events of the life of Christ in their orderly development, and also a compre-
hensive outline of His teaching. The study of the Book of Acts familiarizes the student with the establishment and growth of the church in the Apostolic age. The Epistles are taught by giving an introductory account of the purposes for which each epistle was written, and one epistle, usually the Roman letter, is made the subject of careful study, by analyzing its contents and its course of reasoning.

PHILOSOPHY.

Psychology.—Instruction is given by lectures and textbook. The lectures are designed to introduce new topics not treated in the text or to give more ample discussion to subjects but partially treated by the author. Class discussions are encouraged, and essays on selected subjects are required. The University library is well supplied with the best authors on this subject.

Logic.—The laws of pure thought are carefully analyzed, the principles of deductive and inductive reasoning fully explained; and almost daily praxis in application of the principles and methods of the science; thus the student gains a quick perception of relations and a ready application of principles to any form of thought.

History of Philosophy.—A full outline of the subject and the progress of philosophical thought is given in a course of lectures covering the period from the origin of philosophy in Greece to the time of the Reformation, and introducing the student to the essential principles of the French, German, English and Scotch schools of philosophy, with criticism on their validity and their
value. Each student is assigned a subject for investigation and is required to present a thesis to be read before the class.

Civics.

The purpose of this department of instruction is to give to students preparing for business life or for the legal profession such practical and disciplinary studies as shall form a fitting introduction to more advanced professional study. The following will serve to indicate the scope of the work offered, which is carried on through two years:

Political Economy in such works as Walker's or Ely's, with constant reference to social questions.

American Government, the study of our government through its periods of the colonies, continental congress, confederation, and establishment of our present constitution will be presented in lectures, after which a careful analysis of the Constitution of the United States is made.

International Law is studied in such works as Woolsey's or Gallaudet's with such references to larger works as time will permit.

Roman Law, its origin, its growth and its fundamental principles.

The Feudal System, its rise and decline and the establishment of European monarchies.

Ancient Law, philosophy of forms and principles will be discussed. Reference to such works as those of Sir Henry Maine, Montesquieu and Coulanges.
MATHEMATICS.

This department aims to secure (1) general intellectual discipline, and (2) the particular training and knowledge necessary for the needs of life and possible future mathematical work.

To secure the first result the student, while pursuing any branch, will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with the authority for statements made. Terms and processes will be classified, when possible, both for disciplinary and mnemonic reasons, both principles and formulæ being thus appropriately disposed, ready for instant use.

The utility of principles, both for general explanation and solution of specific problems, will be illustrated by numerous original examples.

The future needs of the student in higher and special mathematical work will be, so far as possible, provided for by a continued recurrence to those principles in the lower mathematics which have the widest application in after work.

The possible elections of the last three years of the course will, it is hoped, lay an excellent foundation for any higher study in mathematical lines to which the student may be inclined.

For advanced work in Algebra, Analytics, Functions, Modern Algebra and Geometry, Mechanics, Determinants, Astronomy, etc., the college library is well
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equipped with the best books of reference in the English, French and German languages.

LATIN.

The aim of the work in Latin is:

(1) To teach the student of fair ability and industry to read Latin understandingly and rapidly. In order to the attainment of this end, during the earlier part of the course special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The principal part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors. Latin composition is practiced as a means, experience having shown it to be the most effective, for gaining an insight into the structure, idiom and spirit of the language.

(2) To make the student acquainted with the literature of the language. This is accomplished by reading considerable portions of the more important authors and by the formal study of the history of Roman literature.

(3) To afford opportunity for acquaintance with Roman public and private life. To this end collateral reading in Roman history is assigned, together with the study of the archæology of Roman life, social and political.

(4) To prepare students to become instructors in Latin. In order to meet the requirements of such there
will be given when desired a year's course in review of the authors usually read in secondary schools, attention being directed to the chief points deserving emphasis in the teaching of these authors. Such questions as pronunciation, methods of teaching the elements of the language, etc., will be discussed, the object being to enable such as intend to teach to enter upon their work intelligently.

Ministerial students, in the later years of the course, will read from the Church Fathers, for details regarding which see page 81 of this catalogue.

Graduate courses in Latin are offered students having taken Latin through all the years of the undergraduate course, to whom only are such courses open.

**GREEK DEPARTMENT.**

The aims of this department are:

(1) **Discipline.** An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read. A thorough familiarity with the forms and the principles of syntax results in mental training.

(2) **A knowledge of the literature, history and mythology of the Greeks.** It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point will be the study of the literary merits of the author read, together with a careful investigation
into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Instruction in Modern Greek will be a feature in the elective classes hereafter. Modern Greek fiction, poetry and history will be read.

**English Literature.**

The English course extends through the four College years. Since, whatever a man’s vocation may be, he should possess active literary interests for his instruction and enjoyment, the intention of this department is to develop in the student a critical appreciation of the best in English thought.

The history has two important purposes: First, to show the development of English institutions, and
thereby give a truer understanding of the spirit of American institutions; second, to give an intelligent basis for the study of biography and literature.

Compositions are assigned—one long one in each term and frequently several short ones—to train the student in correct expression, and especially in clear thinking, and the best selection and collocation of ideas. The exercises are in different kinds of composition, as narration, description, exposition, and especially on various kinds of subjects—historical, biographical and literary.

The Rhetoric of the Junior year is to give further instruction in the general principles of style, and in the various procedures involved in finding, sifting and ordering the material of discourse. This affects the student’s own work, and his judgments of the writings of others.

The effort, previous to the Junior year, is to give judicious methods of studying literary compositions—poems in particular—and to cultivate an appreciation of their beauties. In this year is taught criticism of prose style by the examination of five distinguished authors.

In the fall term of the Senior year there is a critical study of the three greatest English poets. After this introduction to belles-lettres, follows a cursory view of the development of English thought and style, and a short study of prose fiction.

The new elective course in the analysis of orations is meant especially for students expecting to become public speakers, and for graduates.
DEPARTMENTS OF INSTRUCTION.

Graduate degrees in this department are open only to students that have taken Senior English.

GERMAN.

The primary aim of the course in German is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary work without the aid of grammar or dictionary. It is not thought best to devote any considerable amount of the regular class time to conversation, since the speaking use of the language is only a secondary aim. With an extensive vocabulary and a thorough knowledge of the principles of the grammar at his command, the student possesses the surest means of acquiring fluency in speaking when brought in contact with native Germans. However, conversation practice is not neglected, such exercises being conducted throughout the course at the discretion of the instructor in charge.

During the entire course of six years, the work will be confined entirely to the study of New High German. Students desiring to do work in Gothic, Old or Middle High German, will be afforded the opportunity for doing so, but such work can not take the place of any part of the regular six years' course, and can not be taken up until the conclusion of the same.

Much attention will be devoted to word-analysis and to the study of the affixes and their functions, the aim being to quicken the student's observation and perception of forms. During the first two years the use of
dictionaries is not allowed, since it is desired that the student form the habit of learning well the vocabularies given by the teacher. Fully one-half of the time of the first four years will be devoted to composition, and frequent reviews will serve to fix in the student’s mind the forms and expressions thus used. The material for composition will consist not only of that given in the composition books, but also of that furnished by the instructor, and formed from the texts used in reading.

The translation of the German into English is regarded as a most valuable means of training the student in his own language, particularly in the precise use of words. To this end, careless translations will not be tolerated, and after care has been taken to ascertain if the meaning in German is thoroughly understood, a smooth, idiomatic English rendering of the passage in question will be required. Experience has shown that there is perhaps no more certain means of training the student in English expression than by requiring of him careful and exact translations from other languages.

The last two years of the course will be devoted to the study of the history of the literature, together with reading of the representative authors, both in and out of class. This work will not be confined to any one text-book, but will be somewhat topical in nature, for which the libraries of the college and of the professors of the department will be at the command of the student.
DEPARTMENTS OF INSTRUCTION.

FRENCH.

Instruction in the department of French is for the purpose of giving the student a reading knowledge of the language, familiarity with its idioms and syntax, an acquaintance with its origin, history and literature, and an understanding of contemporary life and events in France.

The reading and translation of connected prose and verse are commenced so soon as possible. Grammatical forms are studied in the text and separately, and exercise in translation from English into French is used to fix idioms and constructions in the memory. Texts read in class are ordinarily used as the basis for such exercise.

Etymologies of French words derived from the Latin and of English words derived from the French are studied in order to attain a clearer comprehension of the sources, structure and significance of the French and the English word, as well as for the purpose of giving training in the principles of philology.

After the introductory reading of the first year, the work is so arranged as to afford a systematic review of the literary history of France. Masterpieces of the authors of each period are read and discussed in connection with studies of the literary tendencies and social and political conditions of that period.

Modern French life and institutions, as set forth in the criticism, the periodicals and the theater of the present are considered, and a general knowledge of current events and contemporary politics is insisted upon.
The work offered in Geology consists of a continuous course through the year. It is the aim to present that which is most interesting to the student and at the same time most valuable to the average citizen. Crystallography is made the starting point of the course and lays a foundation for Mineralogy. In both of these it is expected that the student will become familiar with the more common forms. Lithology is then taken up and the more abundant rocks are studied with care. The museum collections furnish sufficient material for illustration and study.

In Geology proper a beginning is made by a consideration of the dynamical agencies now at work on the earth’s surface. The early history of the globe is then sketched, and afterwards the geological development of the North American Continent is reviewed with special attention to details in the United States. The history of the earth and its inhabitants is viewed as one development—the expression of one plan which reached its culmination in man.

Among special topics which are treated somewhat fully may be mentioned earthquakes, geysers, coral reefs and islands, glaciers, metamorphism, and the origin and distribution of ores, coal, oil and gas.

Occasional excursions are made to points of interest, Geological sections and maps are made and the textbook is still further supplemented by reference to current literature.
DEPARTMENTS OF INSTRUCTION.

Biology.

This department aims to furnish (1) liberal education in Biology, (2) preparation for teaching, investigation or medical studies.

The work of the Freshman year is intended partly to meet the demands of liberal education and partly to furnish a foundation for more advanced work in the Sophomore and Junior years. The election offered in the Senior year is for the special student. In the beginning of the course the student is brought face to face with Nature, whom he is taught to observe and to regard as the chief source of information. Special attention is directed to the significance of the facts observed. General principles are emphasized and all the most important physiological processes and types of structure are illustrated by selected species. Discipline is afforded by the constant use of the inductive process, by the practice of accurate methods, by thorough study of a few types and by familiarity with the precise terms of science. An effort is made to develop a love of truth for its own sake, without which no education can be truly liberal, and with which no degree of technical training can make a man narrow.

As a preparation for advanced Biological work particular attention is given to instruments and methods. The use of the microscope and of the various microchemical reagents, methods of mounting and of making measurements and drawings are made familiar to the student during the Freshman year. With the
study of Vertebrate Anatomy, injections and anatomical methods are added to the above; the preparation of microscopic material, killing, hardening, embedding, etc., and cutting sections with the microtome are a part of the Junior work. By means of the election of the Senior year, also, the student may train himself in the direction of future work.

Subjects related to the studies in hand and others of special importance are brought to the attention of advanced classes by lectures or by reports from students appointed for the purpose. The laboratory is provided with its own working library, which is accessible to students at usual hours.

**Physics.**

The course in Physics extends through one year. With the requirement of one-half year in the elements for admission, this gives opportunity for tolerably advanced work. Although no individual laboratory work is done, the recitations and lectures are well illustrated by experiments designed to show the methods of reasoning by which physical laws are established.

It is the purpose of the course to enable the student to understand the application of the theories and principles of the science to the construction and running of machinery, the making of scientific instruments, to various purposes in the arts, etc.

Much attention is paid to the solution of problems. To do the work satisfactorily students need to have studied mathematics through Plane Trigonometry.
Subjects are studied in the following order: Mechanics, Heat, Sound, Light, Magnetism and Electricity.

For students pursuing distinctively scientific courses, a more radical treatment of statics and dynamics by the aid of the differential and integral calculus is provided.

**Chemistry.**

This whole course is designed to illustrate the general laws of chemical science in a comprehensive and practical way. The aim is to lead the student not only to observe and to become familiar with the fundamental facts of chemistry, but also to understand, as far as possible, the proper connection between observed facts and phenomena and the laws and principles of the science, so that discipline of mind as well as scientific and practical knowledge may be acquired. To these ends the Department of Chemistry aims to present the study in a scientific way—to develop the subject by a carefully ordered series of lectures and experiments illustrative of the laws and principles of chemistry as well as of the properties and conduct of the particular element studied.

From the first, students supplement the work of textbook and lecture-room with individual work in the laboratory, performing such experiments as will make them at once familiar with the use of apparatus and the observation of chemical phenomena in general. This work is done under the supervision and direction of the professor, each student making careful notes of the
results of his work. Much attention is given to writing chemical reactions and making chemical calculations.

After students are well grounded in the facts and laws of the science in general, the aim is to give much practical work in the detection of bases and acids, the analysis of salts, alloys and ores, in both gravimetric and volumetric methods of quantitative analysis, in the examination of waters, dairy products, urine, etc., and in the detection of poisons. Students intending to take a course in medicine are permitted to modify their work with reference to their special needs, as far as the wishes of the class and the time of the instructor will permit.

In organic chemistry the derivation of the various classes of organic compounds from the simple hydrocarbons is systematically considered. Much attention is given to the theory of structural formulæ, stereochemistry and kindred subjects. Laboratory work in the preparation of typical organic compounds is carried on: practice is given in the principal methods and manipulations of organic work, in distillation, melting point determinations, in purification of solids by fractional crystallization, in organic analysis by combustions, etc.

**History.**

Work in the department of history is intended to serve several purposes. A primary object is to obtain an insight into the origins and development of modern civilization, as well as an understanding of the causes, meaning and results of the great crises of history. The student is required to look beyond mere facts to
the motives and spirit of the age and the nation, to study social conditions, religious movements and political principles. Original investigation is encouraged and independent judgment of disputed questions is required.

The study of the growth of modern Europe, its governments and institutions, from mediaeval states and society is intended to show the sources from which the American nation and constitution have sprung, and to help to an understanding of current events abroad. A further aim is to give to the student that breadth of sympathy and judgment that come from a comprehension of the development and relations of peoples, literatures and ideas.

ELOCUTION AND ORATORY.

The work in the department of Elocution includes the study and practice of skillful respiration, a knowledge of physical culture as a factor in elocutionary studies, vocalization, orthoepy, orthophony, modulation, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner. Also drill in analysis and synthesis of extracts from literary productions.

Oratory commences with the Freshman year. Special attention is given to its purpose, its forms and the elements of its power—the study and analysis of extracts from British, American, Greek and Latin orations, committing and delivering short passages, making a
paraphrase of the same, original orations, extemporaneous addresses.

Sophomore year continues the study of orations, written and critical analysis of them, transposition, impromptu and extemporaneous addresses, and original orations.

**Physical Culture.**

The work in physical culture is based upon careful physical examinations made by the Director, at the beginning of each term. All examinations are recorded and, according to these records, each student is given exercises which specially tend to develop him in the weak parts, so that he may become a physically symmetrical man. To this work the student is required to devote a few minutes' time each day.

Class exercise is also held to be beneficial; in this all students enrolled engage, more general exercises, of which every one should be capable, being used. Military drill, free-hand, dumb-bell, Indian club exercises, work on gymnastic apparatus, with which we are sufficiently supplied for present needs, and gymnastic games are features of class work.

All exercises are taken under, and in the presence of the Director, or some competent assistant, in whose absence the gymnasium is closed. Dangerous exercises are not encouraged, since the department does not aim to develop athletes. All students, except Juniors and Seniors, unless debarred by some physical disability, for which a certificate from some competent physician
must be presented, are required to spend at least two
hours per week in class or special exercises in this de-
partment.

In addition to the regular work in exercises, atten-
tion is called to many physiological and anatomical
facts, students being required to locate the important
organs and muscles, and note the effect of the various
exercises on the different parts of the body. A more
lasting benefit is thus secured than could be given by
merely following out the exercises as given. Much
good is being done, many of the students being rendered
more capable of doing with ease the work necessary in
the preparation of their various studies by reason of the
better balance between physical and mental exertion.

To the young ladies are given, under an instructor
of their own sex, such exercises as will strengthen with­
o ut overtaxing the vital organs and nerve centers, and
give freedom to the entire body.

The Emerson system, which is used, includes exer-
cises for developing every part of the body. These
exercises are of special advantage to students. Many
have been cured of chronic dyspepsia, nervousness,
headache, and other diseases peculiar to those who lead
a sedentary life. In addition to the Emerson system,
the free-hand exercises, wands, dumb-bells, and Indian
clubs are used.
ADMISSION.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in June and September. (See calendar.)

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those provided with certificates or diplomas as specified below, are examined as follows, but only two of the three languages, Greek, Latin and German are required:

ENGLISH: The elements of Rhetoric as found in Williams' textbook or some other standard work, together with an English composition correct in spelling, punctuation, division into paragraphs, grammar and expression, based on some subject to be announced at the time of the examination. In 1894 the subjects will be chosen from Irving's Sketch Book, Low-
ell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

**MATHEMATICS.**—The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in *Arithmetic* all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in *Algebra*, definitions and fundamental rules, factoring, elimination, involution, evolution, equations of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in *Plane Geometry*, definitions, propositions, problems and original work.

**GREEK.**—(1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones's Greek Prose Composition or the first two parts of Allinson's). Equivalents may be offered. Preparation for this examination requires two years' work with at least four recitations per week.

**GERMAN.**—Harris's Composition together with some three hundred pages of easy prose such as that of Riehl, Hauff and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's Eysenbach together with easy reading.

**LATIN.**—Candidates are examined (1) in the following authors with questions on subject-matter, constructions and the formation and inflection of words: Cæsar, four books of the *Gallic War*; Cicero, five orations; Virgil, five books of the *Aeneid*, with prosody; (2) in the translation at sight of passages of average difficulty from Cæsar and Cicero; and (3)
in the translation into Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Caesar, two orations Cicero, Virgil, three orations Cicero. The method of pronunciation of Latin used in this college is the Roman as given in the report of the committee on Secondary School Studies appointed at the meeting of the National Educational Association July 9, 1892.

History.—Candidates are examined in Myers's General History, with special attention to the sections devoted to Greece and Rome.

Civil Government.—Fiske's Civil Government of the United States or an equivalent.

Physics.—Gage's Elements of Physics, or an equivalent.

Botany.—Spalding's Introduction to Botany, or an equivalent.

Optional Students.

An applicant for admission, not a candidate for a degree, having passed the examinations required for admissions, may be allowed to register as an optional student, and elect such work as may be open to him; such applicant, however, unless of mature years, will be required to bring written request from parent or guardian, otherwise he will be assigned work in one of the regular courses of study.

Special Students.

An applicant at least 21 years of age may be admitted as special student on recommendation of a commit-
ADMISSION.

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tee of the faculty appointed for the purpose of considering such applications. A student thus applying will not be required to make the regular entrance examinations, but merely to pass such of them as shall suffice to show that he is prepared to do profitable work in the special line selected. The committee appointed to consider special applications, as at present constituted, consists of Professors Iden and Howe, and application should be made directly to these.

ADMISSION TO FRESHMAN CLASS WITHOUT EXAMINATION.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject.

And further, in harmony with a recommendation adopted at a meeting of the College Presidents of In-
diana, held at Indianapolis, November 17, 1893, every candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded merely as provisional. Should the student after a term's residence be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

**Admission to Advanced Standing.**

A candidate for admission coming from another college must present, along with the catalogue of the institution in which he has studied, a careful statement, duly certified, of the studies which he has pursued and the degree of proficiency attained therein; in which case he will be admitted provisionally to such standing as the Faculty may deem equitable. The standing of a student thus admitted, however, shall not be regarded as confirmed until he shall have given proof of ability to do satisfactorily the work of the class to which he has been temporarily assigned. If by the close of the first term following his admission he shall have failed in this, then he will be required to take the position and rank for which, in the judgment of the Faculty, he may be fitted.
RESIDENCE.

REGISTRATION.

Students register at the beginning of the session for the work of the whole year, obtaining blank forms at the office of the President, to whom application must be made. No credit will be allowed for work not so registered. Changes in registration after the first week will not be allowed except by special permission of the Faculty.

ENROLLMENT EACH TERM.

For class enrollment the student must, at the beginning of each term, report his name to the President of the Faculty, and not to the various instructors in charge of classes. This report for enrollment must be accompanied by the Treasurer's receipt for the term's fees. No Professor will regard a student as a member of his class, or credit him as present in it, until such student shall have been reported to him by the President as so enrolled.

RELIGIOUS DUTIES.

All students are expected to attend daily morning devotional exercises in the College chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.
The courses of study are all the same in amount and time required for their completion: Sixteen hours recitation per week, through four years, two hours of laboratory work being regarded as the equivalent of one of recitation. Besides these, there are provided elocutionary and physical exercises, which are required of Freshmen, Sophomores and Juniors, but are optional with Seniors. No student will be graduated until he shall have passed successfully in work which, including all the requirements of his course, shall amount to an aggregate of sixteen hours a week, not counting elocution and gymnastics, during the whole of four years.

**Final Examinations of the Terms.**

Regular class examinations are held at the end of each term. Failure at examination entails forfeiture of position in class. A student wishing to take his examinations at some time other than that appointed for his class may be allowed to do so with the consent of the Faculty, provided he first pay to the Treasurer, for the benefit of the library fund, the sum of one dollar for each such examination.

A student failing in class examination may be granted separate examination under the above conditions. But all deferred examinations must be made good within one term after omission or failure, otherwise the student will be required to go over the work again in class
a year later, and so long as a student is in arrears with any of his examinations he shall not be eligible to exemption (see below) in the department in which such examinations are due.

**Exemption from Examination.**

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done, and provided further he has been present, from beginning to end, at every exercise held by his class in that department during the term. By resolution of the Faculty, hereafter no exception will be made to this rule.

**Classification of Students.**

A degree of laxness is sometimes hard to avoid in the classification of Freshmen and Sophomores, but no student will be classed as Junior until he shall have registered the full requirements of the Junior year and all deficiencies of former years.

**Term Reports.**

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.
Prize Contest in Declamations.

Three prizes, first, second and third, are given to representatives of the Preparatory department for excellence in declamation. These prizes are offered by the Hon. Joseph I. Irwin, of Columbus.

Prize Essays.

Two prizes of choice English classics are given at the close of the Sophomore year for the best set of three essays written after the Christmas holidays. One prize, an English classic, is given at the close of the Junior year for the best sample of literary criticism.

Prize Orations.

The Board of Directors offer, on the following conditions, two prizes, first and second, to members of the Sophomore class who shall compose and deliver English orations. The orations shall not exceed fifteen minutes in delivery. The Faculty, or a committee appointed by them, shall judge of the thought, composition and elocution. The orator receiving the highest grade shall receive the first prize, the next highest, the second prize.

The Graydon Memento

Is a prize offered the student of Greek deemed by the professor in charge most worthy to receive it. This prize was established in 1890 by Mrs. Mary M. Graydon to commemorate the graduation from the University of her three daughters.
REIDENCE.

MEDICAL STUDENTS’ PRIZE.

To the student making the best record in the preparatory medical course the Indiana Medical College offers as a prize its general ticket No. 2, value $40.

SUCCESSFUL PRIZE CONTESTANTS.

The following record is from the opening of the spring term '93 to the close of the winter term '94.

1. June, 1893—Sophomore Class Essays,
   1st Prize—George Wilson Hoke, Wabash.
   2d Prize—Rose McNeal, Romona.

2. June, 1893—Junior Class Essay in Criticism,
   Adolph Schmuck, Indianapolis.

3. June, 1893—Graydon Memento Prize,
   Harry Leonard Henderson, Kendallville.

4. June, 1893—Preparatory Department Declamation,
   1st Prize—Bona Thompson, Irvington.
   2d Prize—Mabel Harriet Tibbott, Irvington.
   3d Prize—Thomas Roerty Shipp, Irvington.

5. June, 1893—Medical Students’ Prize,
   Frank F. Hummel, Irvington.

6. March, 1894—College Representative in State Oratorical Contest,
   Georgia Noble Galvin, Irvington.

PAYMENTS TO THE COLLEGE.

The fees for tuition, incidentals, apparatus and library are payable at the beginning of each term, before enrollment in class. They amount to ten dollars per term, as follows:

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition fee, $6 in scrip, costing</td>
<td>$6.50</td>
</tr>
<tr>
<td>Incidental fee</td>
<td>8.00</td>
</tr>
<tr>
<td>Apparatus and Library fee</td>
<td>1.50</td>
</tr>
<tr>
<td><strong>Total, per term</strong></td>
<td><strong>$10.00</strong></td>
</tr>
</tbody>
</table>
The tuition fees of graduate students, whether resident or non-resident, are the same as for undergraduates.

There is no extra fee for elocution or gymnastics.

An extra fee is charged for special examinations (see p. 58).

A fee of $5 to cover expenses of graduation, degree, etc., is charged each person taking the baccalaureate degree. This fee must be paid before the degree is conferred. The fee charged for an advanced degree is ten dollars, which must be paid before the degree is conferred. No money is refunded to a student leaving during term time.

**Expenses of Residence.**

Following are estimates of yearly expenses, calculated for a session of thirty-six weeks:

<table>
<thead>
<tr>
<th></th>
<th>Lowest</th>
<th>Liberal</th>
<th>Highest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition per year (three terms at $10)</td>
<td>$30</td>
<td>$30</td>
<td>$30</td>
</tr>
<tr>
<td>Room, board, lights and fuel</td>
<td>113 75</td>
<td>130</td>
<td>175</td>
</tr>
<tr>
<td>Books</td>
<td>20 00</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$163 75</strong></td>
<td><strong>$190</strong></td>
<td><strong>$245</strong></td>
</tr>
</tbody>
</table>

The first estimate is low as regards room, board, etc., being based on the lowest charge made at University boarding-hall; the second estimate is liberal, having for its basis the usual charge for boarding in Irvington; the third estimate is exceptionally high.
GRADUATION.

Amount of Work Required.

All the courses leading to the baccalaureate degree require each four years for their completion, except in case of admission to advanced standing, as elsewhere provided, but a candidate for admission to advanced standing will not be received after the first term of the year in which he proposes to graduate. Sixteen hours of recitations per week throughout the four years are provided, and no student will be allowed to exceed this number except by special permission of the Faculty—which permission will not be granted until the candidate has been in the University at least one year.

Baccalaureate Degrees.

I. The degree of Bachelor of Arts is conferred on students who complete the required amount of work in one of the regular courses as elsewhere prescribed (see pp. 66-7), and pass satisfactory examinations in the same.

Baccalaureate Theses.

A thesis is required of every candidate for the Bachelor's degree. It must be in the line of the student's main work during his Junior and Senior years, and its subject will be selected with the concurrence of the professor in charge of the study to which it belongs. This selection of subject must be made and reported to
the Faculty not later than the last Saturday before the Christmas holidays. Should a student fail to report such selection, a subject will be assigned him by the Faculty. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Commencement Day, and to be acceptable must have the character of a scholarly dissertation on the subject chosen. The candidate for graduation, after approval of his thesis by the Faculty, and before he can receive his diploma, must furnish a copy to be deposited in the Library. Special paper is provided for this, which may be obtained from the Librarian. Should a student fail to submit his thesis as above indicated, then, in order to secure its acceptance, he will be required to appear before the Faculty and furnish good and sufficient reasons for his delinquency.

**Advanced Degrees.**

Courses of graduate study leading to advanced degrees are provided in the various departments, and such degrees are conferred as follows:

I. The degree of Master of Arts is conferred on any student who has taken the corresponding baccalaureate degree here or in other college of equal requirements, on the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for two years under direction of the Faculty, pass satisfactory examinations and present a thesis on one of the subjects studied.
(2) In case of residence the candidate is allowed to limit his course of study to one year, provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist of subjects specially assigned to individual students and (b) of lines of study to be selected, under the direction of the Faculty, from undergraduate elective work, which, in the case of residence students, may in certain cases be pursued along with undergraduate classes; but no work done by a student while yet an undergraduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Copy of thesis to be deposited in the Library as above indicated under Baccalaureate Thesis.

II. The degree of Doctor of Philosophy is conferred on graduates of this University or of any other institution authorized to confer the Bachelor's degree, on the following conditions: (a) The course of study shall occupy three years, two of which must be spent in residence at the University, and one year's study may be spent in non-residence; (b) The work required will be in one major study extending through the course. Other minor studies, not less than two, may be taken for a shorter time; (c) A meritorious thesis on some subject of original investigation shall be presented to the Faculty at the close of the course, and as a condition of the degree. Copy of thesis to be deposited in Library as above indicated.
COURSES OF STUDY.

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

A selection of courses may be made conformably with any of the following outlines:

I. General Course (a): Two of the three languages Latin, Greek, German; Mathematics, English, Bible, Biology (Botany) or Chemistry (General Chemistry with text-book, lectures and laboratory work), French, Philosophy (Psychology, Logic, History of Philosophy), Physics, History.

II. General Course (b): Two of the three sciences Biology (General Biology, Botany, Vertebrate Anatomy, Histology and Embryology), Chemistry, Mathematics; English, Bible, French, Physics, Astronomy, one of the three languages Latin, Greek or German.


IV. Pre-Medical Course. Chemistry, Biology (General Biology, Vertebrate Anatomy, Histology and Embryology, Physiology), Human Anatomy, Materia Medica, English, French, one of the three languages Latin, Greek, German; Mathematics, Chemistry, Physics.

V. Pre-Ministerial Course. Latin, Greek, English, Bible, Mathematics, Chemistry or Biology, course to be completed in Bible School. (See pp. 81-7.)

Any course of study to lead to graduation, except in the case of ministerial students, as above indicated, must include, of the work described below, the following:
FRESHMAN YEAR.

FRESHMAN: English, Elocution, Mathematics, Physical Culture and any two of the four subjects Latin, Greek, German, Biology.

SOPHOMORE: English, Bible, Elocution, Physical Culture and either (1) two of the three languages Latin, Greek, German, with one of the three sciences Biology, Chemistry, Mathematics, or (2) two of the three sciences Biology, Chemistry, Mathematics, with one of the three languages Latin, Greek, German.

JUNIOR: French, Physical Culture and either (1) one of the three languages Latin, Greek, German, or (2) one of the three sciences Chemistry, Biology, Mathematics, together with elective work sufficient to furnish in all sixteen hours per week. (In laboratory work two hours count one.)

SENIOR: French and one language or one science, with electives, as above.

FRESHMAN YEAR.

I. BIOLOGY.—Four double hours per week, Tu., W., Fri., Sat., at 8-10. General Biology.

A study of the structure, functions and development of typical plants and animals. An introduction to Botany, Zoology and to the general principles of Biology. The following list of organism will indicate the range and character of the work: Amoeba, Arcella, Pleurococcus, Yeast, Bacteria, Euglena, Paramoecium, Vorticella, Globigerina, Diatoms, Mucor, Penicilliim, Spirigryra, Laminaria, Chara, moss, fern, Hydra, earthworm, mussel, cray-fish, frog.

Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

II. ELOCUTION. Two hours per week, M., Fri., at 10.

Exercises in breathing, vocal culture, position and gesture. Elements of pitch, time, force and emphasis with their practical application to selections. Analysis and memorizing of representative extracts from orations. Practice in extemporaneous speaking. More extended work in Oratory and Shakespearian reading may be taken in Sophomore year if desired.
III. ENGLISH.  
*Two hours per week, M., Fri., at 11.*

Hale's Longer English Poems is the text-book for the first two terms, and one of Shakespeare's plays is taken up thereafter. This study of classic English verse is for the purpose of learning methods of criticism and of developing the critical appreciation. In addition to systematic examination and analysis of the poems studied, essays will be required each term.

IV. GERMAN.  
*Four hours per week, Tu., W., Thu., S., at 10.*

Before admission to the Freshman class, the student is expected to have acquired a very considerable vocabulary. The learning of the words and idioms occurring in the course of the reading is at all times emphasized. The reading during the year consists of works bearing upon German life, or upon certain periods of the history of the country. Historical novels, such as those of Freytag are used for this purpose. Exercises in composition are continued throughout the year.

V. GREEK.  
*Four hours per week, Tu., Th., Fr., S., at 8.*

Xenophon's Hellenica and Memorabilia, selections from Herodotus. Writing of Greek prose during the year. Either Allinson or Wilkins's manual will be used. The authors are read in the order mentioned. Three points are to be especially studied during this year—an accurate knowledge of the forms and syntax, the pronunciation of the Greek as expressive of thought, translation into good English. Students should have a classical atlas and dictionary of antiquities. Students will be admitted to the Freshman class when they have finished the Burgess Hall Preparatory Greek, or from other colleges provided they bring satisfactory certificates, otherwise they must pass an examination.

VI. LATIN.  
*Four hours per week, Tu., W., Fr., S., at 9.*

Cicero, De Senectute; Livy, Book XXI; Horace, Odes and Epodes; Latin Writing; Mythology; Horation Metres. The work runs through the year, the above authors being taken in the order named. Concurrent with the critical reading
of these authors is daily practice in writing Latin—this as a means, the surest means, whereby the student may obtain a firm grasp of the structure of the language. The writing is at sight on material furnished by the writers read—mainly the De Senectute.

Students admitted to the Freshman class are required to be familiar with some such outline of Roman history as that of Myers's. Where deficiencies in this regard are shown a review will be required.

In connection with the reading of Horace's odes due attention is given the subject of Greek and Roman mythology, particularly with a view to emphasizing its great influence on literature and art.

Besides the texts mentioned above, the student must be provided with Allen & Greenough's Latin Grammar, Lewis's Latin Dictionary, Guerber's Myths of Greece and Rome and a classical atlas.

VII. MATHEMATICS.  

*Four hours per week, Tu., W., Th., S., at 11.*

Solid geometry, with a large selection of original problems and theorems, will be required. The resulting mensuration formulæ will be memorized and illustrated by examples. The advanced parts of algebra will be studied, embracing the logarithmic and binomial formulæ; the various series, with the law of their convergency; choice, chance, probabilities; imaginaries, the theory of equations with the application of Sturm's Theorem and Horner's Method to the determination of irrational roots of numerical equations; the application of determinants to the solution of linear equations. Plane Trigonometry and land surveying, with practice in the use of the Transit and Level in roads and ditches and the requisite computations of excavation and fill.

VIII. PHYSICAL CULTURE (Women)—*Two half-hours per week, M. at 8:30, Th. at 9.*

All exercises are taken under the supervision of the director. Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.
IX. **Physical Culture (Men).** *Two half-hours per week, M. at 9, Th. at 9:30.*

Class and individual work on gymnastic apparatus, the parallel bars, the horizontal bar, the German horse, the flying rings. All members of the class must be provided with soft-soled shoes, rubber soles preferred.

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**SOPHOMORE YEAR.**

I. **Bible.** *Four hours per week, Tu., W., Th., S., at 11.*

Lectures on the Gospels: The life, the teachings and the works of Christ, the events brought into chronological order.

Lectures on Acts: The rise and growth of the church traced, questions belonging to the Apostolic period discussed.

Lectures on the Epistles: The Epistles classified on the basis of their subject-matter, the more important ones studied, one carefully analyzed.

The Pentateuch: Lectures on the Patriarchal age, its early institutions and the rise of the Hebrew nation.

The former Prophets: Lectures on the conquest of Canaan, the period of the Judges, the establishment of the Kingdom.

The rise and growth of the Hebrew kingdom, its division and captivities, its history until the Christian era.

Collateral reading of the Scriptures accompany these courses of lectures.

II. **Biology.** The class is divided into two sections, the student electing either Botany or Vertebrate Anatomy.

**Botany.** *Three double hours per week, M., W., F., at 2-4.*

A study of the Phanerogams and Ferns. (1) The plant cell, its structure and simple functions; cell division and conjugation; sex in plants. (2) The structure and development of vegetative and reproductive organs as illustrated in the sunflower, elm, maize, hyacinth, Smilax, Scotch pine, Aspidium, Adiantum. (3) Physiology of plants. Bessey’s Botany and Bower’s Practical Botany, Part II.
SOPHOMORE YEAR.

VERTEBRATE ANATOMY. *Three double hours per week, Tu., Th., S., at 2–4.*

(1) General development of the Vertebrates, Classification, Geological Succession. (2) A comparative study of the physiological apparatus of Vertebrates: the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. (3) Parallel with the above, laboratory work on Amphioxus, the lamprey, skate, cod, lizard, pigeon and cat (or rabbit). Parker's Zootomy and Wiedersheim's Comparative Anatomy are used.

III. CHEMISTRY. *Three double hours per week, M., W., F., at 2–4.*

General Chemistry is studied by means of lectures and a textbook. Remsen's Introduction to the Study of Chemistry (new edition) will be the class book, while Remsen's Complete Work will be much used as a book of reference. Qualitative analysis is begun. Detection of bases completed. In Qualitative analysis instruction is given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

IV. ELOCUTION. *One hour per week, Tu., at 8.*

Further exercises as outlined under Freshman year.

V. ENGLISH. *Two hours per week, M., Th., at 10.*

The History of England is studied throughout the year. Guest's Lectures are used as the textbook. This is done in order to give the student a better comprehension of the development of English institutions and English literature. Essays and orations are written on themes suggested by the matter studied. Prizes are offered for the best of these.

VI. GERMAN. *Four hours per week, W., Th., F., S., at 9.*

Such masterpieces as Wilhelm Tell, Minna von Barnhelm, Heine's Harzreise are read, the aim being to acquaint the student with some of the best known of the German classics. However, here, as in the year preceding, the taste of the class is at all times observed and consulted in the selection of
texts for reading. It is the object to state here in a general way the nature of the work, but to allow circumstances to largely determine just the precise works used in each case for the particular end in view. Exercises in composition are continued throughout the year.

VII. GREEK. *Four hours per week, M., F., at 11; Tu. at 9; W. at 8.* Homer’s Iliad or Odyssey; Plato’s Dialogues, either the Apology and Crito, or the Phædo. Two terms will be spent on Homer; selections from the Iliad or the Odyssey will be read, enough to go through the entire story of either. The syntax of the language and the arrangement of words will be studied by requiring students to transfer translations made from the author read back into Greek. In connection with Homer mythology will be taken.

VIII. LATIN. *Four hours per week, T., W., F., S., at 10.* The Phormio of Terence, Epistles of Horace, Dialogues de Oratoribus of Tacitus, translations at sight, Roman History, History of Roman Literature.

The above-named authors will be read in the order given, the work continuing throughout the year, with frequent exercises in translation at sight. The collateral historical work indicated is meant to be (1) selected epochs of Roman political history down to the close of the reign of Augustus (Merrivale’s General History of Rome), and (2) a comprehensive view of the whole field of Roman classical literature. (Wilkins’s Primer of Roman literature.)

IX. MATHEMATICS. *Three hours per week, Tu., W., Th., at 2.*

(a) Bowser’s Analytical Geometry, Differential and Integral Calculus, followed by his Analytical Mechanics and a solution of all the examples in each, extending through the Sophomore and one term of the Junior year. *Three hours weekly.* (b) A course in Higher Algebra, Theory of Equations and Elementary Determinants. (c) A course in Cremona’s Projective Geometry.

X. PHYSICAL CULTURE. *One-half hour per week, Tu., Men, 8:30; Women, 9.*
JUNIOR YEAR.

I. BIOLOGY.  
Four double hours per week, Tu., W., F., S., at 8-10.

(a) Physiology. An introduction to Human Anatomy and Physiology. Recitations and demonstrations twice a week throughout the year. Martin's text-book is used.

(b) Histology and Embryology. (1) A study of normal adult, tissues with special attention to the Mammalian type. A knowledge of methods of hardening, staining, etc., is gained through the preparation of material by the student. (2) The development of the chick during the first three days. Four hours laboratory work a week throughout the year, with a weekly quiz or lecture. Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology.

Pre-requisite, General Biology.

II. CHEMISTRY.  
Four double hours per week, Tu., W., F., S., at 8-10.

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys and ores. Quantitative analysis. First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine or in any line for which the student is thought by the professor in charge to be qualified. Time at least eight hours per week in the laboratory.

III. CIVICS.  
Three hours per week, M., W., F., at 2.

(1) Political Economy. Walker and Ely will be studied three hours a week; Sociology as time will permit.

(2) American Government. The text is Hinsdale's Lectures on the origin and formation of the Constitution of the United States.

(3) International Law. The text-book is Woolsey or Gallaudet; references to Cyclopaedia of political history; discussions in class.
COURSES OF STUDY.

IV. History. *Three hours per week, Tu., Th., S., at 2.*
In addition to the requirements for entrance in General History, students in Latin, Greek and English are given, in those departments, courses in the outline history of Greece, Rome and England. The first year's special work in the department of History covers the medieval period. Text-book, lectures and recitations are employed. The rise of the Papacy, of the Holy Roman Empire, of the French monarchy and of Mohammedanism receive special attention. The social and political conditions which brought the Feudal System into existence are studied, as well as those which resulted therefrom.

V. English. *Three hours per week, Tu., Fr., at 10; Th., at 9.*
The fall term is devoted to a study of the principles of the art of rhetoric as set forth in Genung's text-book. After practical exercise in the various kinds of composition, the elements of style are reviewed. This work is turned to account in the criticism of the following terms. Essays of De Quincey, Macaulay, Carlyle and Bacon are taken as examples of the best models of English prose, and subjected to analysis and criticism in class. Minto's manual is used as a guide. Other essays of these same authors are assigned to individual students for outside study, and on these written and oral reports are made to the class.

VI. French. *Four hours per week, M., W., Th., S., at 10.*
The beginning class uses as text-book Whitney's Practical French, or some similar work, spending the first term in acquiring pronunciation, a working vocabulary, an acquaintance with the simpler rules of syntax, and a knowledge of the irregular verbs. Latin, French and English word-forms are made a basis for incidental exercise in etymology and historical phonetics. Reading of connected prose is commenced at the earliest opportunity and constitutes the major part of the second term's work, Whitney's Introductory Reader or some such collection of short stories being used. La Fontaine's fables are studied next, by means of reading, translation and memorizing. The reading of the
third term consists in more difficult prose and verse of nineteenth century authors. This is accompanied by composition based on the texts read.

VII. German.

*Three hours per week, M., W., F., at 11.*

In the Junior year a more exact study of the literature and its history will be entered upon. Kluge’s *Geschichte der deutschen National-Litteratur* will be used as a text-book, although this work will be largely supplemented by outside readings and references to other histories of the literature. In connection with each period, as studied in the text-book, representative works of the different periods will be read; nor will the reading be confined to the class-room. The student will be expected to bring to class analyses and synopses of the works read alone. For such as desire conversation in this year, hours will be arranged for meeting not oftener than two (2) hours weekly.

VIII. Greek.

*Three hours per week, Tu., Th., S., at 11.*

Greek Drama. Åeschylus, Sophocles and Euripides. One or more tragedies from each. A careful study of the metre will be made. Further, a literary study of these authors, given by means of lectures and extracts from their works. The Greek Theatre, with all its accessories, will be another feature of this year’s work.

IX. Latin.

*Three hours per week, Tu., Th., S., at 11.*

Pliny the Younger, Juvenal, Tacitus, the literature and history of the early Empire.

The work continues throughout the three terms with reading of selected portions of the writers named. The following text-books are recommended: Holbrooke’s Pliny’s Letters, Chase’s Selections from the Satires of Juvenal, Champlin’s Selections from Tacitus. Collateral reading in the period studied is required in Merrivale’s General History of Rome, and in Cruttwell’s History of Roman Literature.

X. Mathematics.

*Three hours per week, Tu., F., S., at 9.*

Bowser’s Mechanics finished. *First term.* Johnson’s Survey-
COURSES OF STUDY.

ing, embracing adjustment and use of instruments, land, topographical, geodetic and city surveying, with computations of earth work. (c) Those taking course (a) in Sophomore year can, instead of the foregoing, take higher work in Analytical Geometry and Calculus during the Junior and Senior years. Charles Smith and Todhunter or Williamson will be used. This course would furnish a good introduction to work in the Polytechnic schools.

XI. PHYSICS. Three hours per week, Tu., Th., S., at 11.

During the first term are mastered the general properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

During the second term are taught hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids, with applications to sound and the theory of musical instruments. Then follow laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

The third term is given to the study of electricity and magnetism. Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery are given.

Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light and Heat, Poyser's Magnetism and Electricity.

XII. PHYSICAL CULTURE. Men, one hour per week, Th. at 8; Women, one hour per week, Th. at 8:30.

SENIOR YEAR.

1. ANATOMY.

(1) Osteology, articulations, muscles and fasciae. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor surgery: Sutures, bandages, dressings, methods, preparation, practical work.
II. Biology. *Four double hours per week, M., W., Th., S., at 10–12.*

During this year students who have had at least two years' work in Biology may pursue advanced studies for which they are prepared in any one of the following lines: Animal Histology, Vertebrate Embryology, Invertebrate Morphology, Systematic Zoology, Cellular Biology. Students making Biology their major study will devote a part of the time to the preparation of a thesis. Such assistance is given as will enable the student to accomplish his ends.

III. Chemistry.—*Four double hours per week, M., W., Th., S., at 10–12.*

This year will be given to the study of organic chemistry. Remsen's work will be the text-book, supplemented by some laboratory manual. Besides mastering the text-book, students will do much laboratory work in the preparation and analysis of organic substances.

IV. Civics. *Three hours per week, W., Th., S., at 10.*

2. Feudal System. The rise of the Feudal System; its principles; its decline; the rise of monarchy.
3. Ancient Law. The study of ancient forms, methods and principles of law; the philosophy of ancient usages; text-book is Maine, with collateral reading.

V. English. *Three hours per week, Tu., F., S., at 9.*

Shakespeare, Milton and Wordsworth are studied in the fall term by means of biography, literary history and criticism. Following this comes a rapid review of the leading English writers, based on Stopford Brooke's manual. Special attention is given at this time to Chaucer, Spenser, the Elizabethan dramatists, Dryden, Pope, Keats, Shelley and Browning, the prose writers and other poets having been made subjects of special study earlier in the course. The year closes with a review of English prose fiction. A part of the work is done in class, and the rest is assigned to individual students as a basis for topical recitations or essays.
VI. FRENCH.  
Four hours per week, Tu., F., at 10; W., Th., at 9.

The year is given up to a systematic study of French literature, history being constantly supplemented by reading and criticism of authors and the literature of successive periods. After work on Joinville's Histoire de Saint Louis, and some of the earlier lyric verse, the masterpieces of Corneille, Racine and Moliere are studied in connection with the development of the drama. Then follows reading from Pascal, Bossuet, Voltaire and Beaumarchais. The romantic school, as exemplified in Balzac, Victor Hugo, Lamartine and George Sand, is considered, and the course closes with a review of the most popular writers of the last half century. Some attention is to be given each week to sight-reading, conversation and composition.

VII. GEOLOGY.  
Three double hours per week, M., W., T., at 10–12.


Open to students who have taken General Biology and Physics.

VIII. GERMAN.  
Three hours per week, Tu., W., F., at 8.

The Seniors will continue the study of the history of the literature as begun in Junior year, i.e., with Kluge's National-Litteratur as a text-book and with readings in and out of class. Readings out of class must be fully reported in class. A large amount of the work done will be in connection with the works of Lessing, Gœthe, Schiller, since by the time the student has reached this point in the course he must have acquired such a knowledge of language and forms as will permit him to appreciate fully the works considered. A further opportunity for training in speaking will be afforded in this year in the formation of a German conversation club, meeting one evening each week at the house of the German professor.
IX. Greek.  
_Three hours per week, M., W., F., at 11._
Greek orators—Demosthenes, Æschines and Isocrates. Selections from Demosthenes and part of Æschines against Ktesiphon. A careful study of the Macedonian period will be made. Lectures on Archæology, with help from photographs.

X. History.  
_Three hours per week, M., W., F., at 2._
The second year's work is done chiefly through recitations from lectures and study of works of reference. It begins with the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V, the age of Louis XIV, and the rise of the Prussian Monarchy are special topics. The French Revolution and the Napoleonic Era are then studied, and the year's work closes with a review of the course of events since the battle of Waterloo.

XI. Latin.  
_Three hours per week, M., W., F., at 11._
A choice may be made of either of the following courses:  
_A Teacher's Training Course._ This includes the Latin authors and the exercises in composition and in grammatical drill common to secondary school instruction and its purpose is to prepare students who may intend teaching to enter upon their work with confidence.  
_A Course for Intending Students of Law._ The Institutes of Justinian will be read with references to the Codex and Digest. In addition to the translation and analysis of the text, the influence of the civil law on modern legislation is traced by the help of Hadley's Introduction to Roman Law and Morey's Outline of Roman Law.

XII. Materia Médica.  
_Two double hours per week, W. and S., at 10-12._
The course consists of lectures and recitations. The department is provided with a collection of medicines, embracing most of the remedies now in use, both officinal and unoffici- nal, thereby assisting the student in acquiring reliable
knowledge of the physical properties and characteristics of remedial agents. For the purpose of practical instruction, experiments will, from time to time, be performed upon the lower animals, in order to better acquaint the student with the physiological and toxic action of the various drugs.

XIII. Mathematics. Three hours per week, M., W., S., at 10
A course in General Astronomy, text-book of Chas. Young; three hours weekly, two terms. Uranography and observatory work, one term. Adequate reference books, sufficient for all needs in the above courses, will be found in the College Library.

XIV. Philosophy. Three hours per week, Tu., Th., S., at 2.
(1) Psychology. The study of the contents of consciousness; discussion of problems leading up to philosophy. Text-book of some approved author.
(2) Logic. The laws of pure thought are studied, their application fully exemplified. Jevon's text-book is used.
(3) History of Philosophy. Lectures on the history of philosophic thought; the methods and principles of the various schools analyzed and explained; references to authors, and thesis on a subject assigned is required.
BIBLE SCHOOL.

The condition of admission to this department is that the student have completed the Sophomore year of the collegiate course of Butler University (having taken the Latin and Greek), or the same amount of work in some other school.

For details see under "Courses of Study" in this catalogue, pages 66-72.

It is the purpose that the student, on leaving this school, shall have a profound and systematic knowledge of the Bible, a sufficient knowledge of the history of the church, including doctrine, a good practical knowledge of Hebrew, Greek, Latin and German, an acquaintance with some of the best theological works of the past and present, and that he shall be well trained in exegesis, in original investigation and in the art of expression. In order to secure the necessary training in the above named languages, and in original investigation, the student will be required, wherever it is practicable, to go to the sources. That is, he will be required to read in Josephus, Philo, Eusebius and also in the classic authors when the meaning of a word or a construction is sought, or when the views of the ancients or the history of the time will be helpful to an understanding of a passage of Scripture.
Students will write dissertations on questions of language, history, and on the contents of passages. This is believed to be the best preparation for the writing of sermons.

Courses of lectures on various sciences will be delivered to the ministerial students. These lectures, accompanied with experiments, will be quite popular in character, and will require no preparation on the part of the student. The purpose is to contribute to the student’s general information by giving him some notion of the sciences.

To complete the entire course will require four years. The classes will be designated, for convenience: Quarta, Tertia, Secunda, Prima.

The course is an organic whole, yet the work of Quarta and Tertia is reckoned as undergraduate, for which the degree of A. B. will be given, and the work of Secunda and Prima is reckoned as graduate, for which the degree of A. M. will be given by the University, and a certificate by the Bible School.

Quarta.

(First year of course in Bible School.)

Greek.—The Gospels begun. A harmony of the four Gospels is used (Robinson’s at present). The harmony facilitates the study both of the language and the contents. In connection with the reading of the Gospels portions of Josephus, Philo and Eusebius will be read in Greek. An effort will be made to acquaint the student with the spirit of the Greek language and the peculiarities of the New Testament idiom; with the geography of Palestine and with the political, social and re-
ligious condition of its inhabitants. All historic questions connected with the Gospels will be carefully considered. All passages requiring it, especially the Parables, will be carefully analyzed, both to exhibit to the student the correct method of interpretation, and to unfold to him the meaning. The chief aim and effort will be to help the student to a clear conception of the life and work of our Savior. *Five hours a week.*

**Hebrew.**—*Genesis* and *Exodus* will be read. The forms and the syntax will be explained orally. As it is the intention to read the entire Old Testament in Hebrew, much stress will be laid upon getting a good vocabulary during the first year. Here, as in the study of the New Testament, careful attention will be given to Exegesis. The books studied will be treated as from God, and therefore the questions raised by higher criticism will find no place in the class discussions until the students have studied the whole Bible as the Word of God. We hold it to be wrong to lay such questions before immature minds. In *Prima* some attention will be given to these questions. *Five hours a week.*

**Latin.**—*Augustini de Civitate Dei* begun. It is the intention to make a critical study of the Augustinian period of church history, and this work has been selected for the beginning. It is believed that church history can be learned best by making a critical study of certain periods, such as the Apostolic, the Augustinian, the Lutheran, and then connecting them by hand-book or lectures. The reading in Latin will be made subservient to church history. *Three hours a week.*

**German.**—The aim is to secure to the student such a knowledge of the elements of the language that he can, the following year, begin the reading of books directly connected with his work. *Five hours a week.*

**Logic.**—Text-book and lectures. *One hour a week.*

**Chemistry.**—It will be the aim to teach the principles and laws of the science as well as to give the most important facts of chemistry, and to show the methods of work used by the
Chemist. The most important of the elements will be considered in some detail. The methods of qualitative and quantitative analysis will be illustrated. A few lectures will be given on Organic Chemistry. It is believed that in about forty lectures an intelligent though not comprehensive view of the science may be acquired. One hour a week.

**TERTIA.**

**Greek.**—The Gospels finished as described under Quarta. Acts read with some portions of Eusebius. In Acts we have the history of the beginning of the Church—the first preachers, their conduct, the contents and manner of their preaching; the first conversions; the organization and government of the first congregations. Careful attention will be given to all these in the study of the Book of Acts. In connection with the above, Philemon, Timothy, Titus, II and III John, Thessalonians and Philippians will be read. Five hours a week.

**Latin.**—Augustini de Civitate Dei finished as described under Quarta. Three hours a week.

**Hebrew.**—The Pentateuch finished, Joshua, Judges, Samuel read. Five hours a week.

**German.**—Reading of sermons and easier theological discussions. Four hours a week.

**Psychology.**—Beck's Biblical Psychology and Lotze's Outlines of Psychology, with lectures. Two hours a week.

**Physics.**—The object sought by these lectures will be to make the student familiar with the most common phenomena of nature and to illustrate the application of natural forces to the running of machinery. The phenomena of Light, Sound and Heat will be demonstrated by experiments, and the theories concerning their nature and laws will be presented. The subject of electricity will be treated in a practical way, the various modern electrical machinery and appliances will be described and explained. One hour a week.
SECUNDA.

GREEK.—Peter, Jude I, John, Corinthians, Galatians and Hebrews read. *Four hours a week.*

HEBREW.—The historical books finished. Psalms, Proverbs and some of the minor Prophets read. *Four hours a week.*

LATIN.—Selections from Calvin, Luther and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck’s Vorlesungen über Christliche Glaubenslehre. *Four hours a week.*

CHURCH HISTORY.—Text-book and lectures. *Three hours a week.*

GEOLGY AND NATURAL HISTORY.—The course will begin with the consideration of the most important Geological forces and their mode of operation during the present age. Their effects will then be traced in some of the principal events of the earth’s past history, with particular reference to North American Geology; and finally in connection with the study of some existing forms, the history of plant and animal life will be briefly sketched. *One hour a week.*

PRIMA.

GREEK.—James, Romans, Ephesians, Colossians and Revelations will be read. In connection with Revelations the chief eschatological passages in the Old and New Testaments will be reviewed. *Four hours a week.*

HEBREW.—The Prophets finished and Job read. The conclusions reached by higher critics will be given and considered. *Four hours a week.*

LATIN.—Selections from Calvin, Luther and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck’s Vorlesungen über Christliche Ethik. *Three hours a week.*

O. T. THEOLOGY.—Lectures and class discussions. Every question of doctrine will have been fully discussed in connection with the reading of the various books of the Bible. These lectures are intended as a review—a summing up. *Three hours a week.*
PASTORAL THEOLOGY.—Beck's Pastoral Theology of the New Testament, with lectures. The purpose here is likewise to sum up what has already been learned on this subject from the New Testament. *One hour a week.*

HOMILETICS.—Text-book with lectures. The student by this time will have had much training in the writing of dissertations. Attention will be given entirely to the preparation and delivery of sermons. *Two hours a week.*

ASTRONOMY.—Lectures with observations. *One hour a week.*

ELOCUTION.

Those who have not had the required elocutionary drill may enter special classes formed by the instructor in elocution in the University.

LIBRARY.

The University Library, which is open to ministerial students as to other students, contains a considerable number of valuable theological works. The students have access, free of charge, also, to the State library in Indianapolis. In the University reading room are the best theological and religious periodicals of America.

PHYSICAL EXERCISE.

The gymnasium is open to ministerial students, as to all others, free of charge.

SELF-SUPPORT.

Many ministerial students are under the necessity of supporting themselves while in school. Those sufficiently prepared have been able hitherto to find remu-
nerative employment with the churches in reach of Irvington. As the number of ministerial students increases the difficulty of finding such employment increases. But with energy and perseverance work can still be found. Students can and do render each other great assistance in finding work. Strangers will be kindly received and generously helped, but success will depend upon self. Churches insist upon seeing and hearing before employing.

If a student intends paying expenses by preaching he should be here promptly at the opening of the fall term provided with sufficient money for the first term. He must visit churches in which vacancies are about to occur and make the acquaintance of the members. If diligent and capable he will very probably have work enough by the first of January. Churches usually make their arrangements for preaching at the beginning of the year.

For information, address

Professor H. C. Garvin.
SPECIAL PRE-MEDICAL COURSE.

The work offered intending students of medicine may be so arranged as to be completed in two years. When so arranged, however, the course does not lead to a degree. It is recommended as far better that the student, if possible, pursue one of the regular four years' courses, electing the medical work as indicated on page 66 of this catalogue.

FIRST YEAR.

I. CHEMISTRY. Three double hours per week.

General Chemistry studied by means of lectures and textbook, Remsen’s Introduction to the Study of Chemistry (new edition); Remsen’s Complete Work used as book of reference. Qualitative Analysis begun. Detection of bases completed. Instruction in Qualitative Analysis given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

II. BIOLOGY. Four double hours per week.

General Biology, a study of the structure, functions and development of typical plants and animals; an introduction to Botany, Zoology and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: Amoeba, Arcella, Pleurococcus, Yeast, Bacteria, Euglena, Paramöcium, Vorticella, Globigerina, Diatoms, Mucor, Penicillium, Spirogyra, Laminaria, Chara, moss, fern, Hydra, earthworm, mussel, cray-fish, frog. Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.
III. Physics.  

Three hours per week.

General properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.  

Hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids with applications to sounds; laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.  

Electricity and magnetism: Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery.  

Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light and Heat, Poyser's Magnetism and Electricity.

IV. Electives.  

Six hours per week.  

(See pages 67-80, of this catalogue.)

SECOND YEAR.

I. Chemistry.  

Four double hours per week.

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys and ores. Quantitative analysis: First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk butter, examination of waters, urine, or in any line for which the student is found qualified.

II. Vertebrate Anatomy.  

Three double hours per week.

General development of the Vertebrates, Classification, Geological Succession. Comparative study of the physiological apparatus of Vertebrates; the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. Parallel with the above, laboratory work on Amphioxus, the lamprey, skate, cod, lizard, pigeon and cat. Text-books: Parker's Zootomy and Wiedersheim's Comparative Anatomy.
III. Histology and Embryology.  
Two double hours per week.
(1) A study of normal adult tissues with special attention to the Mammalian type. A knowledge of methods of hardening, staining, etc., is gained through the preparation of material by the student.  (2) The development of the chick during the first three days. Laboratory work throughout the year with a weekly quiz or lecture. Text-books: Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology. Pre-requisite, General Biology.

IV. Physiology.  
Two hours per week.

V. Materia Medica and Therapeutics. Two double hours per week.
Lectures and recitations. The department is provided with a collection of medicines embracing most of the remedies now in use, both officinal and unofficinal, thereby aiding the student in the acquisition of trustworthy knowledge regarding the physical properties and characteristics of remedial agents. For the purpose of practical instruction, from time to time, experiments will be performed on the lower animals in order to better acquaint the student with the physiological and toxic action of various drugs.

VI. Human Anatomy.  
Two double hours per week.
Gray's Anatomy: (1) Osteology, Articulations, Muscles and Fascie. (2) Circulatory System, Respiratory System, Nervous System, Organs of Special Function, with course of dissection. (3) Minor Surgery: Sutures, Bandages, Dressings, Methods, Preparation, Practical Work.
DEPARTMENT OF MUSIC.

To the student of music, the University can offer advantages and facilities of an unusual order. Arrangements with the Indianapolis College of Music have secured the services of its staff of teachers and assistants. The principals of the various branches taught are specialists of thorough education from the most famous schools of Europe; the assistant teachers are well trained and competent.

Pupils who are identified with the University in literary work will be granted a diploma in music upon the completion of the following or a similar curriculum.

Two Preparatory Grades, in which arm, hand and finger touch are introduced.

Ear culture and all the more common notation figures necessary to a correct comprehension of time, with varied note lengths.

Finger exercises of many kinds, including Mason's two-finger exercises.

Preparation scale exercises, with scales in a rhythmical form of one or two octaves with grand arpeggio.

The studies and pieces best calculated to accomplish the desired result are used. These grades are usually completed in one year.
DEPARTMENT OF MUSIC.

FRESHMAN YEAR.

Mason's two-finger exercises continued. Scales in three octaves, in rhythmical form, with grand arpeggios in all positions. Kuhlmann's Sonatines. Liebert and Stark. Velocity Studies. Some sonatas of Haydn's and pieces of various schools, old and new. Pupils in this grade will be permitted to play in private recitals and public concerts.

SOPHOMORE YEAR.

Two-finger exercises with scales and arpeggios in canon form, in difficult rhythms. Sight reading, including the best literature and musical analysis, with much theory, including phrasing and musical form in its various relations. Heller, Mozart, Bach and Mendelssohn will be studied in this connection, as well as more modern writers, and pupils will now be required to play solo numbers in both public and private recitals; and tempos must be brought to metronome time.

JUNIOR YEAR.

Scales and arpeggio in new and complicated rhythms, with minor scales and arpeggio. Sight reading in musical literature, musical analysis, velocity studies, octave studies, studies of the romantic school, with sonatas of Mozart, Beethoven and much music of the modern school of composers.

SENIOR YEAR.

Complicated technical exercises; double thirds and sixths; studies of Cramer, Kullak, etc. Almost the entire year is devoted to the study of the writers of the romantic school of composers, including Schubert's impromptus, Chopin's waltzes, nocturnes, preludes and Schumann selections, with concerted music of the best grade, including many pieces of modern times, with sight reading of the best musical literature and graduation solo.

The works of J. S. Bach to be studied in each grade; also many technical and velocity studies by Czerny and Clementi, including Clementi's Gradus ad Parnassus.
TERMS.

Piano, two lessons a week ........................................ $15.00
Voice, " " " .................................................. 15.00
Piano, one lesson a week ........................................ 8.00
Voice, " " " .................................................. 8.00

Harmony, in classes of six or more, one lesson per week, $5.00.

Piano practice at reasonable rates. Address,

J. M. DUNGAN,
INDIANAPOLIS COLLEGE OF MUSIC,
Indianapolis, Ind.,

Or Musical Department of Butler University.
BURGESS HALL PREPARATORY SCHOOL.

INSTRUCTORS.

Omar Wilson, A. B.,
Principal.

H. T. Mann, B. S.,
Lida E. Gilbert,
Eva M. Jeffries, A. B.

Organization.

The Preparatory School was formally separated from the College proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Burgess Hall, and by the employment of additional instructors.

Purpose.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a Preparatory School. This is verified every year in the case of those who come from high schools and seminaries where the studies are not arranged with reference to college work. These schools often have brief courses
in Mental Philosophy, Moral Philosophy, Chemistry and other subjects which must be studied more fully in college.

Admission.

In order to enter the First Preparatory class, applicants are required to pass examinations in Descriptive Geography, Arithmetic, Elementary Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory must pass examination on the work of the First Preparatory and applicants for admission to the Third Preparatory on that of the Second Preparatory. See p. 101.

Exceptions to the above are made only in the case of students from other colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

Classification.

Although a student may have the larger part of his work in the Third Preparatory, yet if he have as much as a year's deficiency in more than one study he will be classed Second Preparatory. A student similarly
deficient in the Second Preparatory will be classed First Preparatory.

**Entrance Examinations.**

There will be two periods for entrance examinations, one during commencement week and one during the first week of the fall term. We urge all who can to take the examinations in commencement week. In case some should fail at that time they would have the summer vacation in which to prepare for the fall examinations. Candidates for First Preparatory will have examinations as follows:

Monday, June 11, and Tuesday, Sep. 4, 1894.
Descriptive Geography ........................................ 8–10 A. M.
Arithmetic ......................................................... 10–12 "
English Grammar .................................................. 2–4 P. M.

Tuesday, June 12, and Wednesday, Sep. 5, 1894.
U. S. History .................................................... 8–10 A. M.
Physiology ......................................................... 10–12 "

Candidates for admission to the Second Preparatory will be examined:
Monday, June 11, and Tuesday, Sep. 4, 1894.
Latin (one year’s work) ......................................... 8–10 A. M.
General History .................................................. 10–12 "
English (Reed and Kellogg’s *Higher Lessons* or an equivalent).
American Literature. See p. 101.................................. 2–4 P. M.

Tuesday, June 12, and Wednesday, Sep. 5, 1894.
Civil Government .................................................. 8–10 A. M.

Candidates for admission to the Third Preparatory will be examined:
Monday, June 11, and Tuesday, Sep. 4, 1894.
Latin (Second Preparatory work or an equivalent) ...... 8–10 A. M.
German (one year’s work) ........................................ 10–12 "
Greek ............................................................... 2–4 P. M.
Tuesday, June 12, and Wednesday, Sep. 5, 1894.

English (Second Preparatory work) ........................................ 8-10 A. M.
Algebra (To Quadratic Equations) ......................................... 10-12 "

In the spring of 1895 the entrance examinations will be as follows:

**FIRST PREPARATORY.**

- **Monday, June 3—**
  - Descriptive Geography ............................................... 8-10 A. M.
  - Arithmetic ........................................................................ 10-12 "
  - English Grammar .......................................................... 2-4 P. M.
- **Tuesday, June 4—**
  - U. S. History ............................................................... 8-10 A. M.
  - Physiology ......................................................................... 10-12 "

**SECOND PREPARATORY.**

- **Monday, June 3—**
  - Latin (one year's work) .................................................. 8-10 A. M.
  - General History .............................................................. 10-12 "
  - English (Reed and Kellogg's Higher Lessons in English or an equivalent) American Literature. See p. 100 ........................................ 2-4 P. M.
  - Civil Government .............................................................. 4-5 "

**THIRD PREPARATORY.**

- **Monday, June 3—**
  - Latin (Second Preparatory work) ..................................... 8-10 A. M.
  - German (one year's work) ................................................ 10-12 "
  - Greek ............................................................................... 2-4 P. M.
- **Tuesday, June 4—**
  - English (Second Preparatory work) ................................... 8-10 A. M.
  - Algebra (To Quadratic Equations) .................................... 10-12 "

It is important that these examinations shall be taken at the times appointed. Students will then be ready to begin registration on the opening day of school, Sep. 6. Those who fail to attend on the days
announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors.

Classes.

In the first year all students have the same studies. In the second and third years the students choose between Greek and German. Farther than this, studies in the Preparatory are not elective.

Physical Culture.

Physical culture twice a week in the gymnasium is required of all Preparatory students. Young men are required to provide themselves with the Infantry Drill Regulations of the U. S. Army. Soft-soled shoes must also be provided. These may be procured in Indianapolis at a moderate price.

Library and Reading Room.

Preparatory students have the same privileges of the library and reading room as the students in College.

Declamatory Contest.

A contest in declamation is held near the close of the third term. The first prize is ten dollars; the second, five dollars and the third, three dollars. Joseph I. Irwin, of Columbus, Ind., offers the prizes.

None but preparatory students who show interest and ability in elocution may enter this contest. Those who
wish to compete are required to make known their intention to Miss Gilbert, and to hand her their selections not later than the second week of the third term. Miss Gilbert gives special instruction to all contestants who wish help. Judges are chosen by the Faculty. This contest has proven to be a great benefit to those who take part and of much interest to all. In 1894 Bona Thompson won the first prize, Mabel Tibbott, the second and Thomas Shipp the third.
CLASSES.

FIRST YEAR.

1. ENGLISH: (a) In analysis, the text-book is Reed & Kellogg's Higher Lessons in English. It is usually found necessary to review first the verb paradigms.

(b) In American literature selections are studied from Hawthorne, Irving, Holmes, Longfellow and Whittier. When entering the Preparatory students usually have read very little standard literature. This course seeks not only to make them acquainted with some of the best American authors, but also to quicken their appreciation of what is really good and to secure to them correctness in their own writing. In connection with this work the class writes short compositions. Analysis twice a week. Literature three times a week. Five hours a week.

2. LATIN. Lowe & Ewing's Bellum Helveticum is used. This book employs the so-called inductive method to a limited degree. Caesar is studied from the first. Paradigms are committed as rapidly as possible and exercises in inflection are kept up through the entire year. Idioms are not brought forward until examples are met with in the author. Portions of the text are committed to memory almost daily and these furnish a basis for oral and written translation from English into Latin. Reviews are frequent and thorough. Last year the class completed twenty-eight chapters of the first book of Caesar. Five hours a week.

3. HISTORY: Myers' General History is used as text-book. Students are referred to the library for more complete accounts of important topics. First two terms. Five hours a week.

CIVIL GOVERNMENT: With the help of the text-book the constitution of the United States is studied. Portions are committed to memory. Third term. Five hours a week.
5. Physical Culture: (a) Boys: Drill from the Infantry Drill Regulations of the United States Army; free-hand, dumb-bell, wand and Indian club exercises; easy work on some of the gymnastic apparatus; and gymnastic games are required of all.

   (b) Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used. Two hours a week.

SECOND YEAR.

1. English: (a) Rhetoric, twice a week. Text book, Williams'. This is continued throughout the year, and completed as far as versification.

   (b) Literature, twice a week. In the first term Lowell and other American authors. This completes the course of four terms in American literature. The three succeeding terms are given to English literature. In the second term the class studies some of Scott's poems and one of his novels, and in the third term one of Shakespeare's plays. The composition work consists of one long essay each term, together with many short written exercises, all of which are usually based on the works being studied.

   (c) Elocution: Special attention is given to correct respiration, articulation and voice culture. Class analyses selections from prose and poetry. Each student is required to give a declamation each term, and to receive criticism. Shoemaker's Practical Elocution is used as text-book once a week. Four hours a week.

2. Latin: In the first and second terms the class reads four books of Caesar, and in the third term two orations of Cicero against Catiline. There is daily exercise in prose composition, either oral or written. In recitation the class usually translates, first, the advance lesson, and then as review the lesson of the previous day. On this review is based the composition work. This method secures the student's careful attention to the text, not alone with reference to translation, but also with regard to the Latin construction and order of words. Four hours a week.
3. **Greek:** The method in the beginning Greek is much the same as in the beginning Latin. As soon as the class learns the alphabet it takes up Xenophon’s Anabasis. In doing this it is not the thought that the student shall at the first attempt any serious work in translation. In the first year much time must always be given to learning the forms. It is the aim, however, by daily practice in reading the text aloud, and by turning short English sentences into Greek similar to the text, to make the student ready and accurate in the use of these forms. Although chief stress is laid upon learning the paradigms and acquiring a vocabulary, yet the practice in composition also seeks to acquaint the student with the construction of Greek sentences. *Four hours a week.*

or

**German:** Joynes-Meissner’s *German Grammar* is used as the textbook. Joynes’ *Reader* is taken up as soon as the class is far enough advanced. In this year it is intended to ground the student thoroughly in the principles of German Grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Four hours a week.*

4. **Mathematics:** Wentworth’s *Complete Algebra* is taken up in the first term and continued through the year. Class completes the work as far as *Quadratic Equations,* page 196. *Four hours a week.*

5. **Physical Culture:** Same kind of work as First Preparatory. See page 101. *Twice a week.*

### Third Year.

1. **English:** *(a) Williams’ Rhetoric* completed in the first term, beginning with *versification.* *Once a week, first term.*

   *(b) English Literature.* In the first term the class studies the *Idyls of the King* and other poems. These are made the basis of the composition work. *Once a week, first term.*

   *(c) Greek Mythology.* In the second term the class studies Church’s Stories of the Iliad and the Aeneid. References are made daily to the works on mythology in the College library. It is the purpose to awaken the student’s in-
terest in Greek Mythology, and to give him an intelligent conception of its main ideas. It is planned also with reference to the English work of the Freshman year. *Twice a week, second term.*

(d) Elocution. Continuation of the work of the Second Preparatory. *Once a week first term; twice a week second term; three hours a week first term; four hours a week, second term.*

2. Latin: (a) Five books of Vergil are read the first and second terms and three orations of Cicero the third term.

(b) In composition the class uses Allen's Introduction to Latin composition. *Four hours a week.*

3. Greek: Two books of Xenophon's *Anabasis* are read in the first and second terms and Xenophon's *Symposium* in the third term. Composition every day. *Four hours a week.*

or

German: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. No dictionaries are to be used in this year's work. At each recitation the instructor gives to the class the words necessary for the succeeding lesson. No word is given more than once. This plan requires students to commit the vocabularies given from day to day. It also affords opportunity for training in word analysis and calling attention to the affixes and their functions.

(b) Composition—Harris. In addition to this there are frequent exercises in composition based upon the reading. *Harris' Composition* twice a week. Reading twice a week. *Four hours a week.*

4. Mathematics: (a) *Wentworth's Complete Algebra* as far as Binomial Theorem, p. 316. *Two hours a week* during the first term.

(b) *Wentworth's Plain Geometry.* *Four hours a week* during the third term.

5. Science: (a) Physics—*Gage's Elements* during the first half-year. Class recites three times a week during first term and four times during first half of second term.

(b) Botany. Text book is *Spalding's Introduction to Botany.* Second half year. *Four hours a week.*

6. Physical Culture twice a week in gymnasium.
In the Third Preparatory the studies are not all so continuous as in the other two years, so the following arrangement by terms is given for the sake of clearness:

**First Term.**

{ (a) Williams' Rhetoric—Versification, once a week.
1. English.—{(b) English Literature, once a week.
   (c) Elocution, once a week.
2. Latin.—Vergil—Composition, three hours.
3. Greek.—Xenophon's Anabasis—Composition, four hours.
   or
   German.—Reading—Composition, four hours.
4. Mathematics.—Algebra, Wentworth's Complete, two hours.
5. Science.—Gage's Elements of Physics, three hours.
6. Physical Culture.—Two hours.

**Second Term.**

1. English.—Greek Mythology, twice a week.
   Elocution, twice a week, four hours.
2. Latin.—Vergil—Composition, four hours.
3. Greek.—Xenophon's Anabasis—Composition.
   or
   German.—Reading—Composition, four hours.
   (b) Botany—second half term, four hours.
5. Physical Culture.—Two hours.

**Third Term.**

1. Mathematics.—Wentworth's Plane Geometry, four hours.
2. Latin.—Cicero—Composition, four hours.
3. Greek.—Xenophon's Symposium—Composition.
   or
   German.—Reading—Composition, four hours.
4. Science.—Botany, four hours.
5. Physical Culture.—Two hours.
CATALOGUE OF STUDENTS.

DEGREES CONFERRED—1893.

Doctor of Philosophy.

    Thomas Harvey Kuhn, A. M. ................ Tipton.

Master of Arts.

    Benjamin Franklin Dailey, A. B. ........... Irvington.
    Robert Franklin Davidson, A. B. .......... North Salem.
    Robert Hall, A. B. ........................ Kendallville.
    Thomas Aaron Hall, A. B. ................ Centerville, Ind.
    Thomas Carr Howe, A. B. ................... Irvington.
    Vida Tibbott, A. B. ........................ Irvington.

Master of Science.

    Benjamin Marshall Davis, B. S. .......... Whittier, Cal.

Bachelor of Arts.

    Stella Braden .............................. Irvington.
    Jesse Lincoln Brady ....................... Rensselaer.
    Evelyn Mitchell Butler .................... Irvington.
    Edward Harry Clifford .................... Indianapolis.
    Julia Fish ................................. Indianapolis.
    Will David Howe ............................ Irvington.
    Lona Louise Iden ........................... Irvington.
    Mary Eola Thomas .......................... Riverside, Cal.
    Bertha Belle Ward .......................... Indianapolis.

Bachelor of Science.

    Harry Seymour Brown ....................... Wanamaker.
    Frank Hummel .............................. Cumberland.
    Daniel Wonderlich Layman ................ Irvington.
    John Minnick .............................. Dora.
    Luther Addison Thompson .................. Acton.
    Frank Ford Williams ....................... Wabash.
CATALOGUE OF STUDENTS.

GRADUATE STUDENTS.

Arnold, Mary Edna, A. B. (University of Illinois) ........................................ Souders, Ill.
Clarke, William Franklin, A. B. .................................................... Mount Auburn.
Clifford, Edward Harry, A. B. ......................................................... Indianapolis.
Dailey, Benjamin Franklin, A. M. ......................................................... Irvington.
Findley, Joseph Frank, A. B. ............................................................ Indianapolis.
Hall, Robert, A. M. ........................................................................ Indianapolis.
Howe, Will David, A. B. ................................................................. Indianapolis.
Perry, Frances Melville, A. B. ........................................................... Indianapolis.
Smith, James Challen, A. B. .............................................................. Indianapolis.
Taylor, Charles Burr, A. B. (Oskaloosa College) ...................................... Indianapolis, Iowa

SENIORS.

Baker, Charles Elsworth ................................................................. Peru.
Barnett, John Wilbert ................................................................. Onberg, Pa.
Brickert, Edwin Wallace .............................................................. Irvington.
Bruer, George Green ................................................................. Indianapolis.
Elliott, Rose ................................................................. Indianapolis.
Galvin, Mary Bemis ................................................................. Irvington.
Goe, Clara Mae ................................................................. Irvington.
Hicks, George Elmer ................................................................. Irvington.
Johnson, Emma Claire ................................................................. Irvington.
Moore, Isabelle Aurelia .............................................................. Wanamaker.
Murray, Ora May ................................................................. Olathe, Kansas.
Riley, Charles Albert ................................................................. Irvington.
Stevens, Charles Augustus ........................................................... Port Elgin, Ontario.
Stover, Anna Charlotte ............................................................. Ladoga.
Surley, Edith Daisy ................................................................. Indianapolis.
Van Sickle, Myrtle ................................................................. Fenton.

JUNIORS.

Brayton, May ................................................................. Indianapolis.
Brayton, Nelson Dewey .............................................................. Indianapolis.
CATALOGUE OF STUDENTS.

BREVOORT, Harriet Nell........................... Columbus.
Brown, Edward Augustus............................. Wanamaker.
Forsythe, Edgar Thomas.............................. Trafalgar.
Fox, Andrew Noah.................................. Indianapolis.
Galvin, Georgia Noble................................ Irvington.
Goodykoontz, Eva Lou................................ Irvington.
Green, Dora.......................................... Plainfield.
Hadley, Lora Collins................................. Indianapolis.
Henderson, Henry Leonard............................ Irvington.
Hoke, George Wilson.................................. Wabash.
Lepper, Mamie......................................... Kendallville.
Mace, Laura............................................ Bloomer.
McNeal, Rose........................................... Romona.
Reeves, Grace May..................................... Columbus.

SOPHOMORES.

Armstrong, Horace Howard............................ Kokomo.
Brady, Clarence Abram................................ Irvington.
Butler, John Scot...................................... Irvington.
Carpenter, Arthur Bliss............................... Wabash.
Clark, Edward William................................. Indianapolis.
Culbertson, Charles Wingate........................ Brazil.
Davis, John Quincy.................................... North Salem.
*Field, Gertrude Ethel................................ Indianapolis.
Hobson, Frank Drake.................................. Irvington.
Hynes, Amos Patterson................................ Indianapolis.
Jeffries, Moddie Alice................................. Irvington.
Jeffries, Pearl......................................... Irvington.
Ludlow, Earl Thayer................................... Irvington.
Moore, Katherine...................................... Irvington.
Orme, Hence Irwin..................................... Glenn's Valley.
Payne, William Elmer................................ Mt. Auburn.
Phillips, William Engarde............................ Irvington.
Sidener, Merle......................................... Indianapolis.
Somerville, Alfred Holiday............................ Indianapolis.
Thompson, Etta......................................... Muncie.
Thorothy, Agnes....................................... Irvington.

* Died Nov. 2, 1898.
WILLIAMS, JESSE Benton. Wabash.
WRIGHT, GEORGE Gould. Indianapolis.
YOKE, CHARLES Richard. Indianapolis.

FRESHMEN.

BARKER, ORNAN Eastman. Danville.
BARKER, THOMAS RILUS. Danville.
BREVOORT, Lulu. Columbus.
BURKARDT, JAMES Calvin. Irvington.
BURTON, WILLIAM Shakespeare. Washington, D. C.
BYRAM, PERRY M. Irvington.
CHRISTIAN, JESSIE Lanier. Indianapolis.
CORE, WILLIAM Fifield. Irvington.
CURRYER, Ethel Rous. Indianapolis.
EATON, MYRON Clinton. Boone Grove.
FARTHING, ETHEL ROUS. Clarksville.
FLETCHER, MARY. Indianapolis.
FOSTER, ROBERT Sandford. Indianapolis.
FREEMAN, BEN. New Palestine.
GOE, HERBERT Edwin. Irvington.
GRAHAM, ERRETT McLeod. Irvington.
HADLEY, WALTER Gresham. Danville.
HOWE, CARRIE Rebecca. Irvington.
HUDSON, CHARLES Rollin. Paris Crossing.
JONES, FRED. Bally. Milton.
LISTER, JOHN Thomas. Brookston.
MCGAUGHEY, SAMUEL. Irvington.
MARTIN, ROBERT Elam. Greenfield.
MATTHEWS, JAMES Corydon. Indianapolis.
MAXWELL, HOWARD Hodges. Martinsville.
PARKER, EDWARD Everet. Maxinkuckee.
ROBERTS, ALONZO Swain. Irvington.
SCOTT, DONALD Gamaliel. Irvington.
SHIMER, JAMES Tilden. Irvington.
SHIPP, Thomas Roerty. Irvington.
SHRADER, IRA Burns. Jeffersonville.
Sweeney, Nettie .............................................. Columbus.
Thompson, Bona .............................................. Irvington.
Vinton, Stallo ................................................. Indianapolis.
Williams, Percy Burton .................................... Indianapolis.

OPTIONAL STUDENTS.

Acton, Glenn .................................................. Clayton.
Alexander, Lenora May ........................................ Rushville.
Anderson, John Campbell .................................... Irvington.
Ashmore, Samuel Monroe .................................. Kansas, Ill.
Atkinson, Mary Katharine .................................. Wabash.
Bales, Berton Burk ........................................... Indianapolis.
Barnhill, Lenore Hazel ...................................... Crawfordsville.
Barnhill, Retta Valeria ....................................... Irvington.
Bender, Re ....................................................... Indianapolis.
*Bixler, Eva Margaret ....................................... Kokomo.
Blount, Roland ................................................ Raleigh.
Blount, Willis Marvin ......................................... Irvington.
Brickert, Minnie .............................................. Irvington.
Canady, Harry Burton ......................................... Anderson.
Carter, Franklin Lindley .................................... Indianapolis.
Clarke, Armstrong Brandon .................................. Vincennes.
Clarke, Walter Clement ....................................... Shoals.
Clawson, Joseph ............................................... Raleigh.
Fish, William Ross ............................................ Indianapolis.
Ging, Virgil Byron ............................................ Irvington.
Graham, Mary .................................................. Knightstown.
Haas, Clara ..................................................... Wabash.
Hall, Albert Fitch ............................................. Indianapolis.
Hawkins, Samuel Ripley ...................................... New Harmony.
Henry, Minnie ................................................... Irvington.
Henry, Charles Graham ....................................... Indianapolis.
Hollett, John Everett ........................................ Indianapolis.
Johnson, Arthur Albert ...................................... Irvington.
Johnson, Blanche .............................................. Indianapolis.
Kingsbury, Frank Enoch ...................................... Irvington.

*Died April 7, 1894.
LEWIS, Grant Kirkland. Irvington.
Lloyd, Eliza Dohrland. Arcola.
Locey, Herman Tennyson. Indianapolis.
Moorhead, Albert Lowry. Indianapolis.
Morris, Joseph Franklin. Irvington.
Moore, William Smelsor. Irvington.
Negley, Bertha. Irvington.
Pitcher, Ella May. Samaria.
Poppy, Dorothy Belle. Kendallville.
Recker, Carlos. Indianapolis.
Rogers, Newell. Indianapolis.
Root, William Rensselaer. Indianapolis.
Rupp, Laura Evelyn. Indianapolis.
Stevenson, Benjamin. Irvington.
Stewart, Clifford. Rolling Prairie.
Stewart, Theresa. Fort Wayne.
Tibbott, Mabel Harriet. Irvington.
Towns, Helen Alvira. Ravenna, Ohio.
Vail, Helen Chapin. Indianapolis.
Walts, Grace Vivian. Marion.
Washburne, Ira Miller. Rensselaer.

FIRST PREPARATORY.

Adams, Daniel Shimer. Wanamaker.
Banning, Bessie Maxon. Irvington.
Beerman, William Henry. Indianapolis.
Bender, Guy. Indianapolis.
Beville, Henry Montreal. Indianapolis.
Black, Drew. Indianapolis.
Bland, Marcus Aurelius. Brownsburg.
Blaney, Lulu Maud. Kendallville.
Blount, Effie Patterson. Irvington.
Byram, Anna. Martinsville.
Carver, Edwin. Irvington.
Carver, Glen Dale. Alexandria.
CATALOGUE OF STUDENTS.

CARVER KIPPE LEONE.................................................. Alexandria.
EDGEWORTH, ANNA.......................................................... Irvington.
EVANS, JAMES HIRAM..................................................... Kewanna.
GRAHAM, MARY CHARLOTTE.............................................. Irvington.
HALL, JESSE LEE............................................................ Laughlinstown, Pa.
LEWIS, STEPHEN............................................................ Eureka, Ill.
LONG, HENRY WEBSTER................................................... Indianapolis.
LOOP, CARL RAYMOND.................................................... Orth.
LOOP, MARION............................................................... Mace.
LUCAS, MAX JUDAH......................................................... Indianapolis.
LYON, JOHN CHRISTIAN.................................................. Indianapolis.
McQUAT, BURFORD.......................................................... Indianapolis.
NAUGLE, CRAWFORD....................................................... Laughlinstown, Pa.
NULL, MARION MICHAEL.................................................. Blandsville, Ill.
PACE, HENRY............................................................... Indianapolis.
READING, RUSSELL RUDOLPH............................................ Irvington.
ROYSE, BENJAMIN FRANKLIN.......................................... Indianapolis.
SMITH, GEORGE MORACE................................................ Irvington.
SMITH, SOPHIA ADELAIDE............................................... Fountaintown.
Snyder, Ida Charlotte.................................................. Irvington.
Stevens, James Henry................................................. Bet. Bet. Victoria, Australia.
TREMPLY, CLARA ALBERTA............................................. Indianapolis.
URMSTON, GUY............................................................. Indianapolis.
Youngblood, Jaalah Belle............................................. Kokomo.

SECOND PREPARATORY.

BERG, HERBERT NEWTON................................................ Irvington.
BROUSE, JULIA THORPE................................................ Irvington.
BURFORD, ERNST HOBBS.............................................. Indianapolis.
CAMPBELL, BESS VIRGINIA........................................... Irvington.
CAYLOR, IDA CATHERINE............................................. Irvington.
CHASE, FRANK ERRETT................................................ Irvington.
COMFORT, WILLIAM ERIE............................................. Irvington.
CURRY, KITTY............................................................. Edwardsport.
DOBYSNS, CHARLES LARNE............................................ Greensburg.
FIELD, AUGUSTUS....................................................... Indianapolis.
FLETCHER, FANNY BENCE............................................ Indianapolis.
GING, MYRTLE IDONIA.................................................. Irvington.
Graham, Ernest Burgess ........................ Irvington.
Grubb, Stanley .................................. Shelbyville.
Higgins, Otis Centennial ........................ Lebanon.
Kincaid, Hattie .................................. Irvington.
Knotts, William ................................. Jolietville.
Koepper, Henry Christian Fred .................. Indianapolis.
Little, Bertha May ............................... Irvington.
McCallum, Elizabeth Gertrude .................... Irvington.
McCollum, Gertrude ................................ Indianapolis.
McMillan, John William .......................... Irvington.
Moon, Lee Walters ................................ Indianapolis.
Moore, Anna ....................................... Irvington.
Moorman, Elvet Eugene ........................... Paoli.
Rioch, David ...................................... Irvington.
Roberts, Ethel Boor ................................ Irvington.
Smith, John Lee ................................... Waynesville, O.
Smith, Orren Ernest .............................. Avon.
Towles, Fred ....................................... Irvington.
Ward, Albert ....................................... Irvington.
Ward, Stella Haile ................................ Indianapolis.
Wilson, Frank ...................................... Irvington.
Wilson, Wilmer .................................... Irvington.
Wright, Paul Randall .............................. Indianapolis.
Yates, Emmett .................................... Indianapolis.

SUMMARY OF STUDENTS.

Candidates for advanced degrees .................. 10
Seniors ............................................ 16
Juniors ........................................... 16
Sophomores ....................................... 24
Freshmen .......................................... 36
Optional .......................................... 53
Second Preparatory ................................ 37
First Preparatory .................................. 36

Total ............................................. 228
BUTLER ALUMNI ASSOCIATION.

President—F. Rollin Kautz, '87, Irvington.
Vice-President—Georgia Butler, '91, Irvington.
Secretary—Robert Hall, '91, Irvington.
Treasurer—D. C. Brown, '79, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.
Nancy E. Burns, M. S. (Mrs. A. M. Atkinson). Wabash.
John Kimmons, A. M., Minister. Missouri.

CLASS OF 1857.
T. C. Elliott, B. S. Iowa.
W. G. Hastings, B. S. Missouri.

CLASS OF 1858.
Cyrus Nerva Blount, A. M. (M. D., Jefferson Medical College), (Died Dec. 28, 1887), Physician. Kokomo.
W. S. Major, A. M., Editor. Fort Wayne.
Jesse Walden, A. M., Minister. Lancaster, Ky.

CLASS OF 1859.
Barzillai M. Blount, A. M., Minister. Irvington.
I. N. Binford, B. S., Lawyer (Died March 10, 1890) ..... Indianapolis.
Aaron D. Goodwin, A. M., Teacher (Died 1892) .. Salina, Kansas.
Perry Hall, A. M., Minister (Died in service as Chaplain, Oct. 27, 1862) ...... Indianapolis.
Jacob T. Lockhart, A. M. ...... Steamboat Springs, Col.
Estel R. Moffet, B. S., Lawyer .... Rushville.
A. M. Mothershead, B. S. ......
Levi Hanson, A. M., Teacher .... Missouri.

CLASS OF 1860.
John P. Avery, B. S., M. D., 449 N. East St. ... Indianapolis.
George Carter, B. S., Lawyer, 72 W. Second St. Indianapolis.
John A. Campbell, A. M., M. D. Steamboat Springs, Col.
Friend C. Goodwin, A. B., Teacher (Died April 16, 1861) ...... Indianapolis.
Andrew M. Goodbar, B. S., Lawyer (Deceased) ... Greencastle.
Thomas R. Lawhead, B. S., Lawyer .............
William W. Leathers, A. M., Lawyer (Died in 1875) ...... Indianapolis.
Isaac N. Porch, A. M., Minister (Died in 1885) ... Bloomington.
Irvin Robbins, A. M., Manufacturer, 12 W. North St. ...... Indianapolis.
John M. Snoddy, A. M., M. D., Physician (Died September 20, 1890) ... Mooresville.
Lydia E. Short M. S. (Mrs. James Braden) ...... Irvington.
Abram D. Williams, A. M., M. D., Oculist and Aurist, 1407 Olive St. ...... St. Louis, Mo.

CLASS OF 1861.
W. W. Daugherty, B. S., Captain (Retired) ...... Los Angeles, Cal.
Charles F. Lockwood, A. M., Merchant, 211-3 Wabash Ave ...... Chicago.

CLASS OF 1862.

William H. Brevoort, A. M., Farmer...Vincennes.
James A. Bruce, B. S., Florist and Capitalist, 700 College Ave. (Died December 13, 1893)...Indianapolis.
Austin F. Denny, A. M. (LL. B. Harvard, 1868), 847 N. Delaware St...Indianapolis.
Addison C. Harris, B. S., LL. B., 744 N. Meridian St...Indianapolis.
Alvin I. Hobbs, A. M., LL. D., Professor Theology Drake University...Des Moines, Iowa.
John T. Jackson, A. M., Lawyer (Died 1866)...Indianapolis.
Demia Butler, A. M. (Mrs. Townley), (Died Oct. 26, 1867)...Indianapolis.
C. Eliza Brown, M. S. (Mrs. W. H. Wiley)...Terre Haute.

CLASS OF 1863.


CLASS OF 1864.

Wickliffe A. Cotton, A. M., Lawyer...De Witt, Iowa.
Alexander C. Easter, A. M., Farmer...Burlingame, Kan.
John B. Easter, A. M., Minister (Died Dec. 12, 1885)...Kansas.
William H. Wiley, A. M., Sup't Schools...Terre Haute.

CLASS OF 1865.

John S. Duncan, B. S. (LL. B. Harvard, 1867), Lawyer, 672 N. Alabama St...Indianapolis.
James H. McCollough, A. M., Minister...Irvington, Cal.
BUTLER ALUMNI ASSOCIATION.

CLASS OF 1866.

Jacob B. Blount, A. M., Minister .................. Raleigh.
Henry H. Black, A. M., Real Estate Agent ... Oklahoma City, O.T.
Howard Cale, A. M., Lawyer, 526 Broadway .... Indianapolis.
Alfred Fairhurst, A. M., Professor Natural
Sciences, Kentucky University, 351 N. Broadway ...... Lexington, Ind.
Katherine E. Coffin, M. S. (Mrs. Hadley) .... Bloomingdale.
Alice E. Secrest, M. S. (Mrs. G. W. Snyder), 785 N. Delaware St. Indianapolis.

CLASS OF 1867.

Albert T. Beck, A. M., Lawyer (Died April 23, 1894), 479 College Ave Indianapolis.
Frank C. Cassel, B. S., Sup't Schools .... Rossville.
John H. Lewis, B. S., Editor ............ Anderson.
Benj. C. Wright, B. S., Lawyer, 279 N. Delaware St. Indianapolis.
Samuel Winfield, B. S., Merchant ...... Chanute, Kan.
David Utter, B. S., Minister .......... Salt Lake City, U. S.
Indiana Crago, M. S. (Mrs. A. C. Harris), 744 N. Meridian St Indianapolis.

CLASS OF 1868.

Alex. C. Ayers, A. M., Lawyer, 31 Woodruff Place Indianapolis.
Scot Butler, A.M., President Butler University, Irvington.
Barbara F. Blount, M. S. (Mrs. F. C. Cassel) Rossville.
Alcinda T. Blount, M. S. (Mrs. J. A. Canady) Anderson.
Jos. W. Marsee, A. M., M. D., Physician, 153 N.
East St. Indianapolis.
Mary M. Moore, M. S. (Mrs. McConnel) Oxford.
Harry C. Ray, A. M., Auditor Shelby Co, 66 N.
Harrison St. Shelbyville.
BUTLER ALUMNI ASSOCIATION.

ANNA W. SCOVEIL, M. S. (Mrs. Chauncy Butler),
107 Woodruff Place ...................... Indianapolis.
WALTER S. SMITH, M. S., Minister ............. Arlington.
EDWIN TAYLOR, A. M., General Counsel E. & T.
L. R. R. .................................. Evansville.
GRANVILLE S. WRIGHT, B. S., Lawyer, 275 N.
Delaware St. ................................ Indianapolis.

CLASS OF 1869.

CHAUNCY BUTLER, A. B., Manufacturer, 107
Woodruff Place ...................... Indianapolis.
THOS. J. BYERS, A. M., Merchant ................ Franklin.
JOHN W. TUCKER, A. M., Lawyer ............... Lynn, Kansas.
LORENZO TUCKER, A. B., Minister (Deceased) .. Wabash.
HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
Physician, 228 N. Delaware ..................... Indianapolis.
JOHN MOORE, B. S., Lawyer, 229 N. Penn ........ Indianapolis.
WINFIELD S. RAY, B. S., Editor ................. Shelbyville.
WILLIAM P. STANLEY, B. S. (LL. B. Indiana Uni-
versity), Farmer .......................... Arlington.

CLASS OF 1870.

AUSTIN COUNCIL, A. B., Minister (Died Mar. 11,
1871) .................................. Mankato, Minn.
JOHN N. BOYS, B. S., Merchant (Deceased) ....... Steeles.
JENNIE LAUGHLIN, A. B., Teacher and Mission-
ary to Jamaica (Deceased) ................... Indianapolis.
THOMAS WILSON LOCKHART, A. M., Lawyer ...... Bakersfield, Cal.
DANIEL BOONE WILLIAMS, A. M. (M. D., Miami
Medical College, 1874), (Died Nov. 5, 1876) ...Los Angeles, Cal.

CLASS OF 1871.

JAS. M. CULBERTSON, B. S., Farmer ............ Malott Park.
JOHN H. HAMILTON, B. S., Minister (Died in 1873). New Philadelphia.
BENJAMIN F. KINNICK, A. M., Farmer ............ Greenwood.
Oscar F. Lane, A. M., Minister, Bainbridge.
Edwin T. Lane, A. M., Minister, Lebanon.
James W. Monroe, A. M., Minister, Modesto, Cal.
Robert H. Myers, A. M., Carpenter, 100 Greenwood St., Indianapolis.
James W. Monroe, A. M., Minister, Modesto, Cal.
Robert H. Myers, A. M., Carpenter, 100 Greenwood St., Indianapolis.

Class of 1872.

Walter Raleigh Couch, A. B., Minister, Friendville, Ill.
Walter S. Campbell, B. S., Minister, Rushville.
Nathan Ward Fitzgerald, A. B., Lawyer and Lecturer, 610 13th St., N. W., Washington, D. C.
George Henry Gifford, A. B., Lawyer, Tipton.
William Irelan, A. B., Minister, Eureka Sp'gs, Ark.
Clementine Irelan, A. B., Eureka Sp'gs, Ark.
William R. Lowe, A. M., Minister, 1516 North St., Logansport.
William H. Tiller, A. B., Minister, Warsaw, Ky.
Curtis H. Remy, A. B., Lawyer, 215 Dearborn St., Chicago, Ill.

CLASS OF 1873.

Walter B. Fertig, A. B., Lawyer, Noblesville.
James I. Hopkins, A. B., Minister, Bryan, Texas.
Allen B. Thrasher, A. M. (M. D. Medical College Ohio), Physician, 157 W. Ninth St., Cincinnati, O.
Walter S. Tingley, A. M. (M. D. Medical College Indiana), Physician, 10 W. 5th St., Newport, Ky.
CLASS OF 1874.

JEFFREY O. CUTTS, A. B., Minister .................. Riverside, Cal.
THOMAS SMITH GRAVES, A. B., Live Stock Broker,
317 N. New Jersey St. .................. Indianapolis.
EMMETT S. STILLWELL, A. B., Lawyer .................. Shelbyville.

CLASS OF 1875.

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HENRY C. OWEN, B. S. ..............................
Co., St. Louis), Virginia Ave. .................. Indianapolis.

CLASS OF 1876.

ROBERT SILAS BLOUNT, A. M., Minister (Died Oct.
28, 1883) .................................. Irvington.
CHARLES H. CATON, A. B., Congregational Minis-
ter, Englewood .................. Chicago, Ill.
NANNIE T. CUNNINGHAM, B. S. .................. Indianapolis.
MELLIE B. INGELS, A. B. (Mrs. John Julian) .. Irvington.
ALONZO MARION LYSTER, A. B., Teacher (Died
Sept. 26, 1876) .................................. Thorntown.
WINFIELD SCOTT MOFFET, A. B., Lawyer, 507 W.
Main St. ................................... Crawfordsville.
JOHN REA WOODWARD, A. M. (LL. B. Univ. of
Virginia, 1878), Lawyer (Died June 15, 1879). New Castle

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Insurance Agent .......................... Emporia, Kan.
WILLARD W. HUBBARD, B. S., Coal Dealer, 309 N.
New Jersey St. .................. Indianapolis.
HICKLIN J. LANDERS, B. S., Lumber Merchant,
379 N. Penn. St. .................. Indianapolis.
WILLIAM T. MASON, A. B., farmer .................. Mattoon, Ill.
LAFFAYETTE H. REYNOLDS, A. M. (LL. B., Central
Law School, 1880), (Died in Oct., 1891), Lawyer, Greenfield.
LEWIS WALLACE, A. B., Lawyer .................. Indianapolis.
CLASS OF 1878.

Ernest R. Copeland, B. S., Physician ..........Milwaukee, Wis.
Katherine M. Graydon, A. M., Teacher High
School.................................................Berkeley, Cal.
Oliver Romeo Johnson, Ph. B., Journalist, Denison House.......................Indianapolis.
Albert Bayard Kirkpatrick, B. S. (LL. B.,
Central Law School, 1880), Lawyer.........Kokomo.
Bizanna O'Conner, A. B..............................Emmitsburg, Md.

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Alembert W. Brayton, M. S., M. D., Physician,
808 E. Washington St..............................Indianapolis.
Demarchus C. Brown, A. M. (Greek Chair, Butler University).................'Irvington.
Joseph A. Brown, A. B., Lawyer..............Pontiac, Ill.
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Vincent G. Clifford, Ph. B., LL. B., Lawyer, 347
N. Illinois St........................................Indianapolis.
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Clarinda C. Harriman, A. B. (Mrs. L. A. Pier).Excelsior, Minn.
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Block..................................................Indianapolis.
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Edmund G. Laughlin, A. B., Pastor Miles Ave.
Church..................................................Cleveland, Ohio.
Albert B. Lewis, A. M. (M. D., Indiana Medical
College), Physician.................................Hamilton, Kan.
William J. Lhamon, A. M., Pastor Cecil Street
Church..................................................Toronto, Ontario.
Neal S. McCallum, A. M., Minister..............Irvington.
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Mary Ida Bunker, A. B., Principal of High School. Mechanicsburg, O.


Flora Frazier, Ph. B. (Mrs. P. M. Dill), 281 Bellefontaine St. Indianapolis.

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Letitia B. Laughlin, B. S., M. D., Physician, 54 High St. Warren, O.

Emma C. Swain, Ph. B. (Mrs. Dwyer). Indianapolis.

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Walter O. Williams, Ph. B. (with E. C. Atkins & Co.), 68 Talbott Ave. Indianapolis.

CLASS OF 1881.


Mary E. Couse, B. S. (Mrs. O. P. Gould), (Died 1892) Winona, Minn.


W. Henry Grove, Ph. B., Lawyer. Glasgow, Ky.


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Solomon Metzler, A. M., Teacher and Minister. Wauseon, O.
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                                        Vancouver Barracks, Wash.
Myrtella Sewall, Ph. B. (Mrs. Wetzell), 615
                                      Tremont St., Englewood .................. Chicago, Ill.
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& Co.) ........................................... Pierce, O.
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                                      Ave........................................... Indianapolis
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Martha O. Murry, Ph. B. (Mrs. E. W. Hoover),
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Arthur W. Shoemaker, Ph. B., Minister ........... Andrews.
Henry M. Toner, B. S., M. D ........................ Shelbyville.
Fred M. Wade, B. S., Teacher ...................... Thorp's Springs, Tex.
Omar Wilson, A. B., Principal Burgess Hall
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ARCHIBALD McCLELLAND HALL, A. M., Ph. D., Instructor, Butler University ............................ Irvington.

OSCAR CLEMENS HELMING, Ph. B., Student Union Theological Seminary, 50 E. 70th St .......... New York City.

WILLIAM CLARENCE MCCULLOUGH, A. M. (Univ. Mich. '90) .............................................. Stockwell.

FRANK HAMILTON MARSHALL, A.M., Prof. Greek and Hebrew, Northwestern Christian College. Excelsior, Minn.

HUGH THOMAS MILLER, A. B., Prof. of History and French, Butler University ........................... Irvington.

LOUIS JACKSON MORGAN, Ph. B. (LL. B. Yale), Attorney at Law ........................................... Indianapolis.

JOHN CAMPBELL MORRISON, A. B., Real Estate, Loan and Abstract Office .......................... Frankfort.

WILLIAM MULLENDORE, A. B., Minister .......................................................... Somerset, Pa.

JAMES BUCHANAN PEARCY, Ph. B., Principal High School ...................................................... Anderson.

MARY PADDOCK, A. B., Printer and Publisher .......................................................... Indianapolis.

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JAMES CHALLENGE SMITH, A. B., Minister .......................................................... Irvington.

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PERRY H. CLIFFORD, Ph. B., Commercial Traveler, 374 N. West St ................................... Indianapolis.

TROUSSEAU DAILEY, Ph. B., Merchant E. Washington St ...................................................... Indianapolis.
E. Edwin Frazier, B. S., Bookkeeper...........Indianapolis.
William H. Graffis, Ph. B., Journalist...........Logansport.
Thomas C. Howe, A. M., Prof. Germanic Lan-
guages, Butler University.....................Irvington.
Genevra Hill, Ph. B. (Mrs. Kirkman)...........Richmond.
William G. Irwin, B. S., Banker.................Columbus.
Mark A. LeMiller, Ph. B.........................Hutchinson, Kan.
Urban C. Mallon, Ph. B.........................Francesville.
Joseph R. Morgan, Ph. B. (M. L. Yale), Attorney
at Law............................................Indianapolis.
John J. Mahorney, Ph. B., Surveyor (Died 1892) Irvington.
William F. Ross, A. B., Minister.................Edwardsport, Ill.
Flora Shank, Ph. B., Stenographer, Sec. State
Y. W. C. A........................................Irvington.
Clara L. Shank, A. M., Teacher................Irvington.

CLASS OF 1890.

Romaine Braden, A. B............................Irvington.
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Science, Whittier College.......................Whittier, Cal.
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Charles M. Fillmore, A. B., Minister.............Peru.
Otis Webster Green, B. S. (with Indianapolis
Drug Co.), 348 N. Delaware St.....................Indianapolis.
Julia Merrill Graydon, A. B. (Mrs. Alexander
Jameson), 17 E. North St.......................Indianapolis.
J. Newton Jessup, A. B., Minister................Flat Rock.
Indiana Louisiana Martz, A. B., Teacher.....Kokomo.
Frank Hamilton Marshall, A. M..................Excelsior, Minn.
Tace Clara Belle Meeker, A. B., Teacher......Sullivan, Ill.
Frank D. Muse, A. B., Minister................Buena Vista, Pa.
Henry Thomas Mann, B. S., Teacher Prepara-
tory Department, Butler University............Irvington.
John D. Nichols, A. M. (M. D., Ind. Med. Coll.),
1 Broadway........................................Indianapolis.
Laz Noble, A. B....................................Irvington.
Henry Stewart Schell, A. M.........................Irvington.
Alexander Campbell Smith, A. B., Minister.Los Angeles, Cal.
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CLASS OF 1891.

GEORGIA E. BUTLER, A. B........................................Irvington.
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Morgan & Morgan, E. Washington St.)...........Indianapolis.
MARC COLLINS, A. B., Medical Student..................Indianapolis.
EUGENE J. DAVIS, B. S. (M. D., Ind. Med. Coll.),
City Hospital............................................Indianapolis.
CHARLES L. DEHAAS, A. B., Law Student...............Hillsboro, O.
WILLIAM P. HAY, M. S., Teacher Science, High
School........................................Washington, D. C.
ROBERT HALL, A. M., Minister..............................Irvington.
EVA M. JEFFRIES, A. B., Instructor Preparatory
School................................................Irvington.
ELIZABETH D. LAYMAN, A. B..............................Irvington.
H. W. MCKANE, A. B., Minister....................Jeffersonville.
JESSE H. MAVITY, A. B., Minister....................Kewanna.
PERRY T. MARTIN, A. B., Teacher....................Crawfordsville.
EMERSON W. MATTHEWS, A. B., Minister...............Red Bluff, Cal.
RAY D. MEEKER, B. S., Lawyer.........................Sullivan, Ill.
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FRANCES M. PERRY, A. B., 57 Broadway..........Indianapolis.
LUTHER E. SELLERS, A. B., Minister..................New Albany.

CLASS OF 1892.

BOWEN C. BOWEL, A. B., Medical Student, Col-
lege of Physicians and Surgeons, Chicago...Rolling Prairie.
REED CARR, A. B., Teacher..............................Noblesville.
WILLIAM F. CLARKE, A. B., Ministerial Student,
Butler University.................................Mt. Auburn.
R. Franklin Davidson, A. M. (with Bowen-Merrill Co.) Indianapolis.
Thompson Aaron Hall, A. M., Minister Centerville.
Gertrude Johnson, A. B. Irvington.
Alfred Lauter, A. B., Business Indianapolis.
Ectania May Newcomb, A. B., Teacher Irvington.
Samuel H. Shank, A. B., Business Irvington.
William Snodgrass, A. B., Teacher Cyclone.
Bertha Thormyer, A. B., Teacher Niles, Mich.
Avery A. Williams, A. B., Supt. Wabash Co.
    Schools (Died Jan. 17, 1894) Wabash.
DeMotte Wilson, A. B., Teacher Irvington.

CLASS OF 1893.

Stella Braden, A. B. Irvington.
Jesse Lincoln Brady, A. B., Minister Rensselaer.
Harry Seymour Brown, B. S. Wanamaker.
Evelyn Mitchell Butler, A. B. Irvington.
Edward Harry Clifford, A. B., Theological
    Student, Butler University Irvington.
Julia Fish, A. B. Indianapolis.
Will David Howe, A. B. Irvington.
Frank F. Hummel, B. S., Teacher Cumberland.
Lona Louise Iden, A. B., Teacher Irvington.
Daniel Wonderlich Layman, B. S., Medical
    Student Irvington.
John Minnick, B. S., Teacher Dora.
Mary Eola Thomas, A. B. Irvington.
Luther Addison Thompson, B. S. Acton.
Bertha Belle Ward, A. B. Indianapolis.
Frank Ford Williams, B. S. Wabash.
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*Hon. James A. Garfield, LL. D., 1871.
Prof. Allen R. Benton, LL. D., 1871.
*Hon. Horatio C. Newcomb, LL. D., 1871.
Hon. William M. Franklin, LL. D., 1871.
*Ovid Butler, LL. D., 1871.
Hon. Byron K. Elliott, A. M., 1871, Judge Supreme Court, Indianapolis, Ind.
Prof. A. C. Shortridge, A. M., 1871.
Prof. Catherine Merrill, A. M., 1871, Teacher, Indianapolis, Ind.
Charles E. Hollenbeck, A. M., 1871, Publisher, Indianapolis, Ind.
Prof. Eli F. Brown, B. S., 1876.
Prof. J. O. Hopkins, A. M., 1876.
Judge John A. Holman, A. M., 1877.
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Prof. Melville B. Anderson, A. M., 1878, Professor English Literature, Leland Stanford, Jr., University.
Prof. Delaskie Miller, Ph. D., 1879, Physician (Specialist), Chicago, Ill.
Prof. Eli F. Brown, M. S., 1880, Superintendent Public Schools, Riverside, Cal.
Marion Thrasher, A. M., M. D., 1883.
*Dr. Rufus Blount, A. M., 1883, Physician, Wabash, Ind.

*Deceased.
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Dr. F. Grayston, A. M., 1883, Physician, Huntington, Ind.

Alvin I. Hobbs, LL. D., 1885, Minister, Dean Theological Fac. Drake University, Des Moines, Iowa.

*Isaac Errett, LL. D., 1886, Editor Christian Standard, Cincinnati, O.

Pres. A. G. Thomas, LL. D., 1886, President Burritt College, Spencer, Tenn.

Pres. S. R. Crumbaugh, LL. D., 1886, President South Kentucky College, Hopkinsville, Ky.


Prof. Harriet Noble, A. M., 1886, Professor English Literature, Butler University, Irvington, Ind.

W. T. Moore, LL. D., 1887, Minister and Editor, London, Eng.

Isaac A. Harvey, Ph. D., 1887, Geologist, Penn.


Charles Louis Loos, LL. D., 1888, President Kentucky University.

Hon. Z. T. Sweeney, LL. D., 1889, Columbus, Ind.


J. L. Dickens, LL. D., 1891, President Texas Female Seminary, Weatherford, Texas.

Lewis A. Pier, A. M., 1891, President Northwestern Christian College, Excelsior, Minn.

Dorman S. Kelly, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.

*Deceased.