

BULLETIN
THE SAN DIEGO STATE NORMAL SCHOOL

Volume III

JUNE, 1915

No. 2

CATALOG FOR 1914-1915

CIRCULAR OF INFORMATION
FOR 1915-1916



PUBLISHED QUARTERLY BY THE STATE NORMAL SCHOOL OF SAN DIEGO
SAN DIEGO, CALIFORNIA

CALIFORNIA STATE PRINTING OFFICE

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CALIFORNIA STATE PRINTING OFFICE



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MARTIN ROTH	- - - - -	Head Gardener
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FACULTY.

EDWARD L. HARDY, PRESIDENT	- - - - -	School Administration
B.L., University of Wisconsin; graduate student, University of Chicago; study of European secondary schools, 1898-1899; Principal San Diego High School, 1906-1910.		
W. F. BLISS, VICE PRESIDENT	- - - - -	History and Civics
B.S., Mount Union; B.L., M.L., University of California; Vice-Principal and Instructor in History, High School, Santa Barbara, Cal., 1899-1900; Teaching Fellow, University of California, 1908-1909. (Appointed September, 1900.)		
GERTRUDE LONGENECKER	- - - - -	Head Department of Education
M.A., University of Chicago. Formerly head of Department of Practice Teaching and member of Department of Education, State Normal School at Kirksville, Mo.; member of Department of Education, Chicago Normal School; special lecturer, Illinois State Normal University. (Appointed September 1, 1912.)		
MRS. ADA HUGHES COLDWELL, DEAN OF WOMEN	- - - - -	Head Department of Household Economics
Special study, Europe, 1899-1900; Special Student in Domestic Science, Teachers' College, Columbia University, New York City, 1907. (Appointed June, 1907.)		
MIRIAM E. BESLEY	- - - - -	Vocational Education
Ph. B., A.M., Wellesley College and University of Chicago; Superintendent City Schools, Waukegan, Ill.; study of English and European elementary schools, 1902-1903; special investigator of vocational guidance and pre-vocational education, Chicago, 1911-1913. (Appointed September 1, 1913.)		
JANE BUTT	- - - - -	English and Expression
A.B., University of Wisconsin; B.O., Northwestern University; Instructor in the University of Wisconsin; "Otis Skinner" Dramatic Company; Instructor Cumnoek School of Expression, Los Angeles; Sub-head Department of Expression, Los Angeles High School.		
VINNIE B. CLARK	- - - - -	Geography
A.B., University of Wisconsin; graduate student, University of Chicago; assistant in geography, University of Wisconsin; Oak Park, Ill., High School, 1913-1914. (Appointed September 1, 1914.)		
GEORGIA V. COY	- - - - -	Biology and Physical Education
State Normal School, San Diego; B.S., Columbia University. (Appointed September, 1912.)		
REBA FLETCHER DOYLE	- - - - -	Assistant, Household Economics
Graduate San Diego Normal School; Diploma, State Normal School of Manual Arts and Home Economics, Santa Barbara; Teacher in the Los Angeles City Schools, 1915. (Appointed September 1, 1915.)		

- ROSE E. JUDSON - - - - - *Music*
Supervisor of Public School Music, Elgin, Ill. (Appointed September 1, 1911.)
- EMILY O. LAMB - - - - - *Drawing*
State Normal School, Brockport, N. Y.; Normal Art Course, Pratt Institute, N. Y.; Department of Drawing, Cumberland Valley State Normal School, Pa., 1897-1899; Supervisor of Drawing in grade schools and High School, Santa Barbara, Cal., 1900-1904. (Appointed July, 1905.)
- GERTRUDE LAWS - - - - - *Principal Intermediate School*
Graduate State Normal School, San Diego; departmental teacher, city schools of San Diego. (Appointed September 1, 1913.)
- IRVING E. OUTCALT - - - - - *Head Department of English*
A.B., Stanford University, 1896; A.M., 1897, University of Illinois; Head Department of English, San Diego High School, 1907-1911. (Appointed September 1, 1912.)
- LOTHAR RALL - - - - - *Manual Training*
Gymnasium, Heilbronn, Germany; State Normal School of Manual Arts and Home Economics, Santa Barbara, California; University of California; Instructor in Manual Training School, Riverside, Cal. (Appointed September 1, 1914.)
- W. T. SKILLING - - - - - *Agriculture and Nature Study*
State Normal School, Los Angeles, Cal.; M.S., University of California; teacher in public schools, Los Angeles, Cal., several years; Assistant in Physics, University of California, 1899-1901. (Appointed September, 1901.)
- JESSIE RAND TANNER - *Head Department of Physical Education*
Graduate Boston Normal School of Gymnastics; B.S., Columbia University; Bachelor's Teaching Diploma, Teachers' College, Columbia University; Tutor, Brookline, Mass., 1901-1902. (Appointed July, 1904.)
- CAROLINE I. TOWNSEND - - - - - *Primary Education*
Ph.B., University of Chicago; Indianapolis Normal School; Teachers' College, Columbia University; teacher of primary reading and literature in the public schools of Indianapolis and Tacoma. (Appointed July 1, 1913.)
- MRS. A. M. VALENTIEN - *Elementary Manual Training and Arts and Crafts.*
School of Design, University of Cincinnati; Art Academy of Cincinnati; Academie Colorossi, Paris; Under Injalbert and Roller; Academie Rodin, Paris; Under Rodin, Bourdelle and Des Bois; Employed at the Rockwood Pottery for twenty-one years as decorator and modeler. (Appointed September, 1914.)
- JAMES G. WILKINSON - - - - - *Biological Sciences*
B.S., Northwestern University; Instructor in Biology, Central State Normal School, Lock Haven, Pa., 1907-1908; Instructor in Biology, State Normal School, Superior, Wisconsin, 1910-1911. (Appointed September, 1913.)

*On leave of absence, Sept. 1, 1915, to July 1, 1916.

HISTORICAL.

The State Normal School of San Diego was established by the legislature of the State, March 13, 1897. It has occupied the present site since May 1, 1899. During the eighteen years of its existence it has graduated one thousand students. In September, 1910, the Training School was moved from the main building to a new building erected on the campus at a cost of \$55,000, including equipment. Adequate equipment for out-of-door work was added in 1913.

REQUIREMENTS FOR ADMISSION.

Candidates for admission must be at least sixteen years of age, of good moral character, and physically healthy.

All applicants for admission must sign the following declaration:

I hereby declare that my purpose in seeking admission to the State Normal School of San Diego is to fit myself for teaching, and that I intend to teach in the public schools of California, or of the State or Territory in which I may reside.

Applicants will be admitted as follows:

(a) Recommended graduates of accredited secondary schools of California.

(b) Graduates of secondary schools outside of California, provided their credentials are the equivalent of recommended graduation from a California secondary school.

(c) Applicants partially recommended, and graduates of non-accredited high schools, will be admitted conditioned upon making up deficiencies, either by examination or by class work, at the option of the department concerned.

(d) Applicants presenting credentials from other normal schools and institutions of the college grade will be assigned to such advanced standing as, in the judgment of the Committee on Advanced Standing, their credentials may warrant.

(e) Teachers of experience not candidates for graduation will be admitted as visiting teachers for the purpose of doing special work.

(f) All applicants will be examined in literacy, and arithmetic. Any applicant found deficient in ability to read with clear and pleasing expression, to write a good theme, and to show a reasonable degree of

knowledge of current events and modern thought, will be either refused admission or required to make up his deficiency.

Subjects are not prescribed as prerequisite to admission, except as follows:

English—Three or four years in the high school, or two years of English and two years of a foreign language.

A laboratory science—Taken in the third or fourth year of the high school.

Arithmetic—A review of, in the high school; or in this school, if the entrance examination is not passed.

American History—Taken in the third or fourth year of the high school.

Deficiencies in these prerequisites may be made up in special classes.

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ADVANCED STANDING.

Experienced teachers holding grammar-school or first-grade certificates will be admitted to the Normal School upon presenting such certificates, together with satisfactory letters of recommendation. They will receive such credit as their preparation and *successful* experience may warrant. On the other hand, they will be required to make up such deficiencies as their work in the school may reveal.

Credits for successful teaching may be given on the following basis:

For 5 or more years.....	4 teachings or 14 units
For 3-5 years.....	3 teachings or 10½ units
For 2 years.....	2 teachings or 7 units
For 1 year.....	1 teaching or 3½ units

Less than one year in teaching will not be recognized.

A unit is defined as the equivalent of 1 hour of work a week pursued for eighteen to twenty weeks.

One year of teaching will be interpreted to mean not less than eight months.

Credits obtained in the State Normal Schools of California or other states; or in colleges and universities of recognized standing, will be honored so far as they cover the work of the regular course of study in this school.

The Committee on Advanced Standing, in arranging programs for students admitted under the foregoing conditions, will first provide for courses in Education, adding other branches to complete the required number of hours.

REQUIRED FOR THE DIPLOMA.

Twenty to twenty-three hours per week for four semesters.

Students intending to enter either the University of California or Leland Stanford Junior University may substitute (as arranged), for other subjects, two years of French or Spanish.

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RECOMMENDATIONS.

All candidates for admission must present one or two letters of recommendation from responsible people—former teachers, where possible. Applicants from other normal schools, or schools of equivalent grade, must file with the registrar honorable dismissal certificates, signed by the proper authorities of the schools or colleges last attended by the applicants. Each honorable dismissal certificate should state the educational record of the applicant.

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HALF-YEAR COURSE FOR CANDIDATES FOR THE HIGH SCHOOL CERTIFICATE.

A description of this course will be furnished upon application.

* * * *

FOREWORD.

The main purpose of the Normal School is to prepare proper persons to teach in the public schools of this State. No one unsuited to this service because of temperament, or because of ill health or physical disability, should apply for admission. The standards of the teaching profession are higher each year, not alone in scholarship, but especially along the lines of personal power and general culture. It is the aim of the school to furnish the student both opportunity and help in acquiring the preparation which he needs to become a successful teacher.

Students will be admitted to practice teaching in the Training School only by vote of the faculty.

APPOINTMENT SERVICE.

An appointment department is maintained by the school, the principal purpose of which is to assist superintendents and trustees in securing teachers suited to their needs.

* * * *

EXPENSES.

Students are required to furnish their own text-books. Tuition is free in all departments. A matriculation fee of five dollars will be charged students taking special courses, and small fees are charged for materials used in laboratory courses. The Associated Student Body fee is \$1.00 each semester.

The school has no dormitories, but rooms and board may be obtained at reasonable rates in suitable homes, recommended by the Dean of Women, where proper supervision will be exercised. The Dean must be consulted before boarding places are selected. Letters of inquiry may be addressed to her at any time, and she will be found in her office one week before the opening of the school.

* * * *

RIGHTS OF GRADUATES.

The rights and privileges of graduates of California State Normal Schools are defined in section 1503 of the Political Code, the principal features of which are as follows:

The Board of Trustees of each State Normal School, upon the recommendation of the Faculty, may issue diplomas of graduation to those students who worthily complete the full course of study and training prescribed.

Said diploma shall entitle the holder thereof to a elementary school certificate from any county or city and county board of education in the State.

* * * *

EQUIPMENT.

The school has standard, modern equipment, sufficient for all of its work, both required and elective.

ATHLETICS.

Facilities for athletics include tennis courts, boat-house and barges, a playground, an athletic field and a standard, modern gymnasium.

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THE CLIMATE OF SAN DIEGO.

Temperatures are usually shown on a globe by lines which pass through regions of the same degree of heat or cold. Red lines of 60 degrees and 70 degrees, showing the summer temperature at San Diego, also inclose Alaska and Siberia. Blue lines of 50 degrees and 60 degrees, showing the winter temperature at San Diego, inclose Egypt and Arabia. Thus San Diego may be said to have Alaskan summers and Egyptian winters.

* * * *

COURSE OF STUDY.

NOTE.—Eighty semester units (hours) of credit are required for graduation. Electives may be taken only after credits for required subjects, on the basis of previous equivalent work, have been granted by the registrar.

FIRST YEAR, JUNIOR B SUBJECTS.

	Hours.	Credits.
Education I -----	3	3
*Music I -----	5	3
*Drawing I -----	5	4
*Science I -----	5	4
*Geography I -----	4	3
Applied Sociology -----	1	1
Physical Education -----	2	1
	25	19

FIRST YEAR, JUNIOR A SUBJECTS.

	Hours.	Credits.
Teachings I and II	5	5
Conference (Methods)	1	1
Methods	1	1
Science II	5	3
Elementary Manual Training and Nature Study (each one-quarter)	4	3
*Grammar	2	1
*Reading and Expression	3	3
Physical Education	2	1
Elective	3	3
	<hr/>	<hr/>
	26	21

SECOND YEAR, SENIOR B SUBJECTS.

	Hours.	Credits.
Teachings III and IV	5	5
Conference (Methods)	1	1
Methods	1	1
Home Economics	2	2
Literature I, Modern Prose	2.5	2.5
Contemporary History	2.5	2.5
Education IV (Special Methods)	2	2
Elective	4	4
	<hr/>	<hr/>
	20	20

SECOND YEAR, SENIOR A SUBJECTS.

	Hours.	Credits.
Teaching: Chiefly in city or rural schools, one-half day for one-quarter	8	8
Education V and Hygiene—each one-quarter	3	3
Education II (Psychology)	3	3
Literature II, or Elective	4	4
Social Economics	2	2
	<hr/>	<hr/>
	20	20

*Students passing entrance examinations and showing a thoroughly good average of adequate preparation in these subjects, or bringing recommended credits in them from high schools offering equivalent courses previously accredited by the normal school, will be given equivalent advanced credit, and, if Teachings I and II are satis-

factory, may be registered as candidates for the departmental teacher's recommendation, to be given, with the regular diploma of the school, on the completion of two years of work. In place of the subjects thus omitted, the candidate will take related elective courses which will entitle him to the departmental teacher's recommendation. Credit given in one or more of these subjects will entitle the student to the taking of an equivalent amount of additional elective work.

NOTE.—Recommendation for departmental teaching must not be construed as recommendation for *special certification*.

ELECTIVES.

	Hours.		Hours.
Literature II	4	Food and Dietaries	5
Periodical Literature	2	Institutional Cookery	5
The Short Story	2	Sewing	4
Spanish	5	Woodwork, I, II, each	5
Dramatization of History and Literature	3	Woodwork III	10
Education III	3	Mechanical Drawing	5
Primary Education	3	Arts and Crafts I	5
Vocational Education	3	Arts and Crafts II	5
Standards in Education	3	Drawing II	3
Library Methods	3	Music II	3
Rural School Problems	3	Agriculture, I and II, each	4
Geography II	4	Farm Mechanics	5
Geography III	4	Plays and Games	2
Typewriting	5	Elementary Gymnastics	5
Domestic Chemistry	4	Bookkeeping	3

NOTE.—Detailed description of the elective courses will be furnished upon request.

DEPARTMENTAL COURSES.

These courses, requiring the equivalent of three years of work and made up of correlated electives arranged in consultation with the registrar, may be taken by qualified undergraduates, or by graduate students who wish to become departmental teachers. The courses are not intended for candidates for special certificates, recommendations for which will not be given by this institution except to a few selected holders of fellowships, as indicated below.

* * * *

PRACTICE TEACHING.

The amount of practice teaching required is indicated in the outline of the course of study. It includes both training in the teaching of subjects and training in the handling of the school group for half-day and all-day periods, in the training school and in neighboring city and rural schools.

FELLOWSHIPS.

Fellowships (without honorarium) have been instituted, a fellowship to be conferred by vote of the faculty on nomination of the department concerned, and to entitle the recipient to special training and to recommendation to county boards of education for the special elementary or the special high school certificate.

Candidates must be graduates of California, or equivalent, normal schools, and must submit satisfactory evidence of special fitness and attainment, or must be able to show two years of college or other equivalent training and special fitness.

Holders of fellowships who have done one year of satisfactory work, will be entitled to recommendation for the special elementary certificate, and those who have done two years of work will be recommended for the special high school certificate; *provided*, that within the period specified, they are able to meet any requirements that the State Board of Education may have been authorized by law to impose.

BRIEF DESCRIPTION OF THE PROFESSIONAL COURSES.

NOTE.—Only the required courses are here outlined, except those in pedagogy and English.

The usual method of presenting the theory of education under such heads as "Psychology," "Child Study," "Pedagogy," etc., is not followed, but such material is selected from all of these fields as seems most valuable for advancing the student's knowledge along three lines—child nature and development, the ends of education, and the means to be employed in the process. The work throughout consists of readings, reports, papers, and class discussions.

Education I—Analysis of Teaching Process.

After considering the child's nature—his instincts, capacities and interests, and the importance of using these as points of departure in the teaching process—the class will discuss the social complex to which the child must learn to adjust itself by way of organized habits and ideals. The several types of lessons—inductive, deductive, appreciative, study, drill, and review which serve as means of adjustment of the child to his environment—together with school-room conditions affecting his physical and moral welfare, will be given attention.

3 hours a week for one semester.

Education II—Psychology as Applied to Education.

The second part of the course views education from the standpoint of psychology. The following topics are discussed: The relations of mind and body; conscious states and processes,—attention, perception, association, memory, imagination, apperception, reasoning, and judging; the control of conscious processes,—instinct, feelings and emotions, practice and habit, will. Some attention is also given to individual differences in children. The aim is to apply the psychological knowledge gained directly to problems in education, and many topics usually considered under the head of "General Methods" are given consideration here.

3 hours a week for one semester.

Education III—History of Education.

The third part of the course consists of the history of education, which includes a study of the lives and teachings of a few of the greatest

educators, and of some notable school systems and great social movements which have strongly influenced education.

(Elective.) *3 hours a week for one semester.*

Education IV—The Teaching of Elementary School Subjects.

The teaching of arithmetic and the language arts and instruments—reading, writing, spelling, oral and written composition—will be discussed with special reference to the recent experimental work in education and the suggestions which it offers both as to subject matter and method in the elementary school. Discrepancies in the usual methods of marking students will be noted, and an equitable system based upon the "probability curve" will be worked out.

3 hours a week for one quarter.

Education V.

School administration as it affects the teacher, including her relations to administrative officers,—and school law of California.

3 hours a week for one quarter.

Rural School Problems.

The distinct purposes of this course are:

1. To study the evolution of rural school education and to lead students to realize the actual conditions of rural life through their own observation and through the study of the literature dealing with the subject.
2. To discover what is being done in various parts of the world to ameliorate rural conditions.
3. To ascertain the part the school should take in this work.
4. To develop a sympathetic attitude and to formulate some definite ideas and plans as to the service a teacher may render her community.

(Elective.) *3 hours a week for one semester.*

Vocational Guidance and Vocational and Pre-Vocational Education.

This course will deal with the problems which have grown up through the failure of the school to meet the needs of the non-book type of child. It will include instruction in the making of community surveys as a basis for the introduction of pre-vocational work into the elementary school; special vocational courses in high school, and special types

of schools, such as continuation, part-time, and trade. It is the intention to make the course especially practical for superintendents, principals and teachers contemplating the introduction of vocational work into the schools.

(Elective.) *3 hours a week for one quarter.*

Standards of Measurement as Applied to Elementary School Subjects.

The Binet-Simon tests to determine the mental efficiency of the normal as well as the sub-normal child, the Thorndike and Ayres scales for measuring the quality and legibility of handwriting, the Hillegas tests for attainment in English composition, the Bryan and Harter tests for determining the best methods for memory drill, and the Curtis standards for measuring the arithmetical abilities of the individual child, and tests for making standard measures in arithmetic, in all grades, will be considered. Practical exercises in the uses of the tests and standards will be given so that a superintendent, principal, or teacher may ascertain scientifically how different school systems or different schools and grades in the same system or district compare, with data, also, as to the comparative merit of different methods of instruction and the efficiency of the grade or of the individual child in elementary school subjects.

(Elective.) *3 hours a week for one quarter.*

Primary Education.

This course will consist of three lines of inquiry: (a) the physical aspects of reading, including the work of the eye, the frequency and duration of reading pauses, inner speech and its effects upon silent reading habits; (b) the critical examination of primary reading texts, which will involve, (c) the discussion of present day methods and the relation of phonics to thought getting.

The services literature may render in the education of children will constitute the focus of the remainder of this course. Discussion of principles underlying the selection and use of primary literature will lead to consideration of, (a) stories and story telling, and (b) poetry and its place in the primary curriculum.

(Elective.) *3 hours a week for one semester.*

SPECIAL METHODS COURSES.

In connection with their practice teachings, students will be required to attend the conferences and methods classes conducted by the several supervisors.

4 hours a week for one semester.

ENGLISH.

Individual work in English composition, adapted as far as possible to the need of the student whenever notable deficiency is indicated by the entrance examination in English or by the reports of instructors relative to written expression, is required. No credit is given for this work.

Work continued until deficiencies are overcome.

Grammar: This course is required of all students who do not pass a special examination in the subject.

2 hours a week for one semester.

Reading and Expression: Voice training; the technic of reading, oral and silent; public speaking and dramatic expression.

3 hours a week for one semester.

LITERATURE.

I. A study of modern prose literature, with the specific object of promoting mastery of the resources of the language. Material is selected from the greatest prose writers of the period from the Victorian era to the present time.

2½ hours a week for one semester.

II. Modern English poetry, with a brief introductory survey of the great periods of English literature. The emphasis is placed on the poetry of the period from the Victorian era to the present time, and the primary object is the developing of appreciation of the nature and worth of great literature.

(Elective.) 4 hours a week for one semester.

The Short Story: A course combining advanced narrative composition with the study of typical modern short stories.

(Elective.) 2 hours a week for one semester.

(Credit may be for one or for two hours.)

Periodical Literature: A course dealing with current events, with special emphasis upon current developments in sociology, science and art.

(Elective.) 2 hours a week for one semester.

DRAMATIZATION OF HISTORY AND LITERATURE.

A study of the different phases of dramatic instinct as manifested in children's plays and impersonations and in their love of seeing and taking part in dramatic performances. Organization of dramatic work in the elementary school. History, in outline, of the development of drama. Study of constructive drama. Practice in the dramatization and staging of literature and history.

(Elective.) 4 hours a week for one semester.

ARITHMETIC.

(a) Students who do not present high school recommendation in arithmetic, or who fail in the preliminary examination in the subject, will be required to review it until thoroughness and accuracy in the fundamental operations are attained, together with a reasonable understanding of basic principles.

Work continued until the deficiency is removed.

(b) Methods of teaching arithmetic are taught in one of the regular methods classes. (See outline of course of study.)

BIOLOGICAL SCIENCE.

A full year's course in biological science, including physiology, is offered for the junior year. The aim is to help the student to acquire a scientific habit of mind, and thereby to gain a sound basis for intellectual independence; also, to give him an adequate conception of the biological point of view, with some suggestions as to the relation of the principles of biology to the solution of important problems of human welfare. The laboratory work covers the more interesting phases of the subject. It is an important feature of the course, but care is taken that it shall not be unduly emphasized.

5 hours a week for one year.

NOTE.—This course is required of all junior students, but credit for high school work in biology of equivalent character will be given, whenever possible, for about one-half of the course.

SOCIAL ECONOMICS.

This course is intended to supplement the course in home making. It deals with community making and the elements of political economy and sociology. Such topics are investigated and discussed as exchange, finance, movements of population, industrial problems, race influences,

national development, political and social tendencies. An effort is made to treat these and allied topics from a national and international point of view and to induce students to think clearly and make rational generalizations.

2 hours a week for one semester.

CONTEMPORARY HISTORY.

A comprehensive review of European history from the period of the French Revolution, with special reference to the rise of nationalities, the development of constitutional governments, and social and political questions of the day.

2½ hours a week for one semester.

GEOGRAPHY.

Geography I. (Required World Geography.)

This course deals with the principles which determine the products and the manner of living on different parts of the earth's surface, and is largely mathematical, climatological and meteorological.

2 hours of lecture and 2 hours of laboratory a week for one semester.

MUSIC.

This course provides for instruction in the elements of music. It includes the study of terminology, key and measure signatures, major and minor scales, chromatics, triads and their inversions in close and open harmony, intervals, modulation and transcriptions. Ear-training and sight-reading are carried through the course. The rote-song, its purpose and method of presentation, will be considered, and a large number of supplementary graded songs will be learned.

5 hours a week for one semester.

DRAWING.

I. This course includes landscape composition and the perspective incidental to such work.

Original landscape composition in charcoal and color.

Fruit, flower and bird compositions.

Free-hand lettering, using block type and old English type.

5 hours a week for one semester.

HOME MAKING.

This course is planned to give students a general view of the place of the household in society, as a means of liberal culture. It will emphasize the administration of the home, and its sanitary, economic, legal and community problems. A limited amount of laboratory work in the management of the kitchen, including cookery, in house sanitation, household accounts, etc., will be required.

2 hours a week for one semester.

APPLIED SOCIOLOGY.

This course is required of all students, and will be given in the Junior B division. It will include lectures and readings in social usage, and will deal particularly with woman's relation to society.

1 hour a week for one semester.

MANUAL ARTS.

Elementary Manual Training. A course covering the work of the first five grades, including methods for teachers of rural as well as city schools; clay modeling, stenciling, cardboard and paper construction, braiding and knotting, raffia and reed basketry, and weaving of textiles and fabrics. Principles of design and handling of colors. Relation of manual training to the other subjects taught in these grades will be emphasized throughout the course.

4 hours a week for ten weeks.

NATURE STUDY.

The principles underlying the choice of subject-matter and the methods of presenting it to the children. Class demonstrations of illustrative material. Special emphasis upon physical nature study, using as reference the San Diego Normal School bulletin on the subject. The subject-matter dealt with is drawn chiefly from the sciences of physics, astronomy, and chemistry, care being taken to teach students to discriminate in their selection of material from these sources for use in nature study.

4 hours a week for ten weeks.

PHYSICAL EDUCATION.

I and II. Systematic class training is required of all students except seniors. The students are examined by the medical examiner, and can be excused only upon recommendation. A record of the physical condition, measurements, and personal history of each student is kept, which makes possible a wise and safe direction of the activities of the individual.

The regular drill consists of formal exercises in which the corrective and hygienic motives are combined. Apparatus work is so modified as to be only a rational part of the general scheme.

Rhythmic gymnastics, together with folk and dramatic games and dances, are extensively used, while much time is devoted to organized games of skill. An attempt is made to arouse a spirit of genuine enthusiasm for games, both for the benefit of the students themselves and as a preparatory training for the teaching of games. Informal talks on hygiene are given, according to the special needs of the various classes.

Gymnasium suits are uniform in cut and color, hence students are advised not to have suits made before seeing the instructor.

(Required.) *Each, 2 hours a week for one semester.*

III. Sex Anatomy and Hygiene.

(a) A detailed study is made of the anatomy of the human female reproductive organs, which study affords a basis for the consideration of physiological sex phenomena. Much attention is given to the large problems of sex hygiene, both for the benefit of the individual student and to give larger professional power.

(b) Study of "Health Indexes" of Children.

(Required.) *2 hours a week for one semester.*

NOTE.—A separate course is given the men students.

COLLEGE GRADUATE STUDENTS.

Candidates for High School Certificates.

Jameson, Irene Evelyn	San Diego
Moore, Jennie Cloughly	San Diego

SAN DIEGO NORMAL GRADUATE STUDENTS.

Barrington, Evalyn	San Diego
Dibble, Ruth	San Diego
Holland, Alice Ethel	San Diego
McCullom, Mrs. Emma Elizabeth	San Diego
Reed, Mabel Claire	San Diego
Riggle, Lula May	National City
Wilson, Althea	San Diego

GRADUATES FROM JUNE, 1914 TO FEBRUARY, 1915.

Bartron, Ruth Irene	White Cloud, Mich.	McConaughy, Margaret Mary	Long Beach
Cash, Alma	San Diego	McCully, Edna Imogene	Maheer, Colo.
Cole, Violet Mary	Los Angeles	McKnight, Ruby Elizabeth	
Cowan, Mary McReynolds			Roswell, N. Mex.
	Cleveland, Tenn.	Massingill, Bernice L.	San Diego
Crow, Hazel Herrington	Fresno	Moore, Jennie Cloughly	San Diego
Davis, Lillian Waters	Cambridge, Mass.	Naudain, Orma Lyune	
Dibble, Ruth Elizabeth	San Diego		Sioux Falls, S. D.
Farthing, Mrs. Mary Rourke		Nichols, Marie Elizabeth	San Diego
	La Junta, Colo.	Persons, Grace L.	Plum City, Wis.
Fisher, Austina Elizabeth		Pickle, Verna May	San Diego
	National City	Pittenger, Mary Ellena	Lakin, Kan.
Flaherty, Jessie Kathryn	San Diego	Reinke, Amelia B.	San Diego
Fosgate, Laura May	San Diego	Riggle, Lula May	National City
Foster, Evelyn Tilton	Concord, N. H.	Ruggles, Alice Pearl	San Diego
Harnly, Alice Irene	Pasadena	Sawyer, Bertha Melita	El Centro
Hostetter, Ella	Millersburg, Ind.	Sette, Leona Estelle	Chula Vista
Jernigan, Eva Ida	San Diego	Spring, Elizabeth Paton	National City
Lester, Sergia Clair	Norborne, Mo.	Wegelorth, Emma Rebecca	San Diego
*Little, Mrs. Grace	San Diego	West, Marguerite Elizabeth	Santa Ana
		Young, Bernice Mary	Azusa

SENIOR A CLASS, SECOND SEMESTER, 1914-1915.

Austin, Genevieve	Chula Vista	Denniss, Winifried	San Diego
Ball, Elnora Marie	National City	Dewing, Hazel Louise	Santa Barbara
Beswick, Rachel Hart	San Diego	Donohue, Olive	National City
Bihler, Anna	Salt Lake City	Dool, Lucille	Los Angeles
Bihler, Martha	Salt Lake City	Downing, Mrs. Helen Sayre	
Birchley, Nellie Amyes	Oceanside		San Diego
*Brown, Mrs. Daisy	Edwardsville, Ill.	Duncan, Helen	Dixieland
*Brown, Gladys	Chula Vista	Durant, E. Augusta	San Diego
Brown, Hazel Gertrude	San Diego	Durrell, Mary Annette	Azusa
Bryan, Mary Ruth	Bonsall	Edelbrock, Frances	San Diego
Burdette, Mrs. Edna G.	San Diego	Ehlers, Laura Louise	Lakeside
Charlton, Lillian Adelle	National City	Eldred, Lina Mae	San Diego
Coghlan, Bessie Margaret	San Diego	Emery, Muriel	Los Viejas
Craig, Virginia	San Diego	Farley, Eva May	Bostonia
Czarnowski, Lucile Katharine		Farley, Mrs. Mabel Edna	Bostonia
	San Diego	Field, Hannah Lenore	
Dale, Helen	La Jolla		Minneapolis, Minn.
*Daniel, Sadie	Grand Junction, Colo.	Fleming, Florence	San Diego
Dawkins, Mrs. Ida Haagland		*Foster, Nellie	San Diego
	San Diego	Fuller, Dora Brown	San Diego
De Lisle, Mrs. Mary	San Diego	Gardiner, Helen Leota	Pacific Beach

SENIOR A CLASS, SECOND SEMESTER, 1914-1915—Continued.

Gass, Anna Lawson.....Santa Paula
 Harper, Christine Marjorie.....Los Angeles
 *Harris, Corinne.....Julian
 Haskell, Grace Morse.....San Bernardino
 Haskell, Helen Louise.....San Bernardino
 Hatz, Elsie Selina.....Chula Vista
 Henking, Frances Corinne.....San Diego
 Holborn, Lucile Ann.....San Diego
 Hood, Ella H.....Alliance, Neb.
 Hooper, Ruby Jane.....Escondido
 Horton, Bertha Emma.....San Diego
 Hostetter, Ethel.....Millersburg, Ind.
 Hostetter, Kate.....Millersburg, Ind.
 Hugus, Ida.....San Diego
 Humphrey, Edith Pauline.....Escondido
 Imel, Dea La Plume.....Astoria, Oregon
 *Jacobs, Violet.....Ramona
 James, Lorena May.....Saskatchewan, Can.
 Jameson, Irene Evelyn.....San Diego
 Jenkins, Lena Sherman.....San Diego
 Jensen, Aurora R.....San Diego
 Johnson, Ethel Mae.....Ramona
 Johnson, Eula.....National City
 Johnson, Larue Orpha.....Escondido
 Jones, Josephine.....San Diego
 Jordan, Mrs. Mabel Washburn.....San Diego
 *Kelley, Bertha.....San Diego
 Kendrick, Lois Ellen.....Ontario
 Kent, Vivian.....San Diego
 Kinyon, Mildred.....San Diego
 *La Pash, Ethel.....San Diego
 Lovejoy, Ida May.....San Diego
 Loew, Constance E.....Allegan, Mich.
 Lyon, Mrs. Virginia E.....San Diego
 McClure, Granville W.....San Diego
 McIntyre, Fanny Beckham.....San Diego
 McLaury, Emma L.....San Diego
 McLeod, Mrs. Jessie.....San Diego
 Merwin, Gladys Edna.....San Diego
 Michler, Lily.....San Diego
 Miller, Leta Ruth.....San Diego
 Montgomery, Edith Florence.....San Diego
 Moores, Luella.....Imperial
 Müller, Consuelo.....San Diego
 Noble, Gladys Virginia.....San Diego
 Perkins, Alice.....San Diego
 Peters, Annie Maria.....Chelsea, Mass.

*Names marked with star withdrawn before graduation.

SENIOR B CLASS, SECOND SEMESTER, 1914-1915.

Beckstrom, Louise.....San Diego
 Billings, Margaret Ella.....Kensington Park
 Bower, Sidney.....San Diego
 Buckland, Ralph K.....Freemont, O.
 Cannon, Margaret.....National City
 Dana, Ruth Elizabeth.....San Diego
 Faddis, Prudence M.....San Diego
 Georgia, Rose.....San Diego
 Hallenbeck, Margaret Carol.....San Diego
 Hambley, Helen.....San Diego
 Holderness, Helen Josephine.....Nestor

Pile, Bengie Helene.....San Diego
 Powers, Ruth Lina.....San Diego
 Pugh, Louise Katherine.....Los Angeles
 Purrier, Lorita.....San Diego
 Redway Chauncey Hamilton.....Chattanooga, Okla.
 Reid, Lucille Marguerite.....Corning, Ia.
 Reuille, Jennie A.....San Diego
 Rhodes, Pearl Francena.....Colton
 Ridlington, Mrs. Vivian Allert.....Langdon, N. D.
 Riggle, Genevieve Elizabeth.....National City
 Rounds, Frances Eleanor.....San Diego
 Rounds, Mildred.....San Diego
 *Rowland, Effa.....San Diego
 Ruggles, Ova.....San Diego
 Scalf, Anna.....Millersburg, Ind.
 Schmitz, Nicholas.....Belgrade, Minn.
 Sears, Myrtle Elizabeth.....El Cajon
 Shaw, Helen A.....San Diego
 Sheldon, Gladys Clara.....Lordsburg
 Sims, Mrs. Julia E.....San Diego
 Sloan, Gladys Ethel.....San Bernardino
 Smith, Katharine.....San Diego
 Smith, Lois H.....San Diego
 Steiger, Carolyn.....San Luis Rey
 Stoner, Azile May.....Ontario
 Strait, Dexa Carson.....Pacific Grove
 Swanson, Hilma Cecilia.....Millbank, S. D.
 Tammen, Georgine.....San Diego
 Tanzey, Audrey Eleanor.....Middletown, O.
 *Thorpe, Mrs. Katherine.....San Diego
 Toews, Louise G.....Coronado
 Tozer, Agnes Ruphena.....San Diego
 Twombly, Josephine Margaret.....Fullerton
 Upton, Mattie McClaskey.....San Diego
 Van Orshoven, Agnes Josephine.....Otay
 Van Rensselaer, Maria Louise.....Fallbrook
 Wallin, Florence Augusta.....Edmund, Wis.
 Warren, Mildred.....San Diego
 White, Genevieve E.....San Diego
 Wight, Lucille Marcia.....East San Diego
 Wilcox, Ruth Elinwood.....San Diego
 Williams, Helen Claire.....San Bernardino
 Wright, Mabel.....San Diego

Linger, Daisy.....Idaho Falls, Idaho
 Miller, Alva.....Coronado
 Mollison, Marjorie.....San Diego
 Rafuse, Susan Dorothy.....San Diego
 Safranek, Sylvia.....Fort Du Pont, Del.
 Stitt, Mary Margaret.....San Diego
 Taber, Helen.....San Diego
 Townley, Marion Agnes.....San Diego
 Twelker, Esther.....San Diego
 Tyvand, Lizzie.....Barton, N. D.
 Watrous, Dorothy Dart.....San Diego
 Wolfe, Mrs. Nettie Jean.....Orange

JUNIORS.

Adams, Jennie Elizabeth.....East San Diego
 Armstrong, Clara Edith.....San Diego
 Ballantyne, Marion Augusta.....El Cajon
 Barnes, Mary.....San Diego
 Barrett, Lenore.....Pacific Beach
 Bartley, Lillian Elsie.....Escondido
 Beharrell, Marjorie.....San Diego
 Beven, Lily.....Escondido
 Blake, Florence Louise.....San Diego
 Borden, Loid Millicent.....San Bernardino
 Bowles, Helen Edwards.....San Diego
 Brady, Grace.....San Diego
 Braly, Helen.....San Diego
 Brittain, Edith Hirst.....Coronado
 Burr, Mabel.....San Diego
 Bush, May Evelyn.....San Diego
 Butler, Gus.....Ontario
 Caldwell, Edwina.....Los Angeles
 Callaway, Elizabeth.....San Diego
 Carpenter, Isabel.....San Diego
 Carroll, Mayme Lena.....Escondido
 Caughy, Constance.....San Diego
 Charlton, Clara Eugene.....National City
 Churchill, Jeannette.....San Diego
 Cleaveland, Kathleen Douglass.....San Diego
 Close, Frances.....San Diego
 Coffeen, Gretchen.....San Diego
 Coleman, Edith Merle.....San Diego
 Combs, Alma Beulah.....Greeley, Ia.
 Cooper, Frances Lenore.....San Diego
 Deutsch, Minnie.....San Diego
 Einer, Bertha Marian.....San Diego
 Eldred, Ruth Helen.....San Diego
 Farrell, Maizie.....Superior, Wis.
 Fleming, Marjorie.....San Diego
 Fleming, Muriel.....San Diego
 Fritz, Bessie.....San Diego
 Furse, Beryl Marguerite.....San Bernardino
 Gaillard, Gladys B.....Coronado
 Garrigues, Laura.....San Diego
 Gavin, Helen.....La Jolla
 Gekkele, Clarinda Therese.....San Diego
 George, Marjorie Mary.....San Diego
 Getchell, Mrs. Grace McMillan.....San Diego
 Gooch, Gladys Rachael.....San Diego
 Gooch, Julia Irene.....San Diego
 Greenberg, Marietta.....San Diego
 Gregg, Esther Edwina.....San Diego
 Guthrie, Olive Marian.....San Diego
 Hawkins, Ima.....San Diego
 Holmes, Kathryn Sadie.....La Jolla
 Hubbard, Roberta.....San Diego
 Hubbert, Babson.....San Luis Rey
 Huchting, Marie.....Encinitas
 Hugus, Evelyn Elizabeth.....San Diego
 James, Kathryn Evangeline.....San Diego
 Johnson, Dorothy.....Riverside

Johnson, Julia E.....San Diego
 Kelly, Dorothy.....Kensington Park
 Kissinger, Lucile.....San Diego
 Klein, Paul Eugene.....San Diego
 Lindberg, Rachel Kezia.....San Diego
 Lowe, Marjorie.....Allegan, Mich.
 Lyall, Myrtle.....Imperial
 Lyons, Muriel Ward.....Calxico
 McCreery, Kathryn.....Coronado
 McFadden, Mary.....Tucson, Ariz.
 Marcum, Marguerite.....San Diego
 Miller, Bessie Eudella.....San Diego
 Mohnike, Ruth Marie.....Miramar
 Moores, Wilma Fannie.....Seeley
 Morrison, Vesta.....San Diego
 Muller, Natalie.....San Diego
 Munger, Edith.....El Toro
 Munger, Esther.....El Toro
 Murphy, Jessie Carol.....San Diego
 Oehl, Freda.....San Bernardino
 Olsen, Ida.....Brooklyn, N. Y.
 Ostrom, Goldye Roselin.....Marysville
 Peck, Bertha Josephine.....Imperial
 Penny, Gladys.....Escondido
 Peterson, Eleanor E.....San Diego
 Pfeffer, August John.....San Diego
 Rapson, Violante.....San Diego
 Reed, Helen Elizabeth.....San Diego
 Rodig, Elsie Carrie.....El Cajon
 Safranek, Mildred Eleanor.....Fort Du Pont, Del.
 Sandefur, Irma Myrtle.....San Bernardino
 Schunemann, Nellie.....Escondido
 Sieck, Barbara Margarite.....Upland
 Skinner, Naomi.....San Diego
 Smith, Freda Wintin.....San Diego
 Smith, Irene Juanita.....Sacorro, N. Mex.
 Smith, Margie Esther.....San Diego
 Snow, Lotta.....San Diego
 Spare, Elizabeth.....San Diego
 Staley, Juanita Vernon.....San Diego
 Stead, Myrtle Selina.....Jamacha
 Swallow, Coy.....San Diego
 Taylor, Miriam.....San Diego
 Thayer, Lucile.....San Diego
 Trotter, Lucy.....Dublin, Ireland
 Troutman, Joy.....Escondido
 Troutman, Esther.....Escondido
 Turner, Ruth Franklin.....San Diego
 Vasey, Annie W.....San Diego
 Vincent, Florence Eula.....San Diego
 Walker, Anna Belle.....Cripple Creek, Colo.
 Walsh, Ruth.....San Diego
 Wetmore, Mary.....San Diego
 White, Annie Corona.....San Diego
 Williams, Ethel.....Coalinga
 Wilson, Laura Lee.....San Diego
 Wilson, Lucy Elizabeth.....San Diego
 Woods, Allie Bess.....Tucson, Ariz.
 Work, Agnes.....San Diego

SPECIAL STUDENTS.

Allert, Daisy Irene	Langden, N. D.	Lytton, Ideana	Elko, Nevada
Bennett, Lillian	San Diego	Miller, Mrs. Lucile	San Diego
Bennett, Rose M.	San Diego	Neff, Marguerite	Oklahoma
Benzer, Mabel	San Diego	Newton, Lilla	San Diego
Cooper, Mrs. F. D.	San Diego	Ostrom, Frances	Marysville
Curl, Faith	Nestor	Parsons, W. H.	Clifton, Kan.
Fox, Alice Bidwell	San Diego	Pease, Edna	Madison, Wis.
George, Bertha	San Diego	Perry, Mrs. J. S.	San Diego
Green, Mrs. Mary	San Diego	Pope, Mrs. Mary	San Diego
Hadley, Edith M.	National City	Powell, Nellie J.	Dixon, Ill.
Hardin, Mrs. Myrtie	San Diego	Scott, Mrs. Edith Mills	San Diego
Hays, Lillian	San Diego	Smedley, Myrtle	San Diego
Johnson, Priscilla	San Diego	Titus, Lela	San Diego
Kobler, Marjorie	San Diego	Treadwell, Mrs. Grace	Rockford, Ill.
Kroehnke, Adalia L.	San Diego	Wilson, Anna	San Diego

SUMMARY.

College graduates	2
Normal graduates	7
Graduates from June, 1914, to February, 1915	36
Senior A students	128
Senior B students	23
Junior students	117
Specials	30
Total	343
Counted twice	4
Total enrollment	339