CALENDAR 1915-1916.

September 1 to 6 - Registration days
September 7 - Normal school class work begins
September 8 - Training school class work begins
November 12 - End of first quarter
November 26 to 29 - Thanksgiving recess
December 18 - Christmas recess begins
January 2 - Christmas recess ends
February 3 - End of second quarter
February 4 to 5 - Mid-year registration
February 7 - Mid-year class work begins
April 14 - End of third quarter
April 15 to 24 - Spring recess
April 24 - Last quarter begins
May 1 - Dedication Day
June 21 - Normal school class work ends
June 22 - Training school class work ends
June 23 - Commencement

PROGRAM OF CONFERENCE WEEK.

Registration is completed in the period, September 1st to 6th.
September 7th is set aside as conference day. The first assembly of
the year will be held on this day, and all students are required to report
at 10:00 a.m., whether assigned to conferences or not.

BOARD OF TRUSTEES.

HIS EXCELLENCY HIRAM W. JOHNSON - Governor
Ex officio.
HON. EDWARD HYATT - Superintendent of Public Instruction
Ex officio.
ISIDORE B. DOCKWEILER - Los Angeles
HON. M. L. WARD - San Diego
WILLIAM T. RANDALL - Brawley
REV. WILLARD B. THORP - San Diego
ERNEST E. WHITE - San Diego

OFFICERS OF THE BOARD.

HON. M. L. WARD - President
GLADYS F. KELLY - Assistant Secretary

EXECUTIVE COMMITTEE.

HON. M. L. WARD, ERNEST E. WHITE,
REV. WILLARD B. THORP.
OFFICERS OF ADMINISTRATION.

NORMAL SCHOOL.

EDWARD L. HARDY - President
W. F. BLISS - Vice President
MRS. ADA HUGHES COLDWELL - Dean of Women
FLORENCE BRYANT - Registrar
MRS. CHARLOTTE G. ROBINSON - Librarian
DR. CHARLOTTE J. BAKER - Medical Examiner
GLADYS F. KELLY - Office Secretary
MRS. AGNES BRUNDIN - Faculty Secretary

TRAINING SCHOOL.

GERTRUDE LONGENECKER - Director
GERTRUDE LAWS - Principal
MIRIAM E. BESLEY - Supervisor of Outside Student Teaching
CAROLINE I. TOWNSEND - Supervisor of Primary Teaching
PAULINE T. BLACK - Class Supervisor
ALICE GREER - Class Supervisor
EDITH HAMMACK - Class Supervisor
EDITH H. RINGER - Class Supervisor
NELLIE J. SEBREE - Class Supervisor
W. D. SWANSON - Class Supervisor
HELEN M. DALE - Librarian

legrounds and Buildings.

FRED W. VAN HORNE - Head Janitor
ERNST WIEDEHOF - Assistant Janitor
GEORGE AVERBEE - Assistant Janitor
A. E. DAVIE - Engineer
J. M. TURNER - Assistant Engineer
MARTIN ROTH - Head Gardener
OTTO YOUNG - Assistant Gardener
J. G. CROW - Watchman

SAN DIEGO STATE NORMAL SCHOOL

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., 1899-1906; Teaching Fellow, University of California, 1908-1909. (Appointed September 1, 1906.)

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 Kirkville, 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, Waukoshan, Ill.; study of English and European elementary schools, 1901-1902; 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; "Oils Skinners" Dramatic Company; Instructor Cammack 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, III., High School, 1912-1914. (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, Calif., 1908-1904. (appointed July, 1905.)

GERTRUDE LAWS - - - - - - Principal Intermediate School
Graduate State Normal School, San Diego; departmental teacher, City schools of San Diego. (appointed September 1, 1912.)

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, 1911.)

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, 1902.)

JESSIE RAND TANNER - - - - - - Head Department of Physical Education
Graduate Boston Normal School of Gymnastics; B.S., Columbia University; Bacheelor's Teaching Diploma, Teachers' College, Columbia University; Tutor, Brookline, Mass., 1901-1902. (appointed July, 1904.)

CAROLINE T. 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, 1911.)

MRS. A. M. VALENTIEN - - - - - - Elementary Manual Training and Arts and Crafts.
School of Design, University of Cincinnati; Art Academy of Cincinnati; Academie Colosseum, Paris; Under Injaibert 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, 1912.)


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.

**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 4 years or more... 4 teachings or 14 units
- For 2 years... 3 teachings or 10½ 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.

* * *

**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.

* * *

**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.

* * * *

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**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Music I</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>*Drawing I</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>*Science I</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>*Geography I</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Applied Sociology</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

25 19
### FIRST YEAR, JUNIOR A SUBJECTS.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teachings I and II</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Conference (Methods)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Methods</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Science I</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Elementary Manual Training and Nature Study (each one-quarter)</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>*Grammar</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>*Reading and Expression</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

### SECOND YEAR, SENIOR B SUBJECTS.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teachings III and IV</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Conference (Methods)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Methods</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Home Economics</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Literature I, Modern Prose</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Contemporary History</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Education IV (Special Methods)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>20</strong></td>
</tr>
</tbody>
</table>

### SECOND YEAR, SENIOR A SUBJECTS.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching: Chiefly in city or rural schools, one-half day for one-quarter</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Education V and Hygiene—each one-quarter</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Education II (Psychology)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature II, or Elective</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Social Economics</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>20</strong></td>
</tr>
</tbody>
</table>

*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 satisfied, 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.

**Notes:** Recommendation for departmental teaching must not be construed as recommendation for special certification.

### ELECTIVES.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature II</td>
<td>4</td>
</tr>
<tr>
<td>Periodical Literature</td>
<td>2</td>
</tr>
<tr>
<td>The Short Story</td>
<td>2</td>
</tr>
<tr>
<td>Spanish</td>
<td>5</td>
</tr>
<tr>
<td>Dramatization of History and Literature</td>
<td>3</td>
</tr>
<tr>
<td>Education III</td>
<td>3</td>
</tr>
<tr>
<td>Primary Education</td>
<td>3</td>
</tr>
<tr>
<td>Vocational Education</td>
<td>3</td>
</tr>
<tr>
<td>Standards in Education</td>
<td>3</td>
</tr>
<tr>
<td>Library Methods</td>
<td>3</td>
</tr>
<tr>
<td>Rural School Problems</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
<td>4</td>
</tr>
<tr>
<td>Geography III</td>
<td>4</td>
</tr>
<tr>
<td>Typewriting</td>
<td>5</td>
</tr>
<tr>
<td>Domestic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Food and Dietaries</td>
<td>4</td>
</tr>
<tr>
<td>Institutional Cookery</td>
<td>5</td>
</tr>
<tr>
<td>Sewing</td>
<td>4</td>
</tr>
<tr>
<td>Woodwork, I, II, each</td>
<td>5</td>
</tr>
<tr>
<td>Woodwork III</td>
<td>10</td>
</tr>
<tr>
<td>Mechanical Drawing</td>
<td>5</td>
</tr>
<tr>
<td>Arts and Crafts I</td>
<td>5</td>
</tr>
<tr>
<td>Arts and Crafts II</td>
<td>5</td>
</tr>
<tr>
<td>Farm Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>Agriculture, I and II, each</td>
<td>4</td>
</tr>
<tr>
<td>Geography, I and II</td>
<td>2</td>
</tr>
<tr>
<td>Elementary Gymnastics</td>
<td>5</td>
</tr>
<tr>
<td>Bookkeeping</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 Higgs tests for attainment in English composition, the Bryan and Harter tests for determining the best methods for memory drill, and the Courits 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. 

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.

2 1/2 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, rafia 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, but 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.

Jameson, Irene Evelyn .................................................... San Diego
Moore, Jennie Cloothy .................................................... San Diego

SAN DIEGO NORMAL GRADUATE STUDENTS.

Barrington, Evlyn .......................................................... San Diego
Dibble, Ruth ................................................................. San Diego
Holland, Alice Ethel ....................................................... San Diego
McCollum, 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.

Bartton, Ruth Irene ......................................................... White Cloud, Mich.
Cash, Alma ................................................................. San Diego
Cole, Violet Mary .......................................................... Los Angeles
Cowan, Mary Reynolds .................................................... Cleveland, Tenn.
Crow, Hazel Harrington ..................................................... Fresno
Davis, Lilian Water ......................................................... Cambridge, Mass.
Dibble, Ruth Elizabeth .................................................... San Diego
Farthing, Mrs. Mary Rourke .............................................. La Junta, Colo.
Fisher, Antonia Elizabeth .............................................. National City
Flaherty, Jessie Kathryn ...................................................... San Diego
Fongate, Laura May ......................................................... San Diego
Foster, Evelyn Ethel ......................................................... Concord, N. H.
Hartly, Alice Irene .......................................................... Pasadena
Huston, Ella ................................................................. Millburnburg, Ind.
Jernigan, Eva Ida ............................................................ San Diego
Leister, Soraya Clara ........................................................ Norborne, Mo.
*Little, Mrs. Grace .......................................................... San Diego
McComby, Margaret Mary ................................................. Long Beach
McCutcheon, Imogene ...................................................... Maker, Colo.
McKnight, Ruby Elizabeth ................................................ Boswell, N. Mex.
Massingill, Bernice L ......................................................... San Diego
Moore, Jennie Cloothy ..................................................... San Diego
Nandaini, Orma Line .......................................................... S. D.
Nichols, Marie Elizabeth ................................................... San Diego
Persons, Grace L .......................................................... Plum City, Wis.
Peck, Vernus May ........................................................... San Diego
Pettenger, Mary Edna ......................................................... Leomin, Kan.
Renke, Amelia B ............................................................. San Diego
Rippe, Lula May .............................................................. National City
Riggle, Lula May .............................................................. National City
Ruggles, Alice Pearl ........................................................ San Diego
Sawyer, Bertha Molla ......................................................... El Centro
Sette, Loeva Estelle ......................................................... Chula Vista
Spring, Elizabeth Paton ..................................................... National City
Wageforth, Emma Rebecca ................................................ San Diego
West, Margaret Elizabeth ................................................. Santa Ana
Young, Bertha Mary .......................................................... Arona

SENIOR A CLASS, SECOND SEMESTER, 1914-1915.

Austin, Genevieve ......................................................... Chula Vista
Ball, Ethna Marie ............................................................ National City
Boswick, Rachel H ........................................................... Santa Barbara
Bledsoe, Aline ............................................................... Salt Lake City
Bledsoe, Martha ............................................................. Salt Lake City
Birchley, Nellie May ......................................................... Oceanside
*Brown, Mrs. Daisy ......................................................... Edwardsville, Ill.
*Brown, Gladys ............................................................ Chula Vista
Brown, Hazel Gertrude ....................................................... San Diego
Bryan, Mary Ruth ............................................................ Bensenville
Buckley, Mrs. Edna G ....................................................... San Diego
Carlton, Lillian Adelie ..................................................... National City
Coghill, Besse Margaret .................................................. San Diego
Cranz, Virginia .............................................................. San Diego
Czarnowski, Lucie Katharine .......................................... San Diego
Dale, Helen ................................................................. La Jolla
*Daniel, Sadie ........................................................... Grand Junction, Colo.
Dawkins, Mrs. Ida Haagland .......................................... San Diego
De Lisle, Mrs. Mary ........................................................ San Diego
Dennis, Winifred ........................................................... San Diego
Dewing, Hazel Louise ..................................................... National City
Donohue, Olive .............................................................. Los Angeles
Dool, Lucille ................................................................. Los Angeles
Downing, Mrs. Helen Sayre .............................................. San Diego
Duncan, Helen ............................................................... San Diego
Durant, E. August ........................................................... San Diego
Durrell, Mary Annette .................................................... Arcadia
Eldred, Edith Frances ....................................................... San Diego
Elliott, Laura Louise ........................................................ Lakeside
Eldred, Lina Mae ............................................................ San Diego
Emery, Muriel ............................................................... Los Angeles
Fairfax, Eva May ............................................................ Bostonia
Farley, Mrs. Edna Edna ...................................................... Bostonia
Fidler, Hannah Lenore ..................................................... Minneapolis, Minn.
Fleming, Florence .......................................................... Pacific Beach
*Foster, Nellie .............................................................. San Diego
Fowler, Dora Brown ........................................................ San Diego
Gardiner, Helen Leota ..................................................... Pacific Beach
SPECIAL STUDENTS.

Allert, Daisy Irene ... Langden, N. D...
Bennett, Lillian ....... San Diego
Bennett, Rose M. ....... San Diego
Benner, Mildred ....... San Diego
Cooper, Mrs. P. D. ....... San Diego
Curf, Faith ....... Nestor
Fox, Alice Bidwell ....... San Diego
Green, Bertha ....... San Diego
Halden, Edith M. ....... National City
Hardin, Mrs. Myrtle ....... San Diego
Hayes, Lillian ....... San Diego
Johnson, Francilla ....... San Diego
Kohler, Marjorie ....... San Diego
Krohickko, Adalia L. ....... San Diego

Lyttle, Ideana ....... Elko, Nevada
Miller, Mrs. Lucile ....... San Diego
Neff, Marquise ....... Oklahoma
Newton, Lilla ....... San Diego
Ostrow, Frances ....... Marysville
Parsons, W. B. ....... Clinton, Kan.
Pease, Edna ....... Madison, Wis.
Perry, Mrs. J. S. ....... San Diego
Pope, Mrs. Mary ....... San Diego
Powell, Nellie J. ....... Dixon, Ill.
Scott, Mrs. Edith Mills ....... San Diego
Snedley, Myrtle ....... San Diego
Titus, Lelia ....... San Diego
Treadwell, Mrs. Grace ....... Rockford, Ill.
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