

1892-93

NEW YORK

STATE NORMAL COLLEGE

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14 Cornell St.
Schenectady

NEW YORK
STATE NORMAL COLLEGE

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ALBANY, N. Y.

FOR 1892 AND '93

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1892

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DESIGN OF THE COLLEGE.

The College is established to give instruction in the science and art of teaching. It is a purely professional institution, consequently nothing is studied or taught in it which does not bear directly upon the business of teaching. The courses of instruction include philosophy of education, history of education, systems of education, school economy, methods of teaching, and such other subjects as are immediately related to the professional work of the teacher.

The institution is chartered as a college and empowered to confer degrees in pedagogy, but opportunities are not afforded here to pursue courses of study similar to those pursued in ordinary literary colleges. The subjects of the usual literary courses are not taught in the College, but only *methods of teaching the subjects*. No persons, except those who design to prepare themselves for teaching, will find the subjects and the methods of study suited to their wants and adapted to their needs.

An examination of the requirements for admission and the courses of study which are given in the succeeding pages will disclose the scope of the work and its character, and it is believed that the professional instruction offered will thoroughly prepare persons for entering with success upon teaching in the schools of the State.

It should be borne in mind, however, that some persons who have a desire to teach have no natural aptitude for the work. Thorough scholarship is necessary as a foundation for correct methods of teaching, but fine scholars are not always capable of acquiring that skill in instructing which is requisite for success. All persons who have the scholarship needful to enable them to understand and use the methods of teaching and who believe that they have natural endowments which will enable them to control pupils, are invited to become members of the classes in the College, but we do not pretend to make capable teachers of those who are deficient in learning, or wanting in skill to instruct or tact to manage pupils.

COURSES OF INSTRUCTION.

ENGLISH COURSE.

ADMISSION.

Those who seek admission to this course must be at least seventeen years of age, and greater maturity is desirable.

Candidates for admission must pass satisfactory examinations upon the following subjects: Arithmetic, Algebra through quadratics, Plane Geometry, Grammar, Rhetoric, English Literature, Political and Physical Geography, American History, General History, Botany, Physiology, Zoölogy, Physics, Chemistry, Astronomy, Geology, Book-keeping, Civil Government and Elementary Drawing.

Those who present the following evidences of proficiency will be admitted without examination, viz. : State certificates, diplomas from colleges, universities, the Regents, normal schools, high schools, academies and academic departments of union schools, provided they cover the subjects prescribed for examination in the preceding paragraph, but pass-cards in *advanced arithmetic* and *advanced grammar* will be required in addition to the attainments certified by the Regents', or other academic diplomas. Statements from principals of schools, setting forth the superior qualifications of candidates in advanced arithmetic and advanced grammar will be received as evidences of proficiency and exempt applicants from examination in those subjects.

Examinations for entrance will be held at the College at the beginning of each term. It is not necessary that all the examinations be passed at one time; they may be distributed through two years, if the candidate prefers. Admission to the College can not, however, be granted until the examinations are successfully completed.

A knowledge of Latin or Modern Languages may be substituted for other subjects prescribed for entrance, but it can not be allowed for any subjects except those commonly called advanced studies.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM.

Psychology. Philosophy of Education.
 Methods of teaching the following subjects:
 Number. Geography. Composition. Vocal Music.
 Arithmetic. Grammar. Reading.
 Daily discussion of Educational Themes.
 Essays upon Educational Subjects.
 Preparation of Devices for Teaching.

SECOND TERM.

Methods of teaching the following subjects:
 Algebra. Physics. Botany (Elementary). Object Lessons.
 Geometry. History. Zoölogy (Elementary). Civil Government.
 Drawing. Penmanship.
 Daily discussion of Educational Themes.
 Essays upon Educational Subjects.
 Preparation of Apparatus and Specimens.

SECOND YEAR.

FIRST TERM.

Methods of teaching the following subjects:
 Chemistry. Book-keeping. Mineralogy. Rhetoric. Mensuration.
 Physical Geography. Geology. English Literature.
 Botany. Zoölogy. Physiology. Familiar Science. Astronomy.
 Daily discussion of Educational Themes.
 Essays upon Educational Subjects.
 Preparation of Apparatus and Specimens.

SECOND TERM.

School Economy. History of Education. Sanitary Science
 Elocution. Kindergarten Methods. Physical Culture
 School Law. Methods of Teaching Political Economy.
 Teaching in Model School.

Those who complete the above course successfully will receive a diploma, which will be a license to teach in the public schools of the State for life. No degree will be conferred upon graduates from this course.

CLASSICAL COURSE.

ADMISSION.

Those who desire admission to this course must be at least seventeen years of age, but no one will be graduated from the course who is not at least twenty years of age.

Candidates for admission must pass satisfactory examinations upon all the subjects required for entrance to the English course, and in addition thereto Solid Geometry, Plane Trigonometry, Cæsar, three books, Cicero, six orations, Virgil's Æneid, six books, Latin Prose Composition, Xenophon's Anabasis, three books, Homer's Iliad, three books, and Greek Prose Composition.

Instead of the requirements in Greek the candidates may offer a two years' course in French or German or a less amount of both.

Those who present the following evidences of proficiency will be admitted without examination, viz.: diplomas from colleges, universities, the Regents, normal schools, high schools, academies, and the academic departments of union schools, provided they cover the subjects prescribed for examination in the preceding paragraph, but pass-cards in *advanced arithmetic* and *advanced grammar* will be required in addition to the attainments certified by the Regents', or other academic diplomas. Statements from principals of schools, setting forth the superior qualifications of candidates in advanced arithmetic and advanced grammar will be received as evidences of proficiency and exempt applicants from examinations in those subjects. The Regents' eighty-count diploma admits without conditions.

Examinations for entrance will be held at the College at the beginning of each term. It is not necessary that all the examinations be passed at one time; they may be distributed through two years, if the candidate prefers. Admission to the College can not, however, be granted until the examinations are successfully completed.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM.

Psychology. Philosophy of Education.
 Methods of teaching the following subjects:
 Number. Geography, Composition. Vocal Music.
 Arithmetic. Grammar. Reading.
 Daily discussion of Educational Themes,
 Essays upon Educational Subjects.
 Preparation of Devices for Teaching.

SECOND TERM.

Methods of teaching the following subjects:
 Algebra. Physics. Botany (elementary). Object Lessons.
 Geometry. History. Zoölogy (elementary). Latin.
 Daily discussion of Educational Themes.
 Essays upon Educational Subjects.
 Preparation of Specimens and Apparatus.

SECOND YEAR.

FIRST TERM.

Methods of teaching the following subjects:
 Chemistry. Mineralogy. Rhetoric. English Literature.
 Physical Geography. Geology. Mensuration. Astronomy.
 Zoölogy. Physiology. Greek or French or German.
 Daily discussion of Educational Themes.
 Essays upon Educational Subjects.
 Preparation of Specimens and Apparatus.

SECOND TERM.

School Economy. History of Education. Sanitary Science.
 Elocution. Kindergarten Methods. Physical Culture.
 School Law. Methods of Teaching Political Economy.
 Teaching in Model School.

Those who complete the Classical Course successfully will receive diplomas licensing them to teach in the public schools of the State for life, and the degree of Bachelor of Pedagogy will also be conferred upon them.

SUPPLEMENTARY COURSE

FIRST TERM.

- | | |
|---|---|
| <i>Carpenter</i> , Mental Physiology. | <i>Bain</i> , Mental Science. |
| <i>Spencer</i> , Education. | <i>Bain</i> , Education as a Science. |
| <i>Hickok</i> , Moral Science. | <i>Rousseau</i> , Emile. |
| <i>Compayré</i> , Elements of Psychology. | <i>Radesstock</i> , Habit in Education. |
| <i>Froebel</i> , The Education of Man. | <i>McArthur</i> , Education in Relation to Manual Industry. |
| <i>Stanley</i> , Life of Dr. Arnold. | <i>Fitch</i> , Lectures on Teaching. |
| <i>Mahaffy</i> , Old Greek Education. | |
| Discussion of current Educational Themes. | |

SECOND TERM.

- | | |
|--|---|
| <i>Guimps</i> , Life of Pestalozzi. | <i>Bowne</i> , Introduction to Psychological Science. |
| <i>Payne</i> , Contributions to Educational Science. | <i>Brown</i> on Art. |
| <i>Rosenkranz</i> , Philosophy of Education. | <i>Jevon's</i> Principles of Science. |
| <i>Winchell</i> , Doctrine of Evolution. | <i>Whewell</i> , History of the Inductive Sciences. |
| <i>Hill</i> , True order of Studies. | <i>Quick</i> , Educational Reformers. |
| <i>Parsons</i> , Systems of Education. | <i>Browning</i> , History of Educational Theories. |
| <i>Klemm</i> , European Schools. | <i>Rosmini</i> , Method in Education. |
| School Supervision. | Schools for Professional Training. |
| Discussion of current Educational Themes.
A Thesis. | |

Graduates from the English Course will receive the degree of Bachelor of Pedagogy upon their completing the Supplementary Course.

Graduates from the Classical Course will receive the degree of Master of Pedagogy upon their completing the Supplementary Course.

GRADUATES OF COLLEGES.

Graduates of colleges and universities will be allowed to select (with the approval of the Faculty) from the curriculum of study a course which may be completed in one year. Upon their completing it successfully and showing their ability to instruct and manage pupils properly, they will receive diplomas which will be licenses to teach, and the degree of Bachelor of Pedagogy will also be conferred upon them.

SPECIAL STUDENTS.

Persons of maturity, who have had large and successful experience in teaching, but who have not the attainments in scholarship required for admission into the regular courses, and those that have the qualifications for entrance who wish to pursue special courses, will be permitted to enter the College and pursue elective courses such as the Faculty may approve, but they will not be granted diplomas, nor will degrees be conferred upon them.

COURSE FOR KINDERGARTNERS.

ADMISSION.

Applicants must be at least eighteen years of age. They must be graduates from some high school, academy, academic department of a union school, or other higher institution of learning, that they may be mentally fitted to comprehend and apply understandingly the truths underlying the Fröbel system. They should have a natural love for children so that they may enter into childish joys and sorrows in a sympathizing manner. They should have the consciousness of a high moral purpose and a love for nature; good health, industry and a cheerful and contented disposition. They should be able to play the piano, and have a true ear and voice for singing.

COURSE OF INSTRUCTION.

This will include lessons on the use of the following articles and occupations in developing the child's mind: Ball, Sphere, Cube and Cylinder, Blocks, Tablets, Slats, Sticks, Rings and Peas-work; Pricking, Sewing, Drawing, Lacing, Weaving, Paper-cutting and Paper-folding.

Systematic instruction will be given upon the principles and philosophy of training which underlie the kindergarten system. Lessons on the care of children and on story-telling will also occupy the attention of the students during a part of the course.

Instruction in the Holt system of music will be given, so that the Kindergartners may be able to teach the rudiments of vocal music to children.

Lessons in physical culture and kindergarten music and games will form a part of the course.

Lessons in Botany and Natural History will be given, with methods of presenting them to little children.

Instruction in Free-hand Drawing and in Modeling will be given during the year.

Students will be required to prepare pattern books of Weaving, Sewing, Pricking, Paper-folding and Paper-cutting, and they will be expected to invent new forms for themselves in accordance with the principles underlying all the work.

Students will be required to observe for a time the work done in the Kindergarten, from nine until twelve. They will afterwards write out their observations and submit them to the class for approval and criticism. As soon as the students are qualified to enter upon the work of instruction, they will be given practical work with the children.

A course of reading will be prescribed, including such books as Autobiography of Fröbel, Reminiscences of Fröbel, Education of Man, Emile, Leonard and Gertrude, Sully's Hand-Book of Psychology, and other works upon educational themes. Frequent essays upon the various phases of the instruction and training of children, and abstracts of the books read will be required.

A diploma will be given at the end of one year to those who complete the course satisfactorily.

Those who desire to enter the course for Kindergartners must present themselves at the beginning of the school year in September, because only one training class will be organized during the year.

MODEL SCHOOL.

The model school is organized and maintained that students may have an opportunity for observing the successful application of the methods of teaching, and that they may have an opportunity to display their knowledge and skill in teaching and managing pupils.

The school has four departments: Kindergarten, Primary, Grammar and High School. The courses of study cover the subjects necessary for preparation for business, for college, or for entering the Normal College. It is designed to make the school what its name signifies, a model which graduates may follow advantageously in methods of teaching and in discipline.

The teaching in this school will be done chiefly by pupil teachers, though model lessons will be given from time to time by the teachers in charge, so that those who are preparing to teach may have illustrations to guide them in the application of the principles underlying education.

GENERAL INFORMATION.

APPOINTMENTS.

All persons desiring admission to the College should apply to their School Commissioner or City Superintendent for an appointment. The appointments will be sent by him to the Superintendent of Public Instruction who will send them to the President of the Normal College.

Students from any part of the State may receive appointments to membership in the College, and School Commissioners and City Superintendents are not restricted as to the number of appointments issued.

DECLARATION.

Before admission to the College students will be required to sign the following declaration: We, the undersigned, hereby declare that our object in entering the New York State Normal College, is to prepare ourselves to discharge in an efficient manner the duties of a teacher; and we further declare that it is our intention to devote ourselves to teaching in the schools of the State.

EXPENSES.

There will be no charge for instruction to those who are residents of the State and text-books will be loaned without expense. Persons not residents of the State will be charged twenty dollars per term for their tuition and the use of books. The amount of fare necessarily paid in coming to the College by public conveyance will be refunded to those residents of the State who are present at the beginning of a term and remain till its close.

Kindergartners are required to pay ten dollars for materials.

Board can be obtained in respectable families at rates varying from \$3.50 to \$4.00, exclusive of washing. Those who wish to board themselves can rent furnished rooms for from \$1.00 to \$1.25 per week.

All boarding places are visited by some member of the Faculty, who inspects the house and its surroundings, and examines into the sanitary condition of the premises. Students are required to board at such places only as are approved by the Faculty, and no change of boarding place may be made without the consent of the authorities of the College.

Upon arriving in the city, students should go directly to the College buildings upon Willett street, where they will find a member of the Faculty, who will direct them to suitable boarding places. Checks for baggage should be retained until rooms are secured.

LOCATION OF THE COLLEGE.

The College buildings are situated in the most beautiful and attractive part of the city of Albany. They front upon Washington park, which is a model of beauty and taste, thus commanding at once the advantages of city and rural life. They are about a mile and a half from the railway stations, but may be conveniently reached by those who arrive by train, either by the Hamilton street line of electric cars, which start from Maiden Lane on North Pearl street, or by the Madison avenue cars, which start from the foot of State street. They each run within a half block from the College.

LIBRARIES.

The College has a good collection of works of reference to which the students have access daily. Besides this, the State Library, the Young Men's Association Library, the Young Men's Christian Association Library and the Public Library, are open daily for readers and for drawing books. In these libraries almost any work upon any subject can be found, so that the students may pursue their investigations with the greatest success, and also become acquainted with all the current literature.

READING ROOMS.

The reading rooms afford unusual opportunities to the students to acquaint themselves with current events. Every periodical of value that is published in this country or foreign countries may be found on the tables of the public reading rooms. Daily, weekly and semi-weekly papers, magazines, reviews, and quarterlies upon literature, science, art, religion and the trades, are open to the inspection of all readers daily. The reading room at the College is open every afternoon, and those of the Young Men's Association and of the Young Men's Christian Association are open throughout the day.

MUSEUM OF NATURAL HISTORY.

In this institution the State has provided, at an expense of nearly a million and a half of dollars, the means for studying Geology, Botany, Zoölogy and Entomology. The collection of specimens exhibited there is hardly equaled in the country, and it is believed that for educational purposes it cannot be surpassed. An opportunity will be given the students to acquaint themselves, as far as possible, with the specimens and the relics and curios which are found in the museum.

DUDLEY OBSERVATORY.

No astronomical observatory in America is better known than this, and it justly stands high, not only on account of its appliances for observing and studying the heavens, but also because of the ability of the Director and his assistants. The students of the College will have the opportunity of visiting the observatory and learning of the practical workings of astronomical apparatus.

GYMNASIUM.

There is in connection with the Young Men's Christian Association a superior gymnasium fitted up, at large expense, with all the most approved appliances for securing proper physical development. The members of the class are examined by the director of physical culture, and such exercises are prescribed as will strengthen them in the directions in which strength is needed. All the training and exercises are supervised by the professor in charge, and care is taken to secure health and activity rather than mere strength.

LECTURES AND ENTERTAINMENTS.

A course of lectures by distinguished specialists is maintained at the College, to which students are admitted without charge. The following was the course for 1891 :

- Professor Melvil Dewey, M.A.—“Rational Spelling.”
 Frederick Harris, M.A.—“The Vagaries of Evidence.”
 Samuel B. Ward, M.D., Ph.D.—“Photography.”
 Hon. Andrew S. Draper, LL.D.—“The Alabama Claims.”
 Gen. T. J. Morgan, D.D.—“Education of the Indians.”
 Supt. Chas. W. Cole, M.A.—“Compulsory Education.”
 Professor Lewis Boss, M.A.—“Development of the Exact Sciences.”
 Marcus T. Hun, M.A.—“The Historical Sequence and Consequence of
 Judicial Procedure.”
 Robert C. Pruyn, M.A.—“The National Banking System.”

In addition to the course at the College, two courses of lectures and entertainments are provided each year—one by the Young Men's Christian Association at Jermain Hall, and the other by the Young Men's Association at Harmanus Bleecker Hall, one of the largest and most elegantly appointed audience rooms in the country. For these lecture courses no pains are spared to secure the best talent available, and the large audiences which crowd the halls attest the approval by the public of these means of education.

There are also frequent opportunities to hear concerts given by the most eminent musicians, addresses by the most distinguished speakers, and other entertainments by the best talent in the land.

LITERARY SOCIETIES.

There are four flourishing literary societies connected with the College. Weekly sessions are held by them for the purposes of debate and general literary culture, and semi-annual public sessions are held, which are of very great interest and profit.

THE CAPITOL.

The finest building in America is the State Capitol at Albany, where the legislative and other departments of the State government hold their sessions and have their offices. Here students have an opportunity to learn in a most practical way the methods of procedure in parliamentary bodies, and of hearing and seeing the leading statesmen of this State and of the nation. The leading lawyers of the country are also to be heard daily before the Court of Appeals, which is composed of the most eminent jurists in the State.

CONCLUSION.

All letters with reference to the courses of study, conditions of admission, or other matters connected with the institution, should be addressed to the President of the College.



CALENDAR FOR 1892-93.

The College year is divided into two terms of twenty weeks each. The Fall term begins on the first Wednesday in September, and the Spring term on the first Wednesday in February.

1892.

Spring term begins,	-	-	-	-	-	February 3
Examination and Registration of students,	-	-	-	-	-	February 3
Arbor Day,	-	-	-	-	-	May 6
Memorial Day,	-	-	-	-	-	May 30
Exercises of Graduating Class,	-	-	-	-	-	June 17
Fall term begins,	-	-	-	-	-	September 7
Examination and Registration of students,	-	-	-	-	-	September 7
Thanksgiving Vacation,	-	-	-	-	-	November 24 and 25
Holiday Vacation begins,	-	-	-	-	-	December 23

1893.

Holiday Vacation ends,	-	-	-	-	-	January 2
Exercises of Graduating Class,	-	-	-	-	-	January 31
Spring term begins,	-	-	-	-	-	February 1
Examination and Registration of students,	-	-	-	-	-	February 1
Arbor Day,	-	-	-	-	-	May 5
Memorial Day,	-	-	-	-	-	May 30
Exercises of Graduating Class,	-	-	-	-	-	June 15
Fall term begins,	-	-	-	-	-	September 6
Examination and Registration of students,	-	-	-	-	-	September 6
Thanksgiving Vacation,	-	-	-	-	-	November —
Holiday Vacation begins,	-	-	-	-	-	December 22