1893

The Annual Catalogue of Butler University, 1892 - 93

Butler University

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THE ANNUAL CATALOGUE

OF

Butler University,

Irvington, Ind.,

FOR THE

THIRTY-EIGHTH SESSION,

1892-'93

WITH ANNOUNCEMENTS FOR 1893-'94.

INDIANAPOLIS:
CARLON & HOLLENBECK, PRINTERS AND BINDERS.
1893.
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COLLEGE CALENDAR.

1893-'94.

FALL TERM, 1893.

September 12. Tuesday ..... Entrance Examinations begin.
September 13. Wednesday. Registration of Students begins.
September 15. Friday ..... Instruction begins.
October 11. Wednesday. Quarterly Meeting Board of Directors.
November 30. Thursday ..... Thanksgiving Day.
December 15. Friday ..... Junior Class Prize Orations.
December 16. Saturday ..... Subjects of Theses for Degrees announced.
December 19. Tuesday ..... Term Examinations begin.
December 21. Thursday ..... Fall Term ends.

WINTER TERM, 1894.

January 2. Tuesday ..... Registration of Students.
January 10. Wednesday. Quarterly Meeting Board of Directors.
March 22. Thursday ..... Term Examinations begin.
March 24. Saturday ..... Winter Term ends.

SPRING TERM, 1894.

April 3. Tuesday ..... Registration of Students.
April 4. Wednesday. Instruction begins.
April 11. Wednesday. Quarterly Meeting Board of Directors.
May 17. Thursday. Commencement Theses due.
June 8. Friday ..... Sophomore Class Prize Orations.
June 8. Friday ..... Term Examinations begin.
June 12. Tuesday ..... Term Examinations end.
June 14. Thursday ..... Thirty-eighth Annual Commencement.

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 ................................................... Irvington, "
MARSHALL T. REEVES .......................................................... Columbus, "
CHARLES E. THORNTON, A. B .................................................. Indianapolis, "

COMMITTEES.

Finance and Auditing.  A. F. ARMSTRONG,  U. C. BREWER.
Buildings and Grounds.  S. FRAZIER.

Library, Apparatus and Cabinet.  U. C. BREWER,  M. T. REEVES.

Instructors, Salaries, and Condition of Schools.  HOWARD CALE,  H. U. BROWN.

Judiciary and Claims.  HOWARD CALE,  JOS. I. IRWIN.

Boarding Hall.  C. E. THORNTON,  T. M. IDEN.

OFFICERS OF THE BOARD.

A. M. ATKINSON ................................................................. Wabash, Ind.
SIMEON FRAZIER ................................................................. Irvington, "
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.

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

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

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

Harriet Noble, A. M.,
Professor of English Literature.

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

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

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.

FRANK F. WILLIAMS,
Assistant in Chemical Laboratory.

BURGESS HALL PREPARATORY SCHOOL.

OMAR WILSON, A. B.,
Principal.

MARY E. WILSON,

HENRY T. MANN, B. S.,

EVA M. JEFFRIES, A. B.,

Assistants.

INDIANAPOLIS SCHOOL OF MUSIC.

Piano and Composition—CLARENCE FORSYTH.
Piano—MARY STRINGER.
Singing—F. X. ARENS.
Violin—RICHARD SCHLIEWEN.
Violoncello, Harmony and Ensemble Playing—ADOLPH SCHELLSCHMIDT.
Organ—W. H. DONLEY.
Harp—EMMA SCHELLSCHMIDT.
Violin, Guitar and Mandolin—WILLIAM O. ESTABROOK.
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 was obtained from the Legislature, both liberal and comprehensive, and fitted to promote the purposes of its projectors. 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 determined 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 in value, 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 University is identified with the Church of Christ. The purpose of its founders 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.
ORGANIZATION.

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, and the College weekly holiday is from Saturday noon till Tuesday morning, 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.

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.

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 interstate oratorical contests, an athletic association for the promotion of field sports—foot-ball and base-ball, etc. All these are useful 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.

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 and is optional with those of the higher. 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 its students to hear the best lecturers and singers of the world, 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 provide popular courses of lectures for students.
COMMERCIAL AND NORMAL SCHOOLS.

The College has no commercial or normal departments.

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.
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 eighteen 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.

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 nebulæ 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.**

This building is of brick, tastefully and substantially constructed, and sufficient for the accommodation of sixty resident students, and its dining hall is large enough to seat at its tables nearly as many more. Students are here boarded at cost, and the lowest cost compatible with wholesome living. Each room is furnished with bedstead, mattress, table, chairs and wardrobe, the student furnishing
LOCATION AND BUILDINGS.

whatever else he may need. The building is provided throughout with steam heat and electric light. Students may lodge elsewhere and take their meals at the Hall; many young men have found it convenient to do so. Those who live near and go home on Saturday to return on Monday are allowed a proportional reduction of price.

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 special or graduate courses of study. 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. There is a good working collection of minerals. The Paleozoic Age is represented by numerous specimens of rock and fossils, principally from localities in Indiana. There are also fossils of Cretaceous deposits of Mississippi and Kansas, and Tertiary fossils from Mississippi and elsewhere. Of land, fresh-water and marine shells there are several hundred species. There is a considerable collection of alcoholic specimens of fresh-water and marine invertebrates. The collection of fishes, made partly by Dr. D. S. Jordan, partly by Dr. Hay, and partly the gift of the National Museum, is one of the best in the west.

During the year H. L. Bruner has deposited in the Museum a private collection of marine invertebrates, both dry and alcoholic,
including many deep-sea forms from the dredgings of the U. S. Fish Commission.

Mr. C. E. Garst, missionary to Japan, has made an interesting contribution from that country, including a native farmer’s suit, idols, books, and several animal skins.

Provision has been made for moving the Museum from the main building to Burgess Hall. A large room on the third floor has been prepared for it, and a number of new cases have been built. These will furnish better accommodation for present collections and room for the new materials. It is hoped that friends will assist in enlarging the collections of the University.

Chemical Laboratory.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, 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 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.
METHODS OF INSTRUCTION.

The Bible.

The study of the Bible is required of the Freshman and Sophomore classes two hours each week throughout the year. The Freshman class study the Old Testament—the first term, the Pentateuch; the second term, Joshua, Judges and the books of Samuel; the third term, selected portions of the Hebrew Scriptures. Instruction in this department is by carefully prepared lectures, and students are required to study with care those portions of Scripture embraced in the lectures. The Sophomore class study the New Testament: The first term, the gospels; the second term, the book of Acts; the third term, 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 comprehensive 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 and Civics.

Psychology is a required study the first term of the Senior year, four hours a week. Instruction is given by lectures and a 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.

In the second and third terms of the Senior year a course of lectures is given on Ancient and Modern Philosophy. This course is elective. Three lectures are given each week. The lectures on Ancient Philosophy give a full outline of the progress and develop-
ment of philosophical thought from its origin in Greece, with Thales, up to the time of the Reformation. The lectures on modern Philosophy introduce the student to the essential principles of the French, German, English and Scotch schools of philosophy. Each student is required to present a thesis each term on some subject of philosophy, assigned for original investigation.

Moral Philosophy and the Evidences of Christianity are elective studies of the Senior year, three hours a week—the latter with full discussion of the various phases of modern scepticism.

Mathematics.

For entrance will be required Wentworth's Complete Algebra as far as to the General Theory of Equations and Plane Geometry.

In the Classical Course are taught Geometry, Trigonometry, Plane and Spherical, Theory of Equations, Determinants, Analytical Geometry, Mechanics and Astronomy.

In the Scientific Course are given, in addition, the elements of the Infinitesimal Analysis and Analytical Mechanics, with Bowser as text-book.

In Geometry, precision in the use of terms, and logical sequences in reasoning, are insisted on, and at the close of a series of propositions, capable of classification, one comprehensive statement of the same is memorized.

Along with Geometry and Trigonometry the rules of Mensuration will be memorized and illustrated by examples, the whole followed by the elements of surveying.

In Calculus, both the method of limits and infinitesimals will be taught, and Mechanics, both with and without the Calculus. In the Senior year will be required Astronomy, using as text-book the excellent Treatise of Charles Young, with elective specialties of a more rigidly mathematical character. In the Junior and Senior years may be elected a course in Higher Calculus and Differential Equations; or Johnson's Field and City Engineering, with the use of instruments; or a course in Advanced Algebra, using as text-book the excellent Treatise of Oliver, Waite and Jones.

Students applying for graduate mathematical work will be recommended to take it in the line pursued in the elective Junior and Senior work, or, if prepared in the line of Physics or Theoretical Astronomy.

The Library of Butler University is unusually well equipped for
aid in elective and graduate mathematical work, embracing many of the great classics in the French, German and English languages.

**Latin Language and Literature.**

Latin is continued as a required study until the close of the Sophomore year. During the earlier part of the course special attention is given to forms, constructions and idioms. The reading of authors is accompanied by solution of whatever grammatical questions the text may present. Latin prose composition is continued throughout the Freshman year, as a most effective means for the acquisition of the grammatical knowledge aimed at. To the same end and to promote facility in translating, such time as can profitably be spared from other exercises will be devoted to reading at sight. In the Sophomore year the reading from Latin authors is in part literary, in part historical. As a collateral branch, Roman History, heretofore required of the Freshman class, will be taken by the Sophomore, together with the archaeology of Roman life, social and political. During the Junior year the chief object of study is the history of Latin literature. The critical reading of important authors is made to contribute to this end, at the same time the study is carried on systematically by means of textbook recitations, supplemented by occasional lectures and by discussions of special topics by the instructor, and by conferences on papers presented by members of the class. In the Senior year, the rapid reading of a large amount of text is aimed at, and topics suggested in the course of the reading will be assigned to students, and papers thus prepared discussed before the class. Ministerial students having passed the Sophomore year will take a course of reading in the Church Fathers, for details regarding which see page 55 of this catalogue. Graduate courses in Latin are offered students having elected Latin during the Junior and Senior years of the undergraduate course, to whom only are such courses open.

**Greek Language and Literature.**

The study of Greek begins in the Second Preparatory year. The object in this first year is to obtain a thorough drill in the forms. Greek exercises are employed every day—putting English into Greek, with proper accents. In the Freshman class, in addition to the reading of authors, the syntax of the language is studied by prose composition every day of the week. The main object during
these two years is to become thoroughly familiar with the forms and the common principles of syntax. In the years that follow these, it is the purpose to read the complete work of some author from Homer to Lucian. During the Sophomore year it is the intention to become acquainted to some extent with the literature of the language, and, in addition, to study the history of the Greek people by taking up some period of their development.

During the year 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. Having a classic model before them, this has been found to be very beneficial.

In the Junior and Senior years two objects are in view: First, to obtain an acquaintance with the literature of the ancient Greeks. The main point will be a study of the literary merits of the author read, whether prose or poetry. Second, the examination of the more difficult points in Greek Grammar, and also the etymology of words and their relations to English roots.

Graduate courses will be arranged on demand for students who elect Greek during the Junior and Senior years, to whom only such courses are open. Such a course may include advanced work in Plato, Aristotle and Plutarch, the study of epochs in Greek history, the study of advanced Greek Grammar.

**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.

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

Modern Languages.

German.—If the student elects German as one of his languages, he must pursue it through the Second Preparatory, Freshman and Sophomore years. In the Junior and Senior years it is elective.

The aim in the required course is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary book without the help of grammar and dictionary. To accomplish this end, much attention is given to the analysis of words, phrases and sentences. The shortest and easiest way, if, indeed, it is not the only way, to attain a good vocabulary in German, is to become very familiar with the functions of the affixes. Word analysis in German has also a value beyond that of facilitating the acquisition of a vocabulary. It quickens greatly the student's perception of forms and their functions, which results in great benefit to him in all his language studies. The lack of this perception is one of the greatest hindrances to the English speaking student in his study of language. Exercise in word-analysis begins with the first reading. In order to render this exercise more effectual, the students are not allowed to use dictionaries or vocabularies during the first year's reading. All the
words occurring in the reading lesson are analyzed, so far as practicable with beginners, before the lesson is assigned, and then the students are required to commit the simplest word-forms or base-words, and to note carefully the affixes and their functions. Translation out of English into German, to which much time is devoted, is to give the student opportunity to practice what he has learned in reading concerning word-formation and the German mode of thinking and expressing thought.

Those who elect German in the Junior and Senior years, will make a critical study of the language, including its history, or of some period of the literature. Students will be expected, during this period, to practice speaking the language.

French.—Students who elect French as one of their languages must pursue it through the Junior and Senior years. As all the students have had, on reaching the Junior class, considerable training in the study of language, and most of them have a fair knowledge of Latin, they can easily, during this year, make themselves acquainted with all the forms, and acquire a good working vocabulary, so that during the Senior year they can give their attention to the study of some portion of the history of France or to some period of its literature.

BIOLOGY AND GEOLOGY.

Zoology (Freshman year).—The first half-year is devoted to the gross dissection of selected types of animals, with some attention to microscopic structure. A careful record of work is kept by each student.

The second half year is spent in determining species and making collections.

Physiology (first half of Sophomore year).—Martin's Human Body is used as a text-book and the subject is illustrated by means of dissections, experiments and microscopic preparations. The instruction given assumes that the student has already studied an elementary text-book on Physiology.

Botany (second half of Sophomore year).—Laboratory work in vegetable Morphology occupies one-half of the time. A large part of the Spring term is devoted to the preparation of a herbarium of flowering plants. Bessey's Briefer Course and Gray's Manual are used.

Biology (Junior year).—By a thorough study of a few plants and
animals, the student is made familiar with biological principles and with methods of investigation. Recitations and lectures supplement the work in the laboratory. Huxley and Martin is used as a laboratory guide; Parker, as text-book.

Zoology (Senior year).—Students in the Biological course elect their work; those in the Medical Preparatory take Mammalian Anatomy and Histology, including a six weeks' course in dissection of human body. Reference books.—Wilder and Gage's Anatomical Technology; Whitman's Methods in Histology and Embryology; Foster and Balfour's Embryology; Lee's Microtomist's Vade Mecum, etc.

Geology—Dynamical and Structural Geology occupy the Winter term; Historical Geology, the Spring term. To the latter only those students who have taken either Zoology or Biology can be admitted.

Equipment.—During the past year the entire department has been moved to Burgess Hall, where more commodious quarters have been specially fitted up for its use. The Biological laboratory is well provided with microscopes, microtomes, and accessory apparatus and materials, which are furnished, without charge, for the use of students prepared for such work.

Physics.

In the courses of Arts and Science, Physics occupies the Junior year.

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 applications 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.

The Scientific Junior course differs from the above only in sub-
METHODS OF INSTRUCTION.

Substituting for the first term's work a more radical treatment of statics and dynamics by the aid of the differential and integral calculus.

The text-book for this purpose is Bowser's or Peck's Analytical Mechanics. The text-books in Physics are Wright's Sound, Light and Heat, and Poyser's Magnetism and Electricity.

CHEMISTRY.

This study is begun in the middle of the Sophomore year. The text-book used is Remsen's Introduction to the Study of Chemistry with Remsen's Complete Work as a book of reference.

The recitation hours are largely occupied with lectures and experiments, but students will be questioned sufficiently to test their knowledge and comprehension of the text. Students will work in the laboratory two hours a week during the last half of the Sophomore year, performing such experiments as will make them familiar with the use of apparatus and the observation of chemical phenomena in general. About the ground covered by Remsen's Introduction will be completed in the Sophomore year.

With the beginning of the Junior year students enter upon the study of Qualitative Analysis, working eight hours a week in the laboratory. They spend this term in the detection of bases and acids separately. Instruction is given mainly by lectures, but students will be required to have some standard manual on the subject for reference.

The study of Qualitative Analysis is continued through the second term, work being done in the analysis of simple and mixed salts, minerals, alloys, ores, etc.

With the third term of the Junior year Quantitative Analysis is begun, first by the gravimetric, and then by the volumetric method.

The Seniors continue the work of Quantitative Analysis in the first term, following it with the examination of waters, milk, butter or other special substance as may be decided upon by the choice of the class.

With the winter term Organic Chemistry is begun with Remsen as a text-book and its study continued to the close of the year.

The Laboratory is well furnished for this work, being conveniently arranged and supplied with gas, water, ventilation, and all necessary chemicals and apparatus for the study of Qualitative
and Quantitative Analysis. The best books on Chemistry will be found in the Library, and best journals of Chemistry in the reading-room.

Each student has 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.

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, orthphony, modulation, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner, which every cultivated person should possess. 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, to a certain extent, 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 debility, 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 department.

In addition to the regular work in exercises, attention 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. Although established but little more than a year much good has already been done, many of the students being rendered more capable of doing the work necessary in the preparation of their various studies with ease 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 without overtaxing the vital organs and nerve centers, and give freedom to the entire body.

The Emerson system, which is used, includes exercises 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.

The college has always been open to all worthy applicants qualified to enter its classes, without regard to sex or color. 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, he may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in September, on the first and second days of the beginning of the Fall term. (See calendar.)

ADMISSION ON EXAMINATION.

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:

1. In ENGLISH, Grammar and Analysis (Reed and Kellogg's Higher Lessons or its equivalent); Rhetoric (Williams'). The applicant will be required to write off-hand and fairly correctly a composition on some familiar literary subject.

After 1893-4 there will be the additional requirements of one year's work in American Literature and English Literature. This work will be selections from Irving, Hawthorne, Holmes, Longfellow, Whittier, Lowell, and the simpler English classics.

2. In ARITHMETIC, including the metric system of weights and measures, as much as is contained in text-books of the grade of Wentworth's. The examination includes all definitions, reasons for operations, tables for weights and measures, fractions, common and decimal, percentage and its applications, square and cube root.
3. In Algebra, as much as is contained in the larger treatises of the grade of Ray, Robinson, Newcomb, Charles Smith, Wentworth. The examination includes rules for factoring, with problems, elimination, square and cube roots of literal and numerical quantities, equations of first and second degrees, radicals, series, general theory of equations, including Horner's method and Sturm's Theorem, with solution of problems.

After 1893–4 Wentworth's Complete or an equivalent, as far as the theory of equations. The examination includes rules for factoring, with problems, elimination, square and cube roots of literal and numerical quantities, equations of first and second degree, radicals, series.


5. In History, Myer's General History, or an equivalent with special attention to the sections devoted to Greece and Rome.

6. In Greek, all the regular Attic forms with accents, and one book of Xenophon's Anabasis or its equivalent. This is equivalent to one year's daily recitation.

After 1893–4 two books additional of Anabasis and Xenophon's Symposium.

7. In German, Joynes-Meissner's German Grammar and Joyne's German Reader. This includes all the essential points of German grammar. The examination will test the applicant's knowledge of irregular verbs, plurals and gender of nouns, and the rules of syntax, and his ability to read easy narrative German at sight and to render simple English sentences into German. One hour daily during a school year of nine months is required to complete such work in class.

After 1893–4 an additional year in German translation and composition.

8. In Latin, candidates are examined (1) on four books of Cæsar's Gallic War and two of Cicero's Orations against Catiline, with questions on subject-matter, constructions and the formation and inflection of words, and also the rules of quantity, especially those that apply to final and incremental syllables of verbs and nouns; (2) in such exercises, together with the rules of syntax, as are found in Daniell's 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. The reading of Cæsar and Cicero should have been preceded by a year's
course through some such beginner's book as Collar and Daniell, or Lowe & Butler's Bellum Helvetium.

The Phonetic pronunciation of Latin, as given in Allen & Greenough's Grammar (§16), is used; by this method every letter has always the same sound, as follows:

- $\hat{a}$ as in father;
- $\check{e}$ as in $eh$? (prolonged), they; $\check{e}$ as in met.
- $\hat{i}$ as in machine; $\hat{i}$ as in holiest.
- $\hat{o}$ as in holy; $\check{o}$ as in obey.
- $\hat{u}$ as oo in boot; $\hat{u}$ as oo in foot.
- $\hat{a}$, $\check{e}$, $\hat{i}$, $\check{o}$, $\hat{u}$ are long; $\check{a}$, $\check{e}$, $\hat{i}$, $\check{o}$, $\hat{u}$, short.

ae like $ay$, oe like $oy$, au like $ow$, ei as in $eight$, eu as $ew$ in $few$, ui as $we$; c and g always hard as in come, get; s sharp as in sea, lips; j like $y$; v like $w$; qu as in $queep$; bs like $ps$; ch like $k$; ph like $f$.

After 1893-4 there will be required in addition three orations of Cicero, four books of Vergil, Latin prosody, and a short history of Rome.

After 1893-4 the following additional studies will be required:

9. Civil Government—one term’s work.
10. Physical Geography—one term’s work.
11. Physics—Gage's Elements, or an equivalent.

Optional Students.

Students, not candidates for a degree, who have passed the examinations required for admission, in special cases, may be allowed to register as optional students and elect such work as may be open to them.

Admission to Freshman Class Without Examination.

Certificates of work done in public or private schools 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.

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.

5. Graduates of commissioned high-schools will likewise be subject to the above regulations. They will be admitted to the Freshman class with opportunity to make up, by the end of the year, work in which they may be deficient. This deficiency is found to be mainly in Greek, Latin and German, and for the benefit of applicants who may fall short of the requirements in any of these languages, special classes are conducted, doing double work; thus enabling the student to arrive at full standing in the Freshman class by the end of the year. To accomplish this, however, with any degree of satisfaction, it is best for the student to be a year in advance in some other department, mathematics for example; and it is earnestly urged that such preparation be made if possible. During the year the College enrolled in its Freshman class a large number of high-school graduates from different parts of the State, and honor graduates from some of our principal cities, as Indianapolis, Wabash, etc. These latter, bearing honor scholarships, obtain tuition free, being required to pay only the library fee.

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.

CLASS EXERCISES.

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 and Sophomores, but are optional with Juniors and 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.

**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.

Medical Students' Prize.

To the student making the best record in our 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 ’92 to the close of the winter term ’93.

1. June, 1892—Sophomore Class Essays.
   1st Prize—Anna Charlotte Stover, Ladoga.
   2d Prize—Rose Elliott, Indianapolis.
   Bertha Thorneyer, Irvington.
   George Green Bruek, Indianapolis.
4. June, 1892—Preparatory Class Declamation.
   1st Prize—Frank Thurman Brown, Wanamaker.
   2d Prize—Nora Clarke, Mt. Auburn.
   3d Prize—Katharine Layman Kercheval, Irvington.
5. March, 1893—College Representative in State Oratorical Contest.
   Mary Bemis Galvin, Irvington.
6. 1892–3—First Honor Graduates of High-Schools Enrolled During the Year—
   Rose Elliott Indianapolis High-School.
   Marie Lepper Kendallville High-School.
   Ora Murray Rushville High-School.
   Olla Phares Oxford High-School.
   Dorothy Belle Poppy Kendallville High-School.
   Jesse Benton Williams Wabash High-School.
   Bertha Wilson Dublin High-School.
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:

- Tuition fee, $6 in scrip, costing $0.50
- Incidental fee $8.00
- Apparatus and Library fee $1.50

Total, per term $10.00

The tuition fees of graduate students, whether resident or non-resident, are the same as for under-graduates.

There is no extra fee for elocution or gymnastics.

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.

FEES FOR INSTRUCTION IN MUSIC.

The School of Music is an independent organization, and its fees are not taken into account in the above statement. They are as follows:

- Tuition for piano and violin, except for the most advanced students, is $10 per term of twenty lessons.

EXPENSES OF RESIDENCE.

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

<table>
<thead>
<tr>
<th>Expense</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 00</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>
</tbody>
</table>

$163 75 $190 $245

The first estimate is low as regards room, board, etc, being based on the 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 degree of Bachelor require 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 the course of Arts and pass satisfactory examinations in the same. Candidates for this degree are required to complete two of the three languages, Greek, Latin and German, through the Sophomore year, and one through the Senior year.

II. The degree of Bachelor of Science is conferred on students who complete the studies in the course of Science and pass satisfactory examinations in the same.

BACCALAUREATE THESSES.

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 close of the fall term. Should a student fail to report such selection, a subject will be assigned him on the first Saturday after the opening of the winter term. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Com-
GRADUATION.

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mencement Day, and to be acceptable must have the character of
a scholarly dissertation on the subject chosen. Should a student
fail to submit his thesis at the time 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 pro-
vided in the various departments, and such degrees are conferred
as follows:

I. The degree of Master of Arts or that of Master of Science is
conferred on any student who has taken the corresponding bac-
calaureate degree here or in other college of equal requirements, on
the following conditions: (1.) In case of non-residence the can-
didate for Master’s degree is required to pursue a course of gradu-
ate study for two years under direction of the Faculty, pass satis-
factory 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 sub-
jects studied. The work of candidates for Master’s degree may
consist (a) 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
resident students, may be pursued along with undergraduate
classes; but no work done by a student while yet an undergradu-
ate shall be allowed to count anything toward fulfilling the re-
quirements of a graduate course.

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.
COURSES OF STUDY.

I. Leading to the Degree of Bachelor of Arts.

In the Freshman and Sophomore years the subjects are mainly prescribed, election being allowed between botany and chemistry and also in the languages studied as follows: Of the three languages, Latin, Greek and German, two must be taken.

Beginning with the Junior year the work is largely elective but at least one of the two languages named above as elective in the Freshman and Sophomore years must be continued to the end of the Senior year, and in addition French must be taken. Students preparing for the ministry, however, will follow the general course in Arts through the Sophomore year after which they will be admitted to the Bible school.

This differentiation into courses leading to the degree of Bachelor of Arts may be indicated briefly as follows:

(a) *Latin and Greek Course*: German omitted; Latin and Greek required through Sophomore year, and either Latin or Greek through Senior year; election allowed in Sophomore year between Botany and Chemistry; either Biology or Physics in Junior year.

(b) *Latin and German Course*: Latin and German required through Sophomore year, and either Latin or German through Senior year; Greek omitted; otherwise same as a.

(c) *Bible Preparatory Course*: Same as a through Sophomore year, after which two years in Bible school (see page 55).

Following is the general course in Arts, which is subject to the above differentiation:
COURSES OF STUDY.

Leading to the A. B. Degree.

FRESHMAN YEAR.

Election allowed between Greek and German.

FALL TERM.

LATIN.—Two of Cicero's orations against Catiline and the oration for Archias, sight-reading of extracts from Cicero, exercises in Latin prose composition, four hours a week.

GREEK.—Zenophon's Anabasis, exercises in Greek composition, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

MATHEMATICS.—First five books of Wentworth's Solid Geometry, four hours a week.

ENGLISH.—Hale's Longer English Poems, and essay writing, two hours a week.

BIBLE.—The Pentateuch, lectures and Bible reading, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.

WINTER TERM.

LATIN.—Vergil's Æneid, books ii and iii, and Latin prose composition, four hours a week.

GREEK.—Zenophon's Symposium, exercises in Greek composition, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

MATHEMATICS.—Wentworth's Advanced Algebra, four hours a week.

ENGLISH.—Hale's Longer English Poems, and essay writing, two hours a week.

BIBLE.—From Pentateuch to 1st Samuel, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.
COURSES OF STUDY.

Leading to the A. B. Degree.

SPRING TERM.

LATIN.—Vergil's Æneid, books iv, v and vi, and Latin composition, four hours a week.

GREEK.—Homer's Iliad or Odyssey, exercises in Greek composition, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

MATHEMATICS.—Analytical Geometry, four hours a week.

ENGLISH.—Two of Shakespeare's plays, and essay writing, two hours a week.

BIBLE.—Period of Jewish Kings, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.

SOPHOMORE YEAR.

Election allowed between Greek and German.

FALL TERM.

LATIN.—Cicero's Æelius and Cato Major, exercises in sight-reading, history of Rome, four hours a week.

GREEK.—Homer continued, selections from various books, Greek history and sight-reading (White's selections), four hours a week.

GERMAN.—Reading of works selected with reference to German history and German life, composition with extemporaneous translation from English into German, four hours a week.

PHYSIOLOGY.—Martin's Human Body, three hours a week.

ENGLISH.—Guest's Lecture's on the History of England, and essays, three hours a week.

BIBLE.—The Gospels, lectures and reading, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.
Leading to the A. B. Degree.

WINTER TERM.

Election allowed as above and also between Botany and Chemistry.

LATIN.—Livy, book xxi, Roman History and Antiquities, four hours a week.

GREEK.—Demosthenes' Olynthiac Orations, Greek History, sight reading, four hours a week.

GERMAN.—Reading of works selected with reference to German history and German life, translation of English into German, four hours a week.

PHYSIOLOGY.—Martin's Human Body continued to middle of term, three hours a week.

BOTANY.—Bessey's briefer course, beginning middle of term, three hours a week.

CHEMISTRY.—Remsen's Introduction to the Study of Chemistry, beginning middle of term, three hours a week.

ENGLISH.—Guest's Lectures on the History of England, and essay writing, three hours a week.

BIBLE.—Acts of the Apostles, lectures and reading, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.

SPRING TERM.

Election allowed as above in Winter Term.

LATIN.—Horace's Odes, Mythology, Horation metres, Roman History, four hours a week.

GREEK.—Plato Protagoras, Greek History, sight reading, four hours a week.

GERMAN.—Selections, translation German into English, four hours a week.

BOTANY.—Bessey's briefer course, three hours a week.

CHEMISTRY.—Remsen's Introduction, three hours a week.

ENGLISH.—Guest's Lectures, and essay writing, three hours a week.

BIBLE.—The epistles of the New Testament, lectures and reading, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.
COURSES OF STUDY.

Leading to the A. B. Degree.

JUNIOR YEAR.

French and either Biology or Physics are required together with seven hours' electives, one of which electives must be either Latin, Greek or German. Two hours' lectures or laboratory work count one hour recitation.

FALL TERM.

LATIN.—Quintilian, book x, history of Roman literature, three hours a week.
GREEK.—Æschylus, The Agamemnon, sight reading (White's Selections), three hours a week.
GERMAN.—Study of some portions of the literature, and composition, three hours a week.
ENGLISH.—Genung's Rhetoric, four hours a week.
FRENCH.—Whitney's Practical French, five hours a week.
PHYSICS.—Dana or Peck, four hours a week.
*CHEMISTRY.—Qualitative Analysis, detection of bases, lectures and laboratory work, eight hours a week.

BIOLOGY.—Huxley and Martin's Biology, eight hours a week (laboratory).

MATHEMATICS.—Analytical Mechanics, three hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

WINTER TERM.

For requirements see above.

LATIN.—Epistles of Horace, history of Roman literature continued, three hours a week.
GREEK.—Aristophanes, sight reading, three hours a week.
GERMAN.—Study of some portion of the literature, and composition, three hours a week.
ENGLISH.—Minto's Manual of English Prose, and essay writing, three hours a week.
FRENCH.—Whitney's Practical French, and reading from Whitney's French Reader, five hours a week.
PHYSICS.—Heat, sound and light, four hours a week.
CHEMISTRY.—Qualitative Analysis, detection of acids, analysis of salts, examination of metals and alloys, eight hours a week.

*The Junior class '03-4 will begin the study of chemistry in the fall term as heretofore.
COURSES OF STUDY.

Leading to the A. B. Degree.

BIOLOGY.—Huxley and Martin, *eight hours a week* (laboratory).

MATHEMATICS.—Determinants, or Modern Geometry, *three hours a week*.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

SPRING TERM.

For requirements see above.

LATIN.—Selections from Latin poets, *three hours a week*.

GREEK.—Lucian's Timon, and selections, sight reading, *three hours a week*.

GERMAN.—Study of some portion of the literature, and composition, *three hours a week*.

ENGLISH.—Minto's Manual of English Prose, and essay writing, *three hours a week*.

FRENCH.—Reading of historical prose, and composition, *five hours a week*.

PHYSICS.—Magnetism and Electricity, *four hours a week*.

CHEMISTRY.—Quantitative Analysis (Gravimetric Method), *eight hours a week* (laboratory).

BIOLOGY.—Huxley and Martin, *eight hours a week* (laboratory).

MATHEMATICS.—Determinants, or Modern Geometry, *three hours a week*.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

SENIOR YEAR.

FALL TERM.

French and Psychology are required with eight hours' electives, one of which electives must be either Latin, Greek or German. Laboratory work and lectures count one-half.

LATIN.—Roman Satirists, Horace, Juvenal and Persius, *three hours a week*.

GREEK.—Plato's Republic, selections, *three hours a week*.

GERMAN.—Reading of classics and history of the literature with exercise in translating from English into German, *three hours a week*.

ENGLISH.—Critical study of Macbeth, Milton and Wordsworth; *three hours a week*. 
COURSES OF STUDY.

Leading to the A. B. Degree.

FRENCH.—Reading of prose masterpieces, and composition, four hours a week.

PSYCHOLOGY.—Haven, four hours a week.

*CHEMISTRY.—Quantitative Analysis (Volumetric Method), Sutton, analysis of waters, milk and butter, eight hours a week (laboratory).

ZOOLOGY.—Anatomy and Histology of Mammals, or elective work, eight hours a week (laboratory).

POLITICAL ECONOMY.—Walker's text-book, three hours a week.

MATHEMATICS.—Oliver, Waite and Jones' Treatise on Algebra, three hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

WINTER TERM.

French and Astronomy are required with eight hours' electives, one of which electives must be Latin, Greek or German.

LATIN.—Pliny's or Cicero's Letters, three hours a week.

GREEK.—Prometheus Vinctus of Æschylus, sight reading, three hours a week.

GERMAN.—Reading of classics and history of the literature, exercises in translating English into German, three hours a week.

ENGLISH.—History of English literature, three hours a week.

FRENCH.—Reading French Drama, and composition, four hours a week.

ASTRONOMY.—Young's text-book, four hours a week.

GEOLoGY.—Dynamical and Structural, Leconte, three hours a week.

CHEMISTRY.—Organic chemistry, eight hours a week (laboratory).

ZOOLOGY.—Anatomy and Histology of Mammals, eight hours a week (laboratory).

PHILOSoPHY.—History of Ancient Philosophy, three hours a week (lectures).

CONSTITUTIONAL HISTORY.—Hinsdale's American Constitution, three hours a week.

MATHEMATICS.—Oliver, Waite and Jones' Treatise on Algebra, three hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

*The Senior class '93-'4 will take up the study of Quantitative Analysis in the fall term as heretofore.
Leading to the A. B. Degree.

SPRING TERM.

French is required with eleven hours' electives, one of which electives must be Latin, Greek or German.

Latin.—Cicero's Tuscan Disputations, three hours a week.
Greek.—Plutarch, selected lives, three hours a week.
German.—Classics and History of German literature, exercises in translating from German into English, three hours a week.
English.—History of English literature and criticism of fiction, three hours a week.
French.—Reading of French Drama, and composition, four hours a week.
Astronomy.—Young's text-book, three hours a week.
Geology.—Historical Geology, three hours a week.
Chemistry.—Organic Chemistry or special work, four hours a week.
Zoology.—Anatomy and Histology of Mammals, eight hours a week (laboratory).
International Law.—Woolsey and Gallaudet, three hours a week.
Moral Philosophy.—Haven's text-book, three hours a week.
Logic.—Jevons-Hill, four hours a week.
Philosophy.—Lectures on Modern Philosophy, three hours a week.
Mathematics.—Oliver, Waite and Jones' Treatise on Algebra, three hours a week.
Elocution.—Optional.
Physical Culture.—Optional.
COURSES OF STUDY.

II. LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

In the Freshman and Sophomore years of these courses the same subjects are prescribed for all. Beginning with the Junior year the student will be expected to choose either chemistry or biology as his main work. The courses leading to the B. S. degree are arranged as follows:

a. Chemical Course: Laboratory work in chemistry throughout course, biology may be taken as an elective.

b. Biological Course: Laboratory work in biology throughout course, chemistry may be taken as an elective.

c. *Medical Preparatory Course: Same as b except that during Senior year the student will take the anatomy of Mammals with Histology, including a six weeks’ course in dissection of human body. Following is the general course in Science subject to the above differentiation.

FRESHMAN YEAR.

FALL TERM.

ZOOLOGY.—Morphology of animals, eight hours a week (laboratory).

MATHEMATICS.—Solid Geometry, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

ENGLISH.—Hale’s Longer English Poems, and essay writing, two hours a week.

BIBLE.—Lectures, with reading the Pentateuch, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.

* Entitling student to one year’s credit in Indiana Medical College.
COURSES OF STUDY.

Leading to the B. S. Degree.

WINTER TERM.

ZOOLOGY.—Morphology of Animals, identification of species, eight hours a week (laboratory).

MATHEMATICS.—Trigonometry and Surveying, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

ENGLISH.—Hale's Longer English Poems, and essay writing, two hours a week.

BIBLE.—Lectures, reading from Pentateuch to 1st Samuel, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL EXERCISES.—Two hours a week.

SPRING TERM.

ZOOLOGY.—Collection and identification of species, eight hours a week (laboratory).

MATHEMATICS.—Analytical Geometry, four hours a week.

GERMAN.—Reading of prose, and composition, four hours a week.

ENGLISH.—Two of Shakespeare's plays, and essay writing, two hours a week.

BIBLE.—Lectures on the period of kings, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.

SOPHOMORE YEAR.

FALL TERM.

PHYSIOLOGY.—Martin's Human Body, three hours a week.

MATHEMATICS.—Differential and Integral Calculus, four hours a week.

GERMAN.—Reading of works selected with reference to German history and German life, composition with extemporaneous translations from English into German, four hours a week.

ENGLISH.—English History and essay writing. Guest's Lectures, three hours a week.

BIBLE.—Lectures on the Gospels, two hours a week.

ELOCUTION.—One hour a week.

PHYSICAL CULTURE.—Two hours a week.
Leading to the B. S. Degree.

WINTER TERM.

Election allowed between Botany and Chemistry.

Physiology.—Martin’s Human Body, three hours a week, first half term.

Botany.—Bessey’s Briefer Course, three exercises a week, second half term.

Mathematics.—Integral Calculus, four hours a week, first half term.

Chemistry.—Remsen’s Introduction, three hours a week, second half term.

German.—Reading of selections illustrative of German history and German life, composition, four hours a week.

English.—English History and essay writing, Guest’s Lectures, three hours a week.

Bible.—Lectures on the Acts of Apostles, two hours a week.

Elocution.—One hour a week.

Physical Culture.—Two hours a week.

SPRING TERM.

Election allowed between Botany and Chemistry.

Botany.—Bessey’s Briefer Course, three hours a week.

Chemistry.—Remsen’s Introduction, four hours a week.

German.—Selected readings illustrative of German history and German life, four hours a week.

English.—English history, and essay writing, Guest’s Lectures, three hours a week.

Bible.—Lectures on the Epistles, two hours a week.

Elocution.—One hour a week.

Physical Culture.—Two hours a week.
Courses of Study.

Leading to the B. S. Degree.

Junior Year.

French and either Biology or Chemistry are required with seven hours electives. Two hours laboratory work count one hour recitation.

FALL TERM.

French.—Whitney's Practical French, five hours a week.

Biology.—Huxley and Martin's Biology, eight hours a week in laboratory.

*Chemistry.—Qualitative Analysis, detection of bases, lectures and laboratory work, eight hours a week.

Mathematics.—Analytical Mechanics, three hours a week.

German.—Study of some portion of the literature, and composition, three hours a week.

English.—Genung's Rhetoric, four hours a week.

Physics.—Dana or Peck, four hours a week.

Civil Engineering.—Embracing Land Surveying, Leveling and its application to highways, streets and ditches, with calculations of excavations and fills, three hours a week.

Elocution.—Optional.

Physical Culture.—Optional.

Winter Term.

For requirements see above.

French.—Whitney's Practical French and reading from Whitney's French Reader, five hours a week.

Biology.—Huxley and Martin's Biology, eight hours a week in laboratory.

Chemistry.—Qualitative Analysis, detection of acids, analysis of salts, examination of metals and alloys, laboratory work, eight hours a week.

Mathematics.—Determinants, or Modern Geometry, three hours a week.

German.—Study of some portion of the literature, and composition, three hours a week.

English.—Minto's Manual of English Prose, and essay writing, three hours a week.

Civil Engineering.—Land Surveying, Leveling, etc., with calculations of excavations and fills, three hours a week.

Elocution.—Optional.

Physical Culture.—Optional.

*The Junior class for '93-4 will begin the study of Chemistry with the fall term as heretofore.
COURSES OF STUDY.

Leading to the B. S. Degree.

SPRING TERM.

For requirements see above.

FRENCH.—Reading of historical prose, and composition, five hours a week.

BIOLOGY.—Huxley and Martin, eight hours a week in laboratory.

CHEMISTRY.—Quantitative Analysis (Gravimetric method), Frese- nius, eight hours a week (laboratory).

MATHEMATICS.—Determinants, or Modern Geometry, three hours a week.

GERMAN.—Study of some portion of the literature, and composition three hours a week.

ENGLISH.—Minto's Manual of English Prose, and essay writing, three hours a week.

PHYSICS.—Magnetism and Electricity, four hours a week.

CIVIL ENGINEERING.—Land Surveying, Leveling, etc., continued, three hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

SENIOR YEAR.

FALL TERM.

French, Psychology and either Biology or Chemistry are required to- gether with four hours electives.

FRENCH.—Reading of prose masterpieces, and composition, four hours a week.

PSYCHOLOGY.—Lectures, with Haven as text-book, four hours a week.

ZOOLoGY.—Anatomy and Histology of Mammals, or elective work, eight hours a week (laboratory).

*CHEMISTRY.—Quantitative Analysis (volumetric method) Sutton, analysis of water, milk and butter, eight hours a week (laboratory).

MATHEMATICS.—Oliver, Waite and Jones' Treatise on Algebra, three hours a week.

GERMAN.—Reading of Classics and History of the Literature, with exercises in translating from English into German, three hours a week.

*The Senior class '93-4 will take up the study of Quantitative Analysis in the fall term as heretofore.
Leading to the B. S. Degree.

ENGLISH.—Critical study of Macbeth, Milton and Wordsworth, 
three hours a week.

POLITICAL ECONOMY.—Walker, three hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.

WINTER TERM.

French, Astronomy and either Biology or Chemistry are required to-
gether with four hours of electives.

FRENCH.—Reading of French Drama, and composition, four hours a
week.

ASTRONOMY.—Young's text-book, four hours a week.

ZOOLOGY.—Anatomy and Histology of Mammals, eight hours a week.

CHEMISTRY.—Organic Chemistry, eight hours a week.

GEOLoGY.—Dynamical and Structural, Leconte's Elements of Ge-
oology, three hours a week.

MATHEMATICS.—Oliver, Waite and Jones' Treatise on Algebra, three
hours a week.

GERMAN.—Reading of the classics and history of the literature;
exercises in translating English into German, three hours a
week.

ENGLISH.—History of English literature, with topical reading in
the library, three hours a week.

PHILOSOPHY.—Lectures on the history of ancient philosophy, three
hours a week.

CONSTITUTIONAL HISTORY.—Hinsdale's American Constitution, three
hours a week.

ELOCUTION.—Optional.

PHYSICAL CULTURE.—Optional.
Leading to the B. S. Degree.

SPRING TERM.

French and either Biology or Chemistry are required, with eight hours electives.

French.—Reading of French Drama, and composition, four hours a week.

Zoology.—As in Fall term, eight hours a week (laboratory).

Chemistry.—Organic chemistry or special work, eight hours a week (laboratory).

Geology.—Historical Geology, Leconte.

Logic.—Hill's Jevons, four hours a week.

International Law.—Woolsey or Gallaudet, three hours a week.

Philosophy.—History of modern philosophy, three hours a week.

Mathematics.—Oliver, Waite and Jones' Treatise on Algebra, three hours a week.

German.—Reading of classics and history of literature with exercises in composition, three hours a week.

English.—Later English literature and topical reading in the library, three hours a week.

Elocution.—Optional.

Physical Culture.—Optional.
BIBLE SCHOOL.

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.

The assistance of some of our graduate students having been ob-
tained, the work of *Quarta* and *Tertia* can be carried on during the coming year. Before the opening of the first term 1894, it is hoped that the Board will have secured an ample endowment for the school, and professors for all the chairs.

**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 religious 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
BIBLE SCHOOL.

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 Melanchthon. 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.

Geology 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 Melanchthon. 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 N. T. 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.
SCHOOL OF MUSIC.

To the student of music, the University can offer advantages and facilities of an unusual order. Arrangements with the Indianapolis School 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.

ACADEMIC COURSE.

Those who finish this course are given a diploma. For admission candidates must be competent to render music of medium difficulty, to read fairly well at sight and to enter the regular Freshman classes of the University in all studies except Greek, Latin and German.

FIRST YEAR.

Piano, Violin, 'Cello, Pipe Organ or Singing.
Harmony.
Freshman English.

SECOND YEAR.

Special branch continued.
Simple Counterpoint and Musical Form, each one lesson a week.
Sophomore English.

THIRD YEAR.

Special branch continued.
Fugue and Musical Form, each one lesson a week.
Junior English.

FOURTH YEAR.

Special branch continued.
Musical Form, Orchestration and History of Music, each one lesson a week.
Senior English.

Each of the branches of music not otherwise specified, has two recitations a week.

The Preparatory Department affords beginners and others the necessary training to enter the Academic course, and this for the low price of $10 for twenty lessons. Flute, guitar and mandolin instruction may also be had for the same price. In organizing the Music Department the University has intended, however, to encourage the study of music, not as a recreation, but as an art. Special catalogues can be obtained free by addressing S. Frazier, Secretary, Irvington, Ind., or Clarence Forsyth, Director of the School of Music, Indianapolis, Ind.
PREPARATORY DEPARTMENT.

Instructors.

Omar Wilson, A. B., Principal,
Instructor in Greek and Latin.

Mary E. Wilson,
Instructor in English and History.

H. T. Mann, B. S.,
Instructor in Algebra, German and Physical Culture.

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

Eva M. Jeffries, A. B.,
Assistant Instructor.

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 erecting a new building, Burgess Hall, and by employing additional instructors. All preparatory classes recite in Burgess Hall.

Purpose.

In this school the studies are arranged with special reference to the preparation of students for admission to college classes. Students often lose time by pursuing studies in other schools that have no relation to entering college, or by passing hastily over work that must be done thoroughly in college.

Admission.

In order to enter the First Preparatory class, applicants must pass satisfactory examination in Descriptive Geography, Arithmetic, Elementary Physiology, U. S. History and English Grammar. Applicants for the second class must pass examination in all studies of the First Preparatory year.

An Exception is made in the case of those who have completed the eighth year of the Indianapolis common schools. They are admitted to the first year without examination. Students who have completed the first year of the Indianapolis High School are ad-
mitted to the Second Preparatory without examination. In case any studies required in the First Preparatory are not completed in the high school, students will be conditioned in those studies.

**Classification.**

No student will be classed Second Preparatory who has as much as a year's deficiency in more than one study.

Students classed as Preparatory can not take work in the College without consent of the College Faculty.

**Examinations.**

Candidates for the First Preparatory class will have examinations as follows:

- **September 12—**
  - Descriptive Geography .................................................. 8–10 A. M.
  - Arithmetic ................................................................. 10–12 "
  - English Grammar ............................................................ 2– 4 P. M.

- **September 13—**
  - U. S. History ................................................................. 8–10 A. M.
  - Physiology ................................................................. 10–12 "

Candidates for admission to the Second Preparatory will be examined.

- **September 13—**
  - Latin (one year's work) .................................................. 2– 4 P. M.

- **September 14—**
  - Algebra (through factoring) .............................................. 8–10 A. M.
  - English (Reed & Kellogg's Higher Lessons or an equivalent) .................................................. 10–12 "
  - General History ............................................................. 2– 4 P. M.

We wish to direct special attention to these examinations. All who do not feel able to pass them should make preparation during the summer before entering.

**Classes.**

In the first year all students have the same studies. In the second year the students who choose Ancient Classics take Greek; those who choose Modern Classics, or the Scientific course, take German. Students may not elect studies in the Preparatory excepting in the second year, when all may elect German or Greek.

**Elocution.**

One hour a week is required. Instruction is given by Miss Gilbert.
PREPARATORY DEPARTMENT.

PHYSICAL CULTURE.

All students are required to take two hours exercise each week in the gymnasium. This work is done under the direction of H. T. Mann and Lida E. Gilbert, Instructors in Physical Culture.

LIBRARY AND READING ROOM.

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

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 have shown some 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 will give special drill to all contestants who desire it. Judges are chosen by the Faculty. This contest has proven a benefit to all who take part, and of much interest to the whole school. Last year Frank Brown won first prize, Nora Clarke second, and Kate Kercheval third.

METHODS OF INSTRUCTION.

In Latin, Lowe and Butler's Bellum Helvetium is the text-book in the beginning class. Caesar is studied from the first. The text is translated and committed to memory, and furnishes a basis for oral and written translation from English into Latin. Lessons in forms and syntax accompany the text, but rules of grammar are not learned until examples illustrating the rules have been found in the author.

In the first and second terms of the second year Caesar is read, and in the third term two orations of Cicero against Catiline. Latin prose composition accompanies the translation.

Greek is taken up in the second year. The text-book is Harper and Waters' Inductive Greek Method. The student begins Xenophon as soon as he learns the alphabet. Much the same course is pursued as in the first year Latin, but not so much text is committed to memory. In the first year of both Latin and Greek emphasis is laid on mastering the forms and acquiring a vocabulary.
English.—In the first year two recitations a week are given to analysis, two to American Literature and one to Elocution.

In Analysis, Reed and Kellogg's *Higher Lessons in English* is the text book. The American authors studied are Hawthorne, Irving, Holmes, Longfellow, Bryant, Whittier and Lowell.

In the second year Williams' Rhetoric is the text-book. The class also studies English Literature and Greek Mythology. The composition work consists of one long essay each term.

German.—The German begins in the second year with Joynes-Meissner's Grammar for text-book. In the second and third terms Joynes' German Reader is used in connection with the Grammar.

The prime object sought in this first year is not speed nor a knowledge of mere rules, but a correct pronunciation, a vocabulary of words used in conversation and the ability to construct sentences easily and naturally.

Algebra: The work in Algebra begins with the first term of the second year. In this year the class finishes Chapter 18 of Wentworth's Complete Algebra to Logarithms.

History: Myers' *General History* is used as text-book, but students are referred to the library for a more complete account of important topics.
COURSES OF STUDY.

CLASSICAL COURSE.

FIRST YEAR.

First Term.

1. English.—American Literature, two hours.
   Analysis, Reed & Kellogg, two hours.
   Elocution, one hour.
2. Latin.—Lowe and Butler's Bellum Helvetium, five hours.
3. History.—Myers' General History, five hours.
4. Physical exercise in gymnasium, two hours.

Second Term.

1. English.—American Literature, two hours.
   Analysis, Reed and Kellogg, two hours.
   Elocution, one hour.
2. Latin.—Lowe and Butler's Bellum Helvetium, five hours.
3. History.—Myers' General History, five hours.
4. Physical exercises, two hours.

Third Term.

1. English.—American Literature, two hours.
   Analysis, Reed and Kellogg, two hours.
   Elocution, one hour.
2. Latin.—Lowe and Butler's Bellum Helvetium, five hours.
3. History.—Myers' General History and Civil Government, five hours.
4. Physical exercises, two hours.

SECOND YEAR.

First Term.

1. English.—Rhetoric (Williams'), Essay Writing, English Literature and Elocution, four hours.
2. Latin.—Caesar, and Daniell's Prose Composition, four hours.
COURSES OF STUDY.

3. German.—Joynes-Meissner's German Grammar.
   or
   Greek.—Harper and Waters' Inductive Method and Hadley-Allen Grammar, five hours.
4. Mathematics.—Wentworth's Complete Algebra, four hours.
5. Physical exercises, two hours.

Second Term.

1. English.—Rhetoric (Williams'), Essay Writing, English Literature, and Elocution, four hours.
2. Latin.—Cæsar, and Daniell's Prose Composition, four hours.
3. German.—Joynes-Meissner's Grammar and Joynes' Reader, five or hours.
   Greek.—Harper and Waters' Inductive Method and Hadley-Allen Grammar, five hours.
4. Mathematics.—Algebra, Wentworth, four hours.
5. Physical exercises, two hours.

Third Term.

1. English.—Rhetoric (Williams'), Essay Writing, Greek Mythology, Elocution, four hours.
2. Latin.—Cicero, Daniell's Prose Composition, four hours.
3. German.—Joynes-Meissner's Grammar and Joynes' Reader, five or hours.
   Greek.—Harper and Waters' Inductive Method, and Hadley-Allen Grammar, five hours.
4. Mathematics.—Wentworth's Complete Algebra, four hours.
5. Physical exercises, two hours.

Third Year.

First Term.

1. English.—Rhetoric, Composition, English Literature, three hours.
2. Latin.—Cicero, History, four hours.
3. German.—Robinson der Jüngere, and Harris' Composition, four or hours.
   Greek.—Anabasis, Composition, four hours.
4. Mathematics.—Algebra, two hours.
5. Physics.—Gage's Elements, three hours.
6. Physical exercises, two hours.
COURSES OF STUDY.

Second Term.

1. English.—English Literature, four hours.
2. Latin.—Vergil, History, Prosody, four hours.
3. German.—Robinson der Jüngere, and Harris' Composition, four or hours.
   Greek.—Xenophon's Symposium, Composition, four hours.
4. Physics.—Gage's Elements, four hours.
5. Physical exercises, two hours.

Third Term.

1. Latin.—Vergil, History, Prosody, four hours.
2. German.—Robinson der Jüngere, and Harris' Composition, four or hours.
   Greek.—Xenophon's Symposium, Composition, four hours.
3. Mathematics.—Wentworth's Plane Geometry, four hours.
4. Physical Geography, four hours.
5. Physical exercises, two hours.

This third year will not be taught until 1894-'95.

SCIENTIFIC COURSE.

First Year.

Same as Classical Course.

Second Year.

Same as Classical Course except Greek. Classical students choose between German or Greek, Scientific students take German.

Third Year.

Same as Classical, excepting that German takes the place of Greek.
CATALOGUE OF STUDENTS.

DEGREES CONFERRED—1892.

Doctor of Philosophy.
ARCHIBALD M. HALL, A. M. Irvington.

Master of Arts.
JOHN D. NICHOLS, A. B. Indianapolis.
DORMAN S. KELLY (honoris causa) Emporia, Kan.

Master of Science.
WILLIAM PERRY HAY, B. S. Washington City, D.C.

Bachelor of Arts.
Bowen C. Bowell Rolling Prairie.
John M. Brevoort Vincennes.
Reed Carr Indianapolis.
William F. Clarke Mt. Auburn.
Thomas A. HALL Laughlinton, Pa.
Gertrude Johnson Clayton.
W. Frank Lacy Noblesville.
Alfred Lauter Indianapolis.
Lectania M. Newcomb Irvington.
Samuel H. Shank Irvington.
William Snodgrass Cyclone.
Bertha Thormyer Irvington.
Avery A. Williams Wabash.
De Motte Wilson Irvington.

Bachelor of Science.
Robert Franklin Davidson North Salem.
## Graduate Students

<table>
<thead>
<tr>
<th>Name</th>
<th>Major, City</th>
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<tbody>
<tr>
<td>Clarke, George Harris, B.S.</td>
<td>Mt. Auburn</td>
</tr>
<tr>
<td>Clarke, William Franklin, A.B.</td>
<td>Mt. Auburn</td>
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<tr>
<td>Dailey, Benjamin Franklin, A.B.</td>
<td>Irvington</td>
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<tr>
<td>Davidson, Robert Franklin, B.S., A.B.</td>
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<tr>
<td>Hall, Robert, A.B. (non-resident)</td>
<td>Kendallville.</td>
</tr>
<tr>
<td>Hall, Thomas Aaron, A.B.</td>
<td>Laughlintown, Pa.</td>
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<td>Jeffries, Eva May, A.B.</td>
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<td>Snider, Daniel Franklin, A.B.</td>
<td>Delta, Ia.</td>
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<td>Tibbett, Vida, A.B.</td>
<td>Irvington</td>
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## Seniors

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<tr>
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<tr>
<td>Braden, Stella</td>
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<td>Brady, Jesse Lincoln</td>
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<td>Brown, Harry Seymour</td>
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<td>Butler, Evelyn Mitchell</td>
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<td>Clifford, Edward Harry</td>
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<td>Fish, Julia</td>
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<td>Howe, Will David</td>
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<td>Hummel, Frank F</td>
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<td>Iden, Lona Louise</td>
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<td>Layman, Daniel Wonderlich</td>
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<td>Minnick, John</td>
<td>Dora</td>
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<td>Thomas, Mary Eola</td>
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<td>Thompson, Luther Addison</td>
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<td>Ward, Bertha Belle</td>
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<td>Williams, Frank Ford</td>
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## Juniors

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<tr>
<td>Baker, Charles Ellsworth</td>
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<td>Brickert, Edwin Wallace</td>
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<td>Bruer, George Green</td>
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<td>Elliott, Rose</td>
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<td>Galvin, Mary Bemis</td>
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<td>Geo, Clara Mae</td>
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<td>Hicks, George Elmer</td>
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<td>Johnson, Emma Claire</td>
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<tr>
<td>Lucas, James Atwell</td>
<td>Frankfort</td>
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</table>
CATALOGUE OF STUDENTS.

Moore, Belle Aurelia .................................. Wanamaker.
Murray, Ora May ......................................... Rushville.
Riley, Charles Albert ................................... Irvington.
Stevens, Charles August ................................. Irvington.
Stover, Anna Charlotte .................................. Ladoga.
Surbey, Edith Daisy ..................................... Indianapolis.
Van Sickle, Minnie Myrtle ............................... Fenton.

SOPHOMORES.

Brayton, May ............................................. Indianapolis.
Brayton, Nelson Dewey .................................. Indianapolis.
Brevoort, Harriet Nell ................................... Columbus.
Brewer, John Clarence ................................... Danville.
Brown, Edward Augustus .................................. Wanamaker.
Cox, William Henry ..................................... Rochester.
Fox, Andrew Noah ........................................ Indianapolis.
Galvin, Georgia Noble .................................... Irvington.
Goodykoontz, Eva Lou .................................... Haughville.
Green, Dora .............................................. Plainfield.
Hadley, Lora Collins ..................................... Indianapolis.
Henderson, Harry Leonard ............................... Kendallville.
Hoke, George Wilson ..................................... Wabash.
Holder, Franklin Brown .................................. Irvington.
Kingsbury, Frank Enoch .................................. Irvington.
Lepper, Manie ............................................ Kendallville.
Mace, Laura ............................................... Blocher.
McNeal, Rose ............................................. Romona.
Negley, Bertha ........................................... Irvington.
Nutt, James Austin ....................................... Irvington.
Pitcher, Ella M ........................................... Samaria.
Reeves, Grace May ....................................... Columbus.
Rupp, Laura Evelyn ....................................... Indianapolis.

FRESHMEN.

Armstrong, Horace Howard ................................. Kokomo.
Barnhill, Lenore Hazel .................................. Crawfordsville.
Barnhill, Retta Valeria .................................. Irvington.
Bebout, Ethel ........................................... Rushville.
Brady, Clarence Abram .................................. Beech Creek, Pa.
Brown, Frank Thurman .................................. Wanamaker.
CATALOGUE OF STUDENTS.

<table>
<thead>
<tr>
<th>Student Name</th>
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<tr>
<td>Butler, John SCOT</td>
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<td>Carpenter, Arthur Bliss</td>
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<td>Clark, William Edward</td>
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<td>Clymer, Robert Woodward</td>
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<td>Culbertson, Charles Wingate</td>
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<td>Davis, John Quincy</td>
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<td>Fulwider, Addison Luther</td>
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<td>Garvin, Joseph Lauret</td>
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<td>Hazlet, James Howard</td>
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<td>Hoising, Franklin Drake</td>
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<td>Jacobs, Elizabeth Jannette</td>
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<td>Ludlow, Earl Thayer</td>
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<td>Moore, Kate</td>
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<td>Orner, Henson Irwin</td>
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<td>Parker, Della</td>
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<td>Plummer, Henry Lewis</td>
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<td>Poer, Robert</td>
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<td>Rogers, Newell</td>
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<td>Sidener, Merle</td>
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<td>Somerville, Alfred Holiday</td>
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<td>Thompson, Etta</td>
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<td>Thormyer, Agnes</td>
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<td>Williams, Jesse Benton</td>
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<td>Wilson, Bertha Louise</td>
<td>Dublin</td>
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<td>Wright, George Gould</td>
<td>Indianapolis</td>
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<td>Yoke, Charles Richard</td>
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OPTIONAL STUDENTS.

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Anderson, Anah McILVaine</td>
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<td>Anderson, John Campbell</td>
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<tr>
<td>Atkinson, Mary Katharine</td>
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<td>Bailey, William Edward</td>
<td>Indianapolis</td>
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</tbody>
</table>
Baker, Edward Elwood ................................. Indianapolis.
Bixler, Eva Margaret ................................. Kokomo.
Bone, Alfred .............................................. Irvington.
Buchanan, Emma Josephine ......................... Indianapolis.
Carson, James D. ........................................ Irvington.
Carver, Leora ............................................ Irvington.
Chase, Electa ............................................. Irvington.
Clarke, Nora .............................................. Mt. Auburn.
Cros, Ben Douglas ....................................... Indianapolis.
Griffith, Harry William ............................... Indianapolis.
Hawkins, Samuel Ripley ............................... New Harmony.
Henley, Minnie .......................................... Southhall, Eng.
Howard, Silence ......................................... Fulton, N. Y.
Hynes, Amos Patterson ............................... Indianapolis.
Jacobs, Parmenus Collins ............................. Irvington.
Johnson, Arthur Albert ............................... Irvington.
Johnson, Blanche ........................................ Indianapolis.
Ludlow, Charles ......................................... Alexandria.
Lockwood, Bertha Greene ............................. Indianapolis.
Manker, Charles .......................................... Mooresville.
Moore, Gertrude ......................................... Irvington.
Morris, Joseph Franklin .............................. Irvington.
Myers, Grace ............................................. Indianapolis.
Myrick, Orlando Henry ................................. Indianapolis.
Niles, Stanley Augustus .............................. Indianapolis.
Powers, Delmer .......................................... Irvington.
Riley, Emma Barrows ................................... Irvington.
Robinson, Frederic Paddock .......................... Irvington.
Schmuck, Adolph ......................................... Indianapolis.
Shackleton, William .................................... Indianapolis.
Shearer, Jesse Allen .................................... Indianapolis.
Smith, William ........................................... Irvington.
Stevenson, Frank James ............................... Irvington.
Thomas, Harry ........................................... Indianapolis.
Tompkins, Roberta Temple ............................ Irvington.
Towles, Henry ........................................... Danville.
Westover, Robert Leland ................................ Vernon.
Wilson, Blanche Elizabeth ............................ Irvington.
Wilson, Herman Treadway .............................. Brighton, Ia.
CATALOGUE OF STUDENTS.

SECOND PREPARATORY.

Banning, Kate Woodward ........................................ Irvington.
Blount, Willis Marvin ........................................ Irvington.
Brevoort, Lulu Belle .......................................... Columbus.
Burford, Ernest Hobbs ........................................ Indianapolis.
Burkhardt, James Calvin ....................................... Tipton.
Byram, Perry ................................................ Fairhaven, Wash.
Carr, Harry .................................................. Wanamaker.
Caylor, Ida Catherine .......................................... Irvington.
Coble, Abraham ............................................... Burnett's Creek.
Coffin, Clarence Eugene .................................... Indianapolis.
Core, William Marion Fifield ................................ Irvington.
Cutts, Arthur Burgess ........................................ Irvington.
Dark, Edward Hurford ......................................... Indianapolis.
Eaton, Myron Clinton .......................................... Boone Grove.
Fletcher, Mary ................................................ Indianapolis.
Foster, Robert Sandford ...................................... Indianapolis.
Freeman, Benjamin Franklin .................................. New Palestine.
Goe, Edwin Herbert ........................................... Irvington.
Graham, Errett McLeod ........................................ Irvington.
Howe, Carrie Rebecca .......................................... Irvington.
Hudson, Charles Rollin ......................................... Paris Crossing.
Kercheval, Katherine Layman ................................ Irvington.
Kettenbach, William Francis ................................ Indianapolis.
Kingsbury, Charles Goodwin ................................ Irvington.
Lester, John Thomas ........................................... Brookston.
Lazarus, George Malcolm ....................................... Indianapolis.
Little, Bertha ................................................ Tipton.
McGaughey, Samuel Virgil ................................... Acton.
Mann, Arthur Richard ......................................... Mannville, Fla.
Mathews, James Corydon ....................................... Indianapolis.
Moffitt, Melva May ........................................... Mattsville.
Morse, Robert Pope ........................................... Indianapolis.
Nutt, Bertha .................................................. Irvington.
Parker, Edward Everet ....................................... Maxinkuckee.
Roberts, Alonzo Swain ....................................... Kendallville.
Shimer, James Tilden .......................................... Irvington.
Sipp, Thomas ................................................. Morristown.
Shrader, Ira Burns ............................................ Jeffersonville.
FIRST PREPARATORY.

Arthur, Walter Emmett
Askren, John Thomas
Bagley, Henry Paterson
Barr, Walter Atwood
Caldwell, Millie
Carver, James Edward
Chase, Frank Errett
Clarke, June
Cook, Gabriel
Davis, William Dayton
Dunham, Joseph Benton
Eacret, Daisy Dean
Field, Gus
Fletcher, Fanny Bence
Ging, Myrtle Iodina
Ging, Virgil Byron
Goodykoontz, Lulu May
Graham, Ernest Burgess
Gray, Wm. Rutherford
Higgins, Otis Centennial
Kealing, Ruth
Keen, Ellesy Clement
Kincaid, Hattie
Koepper, Henry Christian Fred
Loucks, Will Grant
McCurdy, William
McGannon, Evermont Jett
McOuat, Burford
Moore, Anna
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<td>Moorman, Elvet Eugene</td>
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<td>Newlin, John Hawthorne</td>
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<td>Sheetz, Frederick Alfred</td>
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<td>Smith, John Lee</td>
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<td>Wilson, Frank</td>
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<td>Yates, Emmett</td>
<td>Indianapolis.</td>
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**SUMMARY OF STUDENTS.**

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<tr>
<td>Candidates for advanced degrees</td>
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*NANNIE T. CUNNINGHAM, B. S. ............. Indianapolis.
MELLIE B. INGELS, A. B. (Mrs. John Julian) ... Irvington.

*indicates death
*Alonzo Marion Lyster, A. B., Teacher (Died Sept. 26, 1876) .................................. Thorntown.
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Block ................................................ Indianapolis.  
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College), Physician .................................. Hamilton, Kan.  
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Christian College .................................. Excelsior, Minn.  
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578 N. Pennsylvania St. ................................ Indianapolis.  
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Indianapolis News, 361 Massachusetts Ave., Indianapolis.  
Mary Ida Bunker, A. B., Principal of High  
School ................................................ Mechanicsburg, O.  
Street ...................................................... Indianapolis.  
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*Mary E. Couse, B. S. (Mrs. O. P. Gould) (Died 1892) ........................................................................... Winona, Minn.
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Lora C. Hoss, A. B., Merchant .......................................................................................................................... Kokomo.
Colin E. King, A. B. ............................................................................................................................................
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Louis Morgan, A. M., Teacher ..............................................................................................................................
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Clara L. Shank, A. M. ........................... Irvington.

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J. Newton Jessup, A. B., Minister .......... Covington.
Indiana Louisiana Martz, A. B., Teacher .... Chippewa Falls, Wis.
Frank Hamilton Marshall, A. M. .............. Excelsior, Minn.
Tace Clara Belle Meeker, A. B., Teacher ..... Sullivan, Ill.
Frank D. Muse, A. B., Minister ................. Whatcom, Wash.
Henry Thomas Mann, A. B. Teacher Preparatory Department, Butler University ............... Irvington.
348 N. Delaware St .............................. Indianapolis.
Laz Noble, A. B. (with Bowen-Merrill Co., Book-
sellers, Indianapolis) .......................... Irvington.
Alexander Campbell Smith, A. B., Minister. Los Angeles, Cal.
Augusta L. Stevenson, A. B. ..................... Irvington.
Henry Stewart Schell, A. M., Professor Greek pro tem, Butler University ............... Irvington.
Vida C. Tibbott, A. B ............................ Irvington.

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Georgla E. Butler, A. B ........................... Irvington.
Mary I. Brouse, A. B .............................. Irvington.
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City Hospital. Indianapolis.
Charles L. DeHaas, A. B. Hillsboro, O.
William P. Hay, B. S. Washington, D. C.
Robert Hall, A. B., Minister. Kendallville.
Eva M. Jeffries, A. B. Irvington.
Elizabeth D. Layman, A. B. Irvington.
H. W. McKane, A. B., Minister. Jeffersonville.
Emerson W. Matthews, A. B., Minister. Denver, Col.
Ray D. Meeker, B. S., Law Student. Duluth, Minn.
Grace L. Murry, A. B. Indianapolis.
Frances M. Perry, A. B., 57 Broadway. Indianapolis.
Luther E. Sellers, A. B., Minister. Tipton.

CLASS OF 1892.

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John M. Brevoort, A. B. Vincennes.
Reed Carr, A. B. Indianapolis.
William F. Clarke, A. B. Mt. Auburn.
R. Franklin Davidson, B. S. North Salem.
Gertrude Johnson, A. B. Clayton.
W. Frank Lacy, A. B. Noblesville.
Alfred Lauter, A. B. Indianapolis.
Lectania May Newcomb, A. B. Irvington.
Samuel H. Shank, A. B. Irvington.
William Snodgrass, A. B. Cyclone.
Bertha Thormyer, A. B. Acton.
Avery A. Williams, A. B. Wabash.
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*Hon. Oliver P. Morton, LL. D., 1871.
*Hon. James A. Garfield, LL. D., 1871.
Pres. Allen R. Benton, LL. D., 1871, President Butler University, Irvington, Ind.
*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. Shorthridge, 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.
Pres. David S. Jordan, Ph. D., 1877, President Leland Stanford, Jr., University, Palo Alto, Cal.
*Pres. Otis A. Burgess, LL. D., 1877.
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., 1883.
Dr. Rufus Blount, A. M., 1883, Physician, Wabash, Ind.
Dr. F. Grayston, A. M., 1883, Physician, Huntington, Ind.
Alvin I. Hobbs, LL. D., 1885, Minister, Des Moines, Iowa.
*Isaac Errett, LL. D., 1886, Editor Christian Standard, Cincinnati, O.

*Deceased.
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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 Looz, LL. D., 1888, President Kentucky Bible College.
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.