

# THE MICHIGAN STATE NORMAL COLLEGE

## YEAR BOOK



1908-1909

# YEAR BOOK

OF THE

# Michigan State Normal College

FOR

1908-1909

---

INCLUDING

ANNOUNCEMENTS FOR 1909 - 1910

AND

REGISTER OF STUDENTS

1908-9

# Michigan State Normal College

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L. H. JONES, A.M., President

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## STATE BOARD OF EDUCATION

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Regular meeting of the Board fourth Friday of each  
month.

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# SCHOOL CALENDAR FOR 1909-10

Holidays are printed in full-faced type.

	June, 1909	November, 1909	April, 1910
Sun.	6 13 20 27	7 14 21 28	3 10 17 24 24
Mon.	7 14 21 28	1 8 15 22 29	4 11 18 25
Tues.	1 8 15 22 29	2 9 16 23 30	5 12 19 26
Wed.	2 9 16 23 30	3 10 17 24	6 13 20 27
Thur.	3 10 17 24	4 11 18 25	7 14 21 28
Fri.	4 11 18 25	5 12 19 26	1 8 15 22 29
Sat.	5 12 19 26	6 13 20 27	2 9 16 23 30
	July, 1909	December, 1909	May, 1910
Sun.	4 11 18 25	5 12 19 26	1 8 15 22 29
Mon.	5 12 19 26	6 13 20 27	2 9 16 23 30
Tues.	6 13 20 27	7 14 21 28	3 10 17 24 31
Wed.	7 14 21 28	1 8 15 22 29	4 11 18 25
Thur.	1 8 15 22 29	2 9 16 23 30	5 12 19 26
Fri.	2 9 16 23 30	3 10 17 24 31	6 13 20 27
Sat.	3 10 17 24 31	4 11 18 25	7 14 21 28
	August, 1909	January, 1910	June, 1910
Sun.	1 8 15 22 29	2 9 16 23 30	5 12 19 26
Mon.	2 9 16 23 30	3 10 17 24 31	6 13 20 27
Tues.	3 10 17 24 31	4 11 18 25	7 14 21 28
Wed.	4 11 18 25	5 12 19 26	1 8 15 22 29
Thur.	5 12 19 26	6 13 20 27	2 9 16 23 30
Fri.	6 13 20 27	7 14 21 28	3 10 17 24
Sat.	7 14 21 28	1 8 15 22 29	4 11 18 25
	September, 1909	February, 1910	July, 1910
Sun.	5 12 19 26	6 13 20 27	3 10 17 24 31
Mon.	6 13 20 27	7 14 21 28	4 11 18 25
Tues.	7 14 21 28	1 8 15 22	5 12 19 26
Wed.	1 8 15 22 29	2 9 16 23	6 13 20 27
Thur.	2 9 16 23 30	3 10 17 24	7 14 21 28
Fri.	3 10 17 24	4 11 18 25	1 8 15 22 29
Sat.	4 11 18 25	5 12 19 26	2 9 16 23 30
	October, 1909	March, 1910	August, 1910
Sun.	3 10 17 24 31	6 13 20 27	7 14 21 28
Mon.	4 11 18 25	7 14 21 28	1 8 15 22 29
Tues.	5 12 19 26	1 8 15 22 29	2 9 16 23 30
Wed.	6 13 20 27	2 9 16 23 30	3 10 17 24 31
Thur.	7 14 21 28	3 10 17 24 31	4 11 18 25
Fri.	1 8 15 22 29	4 12 18 25	5 12 19 26
Sat.	2 9 16 23 30	5 12 19 26	6 13 20 27



1910.

Tuesday, January 4 .....	{ Entrance Examinations Winter Quarter Begins
Tuesday, February 22 .....	Washington's Birthday
Friday, March 25 .....	Winter Quarter Closes
Tuesday, April 5 .....	{ Entrance Examinations Spring Quarter Begins
Monday, May 30 .....	Memorial Day
Sunday, June 19 .....	Baccalaureate Address
Monday, June 20 .....	Junior Class Day
Tuesday, June 21 .....	Conservatory Commencement
Tuesday, June 21 .....	{ President's Reception Senior Class-Day, Alumni Reunion
Wednesday, June 22 .....	COMMENCEMENT



# FACULTY

OF THE

## MICHIGAN STATE NORMAL COLLEGE

L. H. JONES, A.M., PRESIDENT. 730 Forest Ave.

### HEADS OF DEPARTMENTS\*

FREDERICK H. PEASE.....	43 Summit St.
Director of Conservatory of Music.	
JULIA ANNE KING, A.M., M.Pd.....	611 Pearl St.
Professor of History and Civics.	
EDWIN A. STRONG, A.M.....	127 Normal St.
Professor of Physical Sciences.	
FLORUS A. BARBOUR, A.M.....	408 Forest Ave.
Professor of English.	
BENJAMIN L. D'OOGHE, A.M., PH.D.....	420 Forest Ave.
Professor of Latin and Greek.	
WILLIAM H. SHERZER, M.S., PH.D.....	9 N. Summit St.
Professor of Natural Sciences.	
CHARLES O. HOYT, PH.D.....	417 Forest Ave.
Professor of the Science and History of Education.	
ELMER A. LYMAN, A.B.....	126 N. Washington
Professor of Mathematics.	
SAMUEL B. LAIRD, A.M.....	318 Forest Ave.
Professor of Psychology.	
DIMON H. ROBERTS, A.M.....	307 Congress St.
Superintendent of Training School.	
MARK JEFFERSON, A.M.....	205 Normal St.
Professor of Geography.	
RICHARD CLYDE FORD, PH.D.....	505 Chicago Ave.
Professor of French and German.	
J. STUART LATHERS, B.L.....	416 Olive St.
Professor of Reading and Oratory.	
WILBUR P. BOWEN, M.S., B.Pd.....	129 College Place
Professor of Physical Education.	
NATHAN A. HARVEY, PH.D.....	223 Summit St.
Professor of Pedagogy and Institute Conductor.	

\*The names of the faculty are arranged under the several subdivisions in order of the seniority of service.

†Absent on leave.

## ASSOCIATE PROFESSORS

- JOHN C. STONE, A.M. . . . . 423 Forest Ave.  
Associate Professor of Mathematics.
- FREDERICK R. GORTON, PH.D. . . . . 512 Forest Ave.  
Associate Professor of Physics.
- HORACE Z. WILBER, A.B. . . . . 40 S. Summit St.  
Associate Professor of School Administration.

## ASSISTANT PROFESSORS

- B. W. PEET, M.S. . . . . 128 Normal St.  
Assistant Professor of Chemistry.
- ABIGAIL PEARCE, PH.B., B.PD. . . . . 410 Emmet St.  
Assistant Professor of English.
- S. D. MAGERS, M.S. . . . . 914 Congress St.  
Assistant Professor of Physiology.
- MARY B. PUTNAM, PH.B., M.PD. . . . . 314 Forest Ave.  
Assistant Professor of History.
- FANNIE CHEEVER BURTON, M.PD. . . . . 517 N. Adams St.  
Assistant Professor of Physical Education.
- HENRY C. LOIT, A.M., M.PD. . . . . 411 Forest Ave.  
Assistant Professor of Psychology.

## INSTRUCTORS AND ASSISTANTS

- HELEN B. MUIR . . . . . 617 Cross St.  
Instructor in Latin and Greek.
- ADA A. NORTON, PH.M. . . . . 510 Pearl St.  
Instructor in Mathematics.
- FLORENCE SHULTES, B.PD. . . . . 210 Washington St.  
Instructor in History.
- CLYDE E. FOSTER . . . . . 418 Florence St.  
Instructor in Music.
- ESTELLE DOWNING, A.B. . . . . 16 N. Summit St.  
Instructor in English.
- JESSE PHELPS, M.S. . . . . 16 N. Summit St.  
Instructor in Natural Sciences.
- BERTHA G. BUELL, B.L. . . . . 16 N. Summit St.  
Instructor in History.
- MINOR E. WHITE . . . . . 611 Emmet St.  
Instructor in Music.
- MARY A. GODDARD, B.S. . . . . 516 N. Adams St.  
Instructor in Natural Sciences.
- BERTHA GOODISON . . . . . 317 S. Huron St.  
Instructor in Drawing.

ALMA BLOUNT, PH.D.	410 Forest Ave.
Instructor in English.	
ANNIE H. OLMSTED	113 Normal St.
Instructor in Drawing.	
LOTA H. GARNER	130 S. Summit St.
Instructor in Drawing.	
IDA B. FLEISCHER, PH.D.	810 Congress St.
Instructor in German.	
MARY JOY LOMBARD, B.L.	324 Forest Ave.
Instructor in French and German.	
ORLAND O. NORRIS, B.Pd., A.B.	301 Cross St.
Instructor in Latin.	
EMELYN E. GARDNER, A.B.	209 Normal St.
Instructor in English.	
SERENO B. CLARK, PH.D.	413 Emmet St.
Acting Instructor in Latin and Greek.	
INEZ M. CLARK	501 N. Adams St.
Assistant in Gymnasium.	
RUTH PUTNAM	314 Forest Ave
Assistant in Music.	
CLEMENS P. STEIMLE, A.B.	201 Washington St.
Assistant in Mathematics.	
LILLIAN OLIFF	422 Pearl St.
Assistant in Reading and Oratory.	
IRENE O. CLARK	610 Adams St.
Assistant in Physical Education	
JENNIE L. MATTESON, B.Pd., A.B.	316 Congress St.
Assistant in Mathematics.	
HENRY F. SCHULTE, A.B.	105 Hamilton St.
Assistant in Physical Education.	
VIVIAN GILPIN	710 Emmet St.
Assistant in Music.	
H. ETHEL CHILDS	East Forest Ave.
Assistant in Drawing	
A. E. PARKINS	105 Normal St.
Assistant in Geography.	
W. H. PEARCE, A.B.,	
Assistant in Mathematics.	
RUTH BAUSHKE	130 College Place
Assistant in Physical Education.	
FREDERICK B. MCKAY, A.B.	602 Ingalls St., Ann Arbor
Assistant in Reading (Fall Quarter).	
IDA G. HINTZ	19 Hamilton St.
Assistant in Reading (Winter Quarter).	

KATE VANCLEVE.....	411	Huron St.
Acting Assistant in Drawing (Winter Quarter).		
CLARKE E. DAVIS.....	110	Perrin St.
Assistant in Physical Science Laboratory.		
MAURICE LATHERS.....	416	Olive St.
Assistant in Physical Science Laboratory.		
LULU M. NEWLON.....	516	Adams St.
Assistant in Natural Science Laboratory.		
HENRY W. BAKER.....	123	College Pl.
Assistant in Natural Science Laboratory.		
JOY WIGLE.....	430	Adams St.
Assistant in Natural Science Laboratory.		
MILTON HOVER.....	411	Adams St.
Assistant in Natural Science Laboratory.		
C. S. HICKS.....	207	Hamilton St.
Assistant in Physical Education.		
HARMON LEROY STEVENS.....	207	Hamilton St.
Assistant in Physical Education.		
EDNA FLARIDA,		
Assistant in Drawing (Spring Quarter).		
NINA M. GAGE,		
Assistant in Natural Science (Spring Quarter).		

### FACULTY OF THE TRAINING SCHOOL

DIMON H. ROBERTS, A.M., Superintendent.

MARGARET E. WISE, M.Pd.....	18	Adams St.
Training Teacher, First Grade.		
ADELLA JACKSON, B.Pd.....	616	Pearl St.
Training Teacher, Second Grade.		
ABIGAIL ROE, M.Pd.....	220	Huron St.
Training Teacher, Sixth Grade.		
CLYDE E. FOSTER.....	418	Florence St.
Supervisor of Music.		
BERTHA GOODISON.....	317	S. Huron St.
Supervisor of Drawing.		
ALICE I. BOARDMAN.....	521	Congress St.
Supervisor of Manual Training.		
ELLA M. WILSON, B.Pd.....	1	Summit St.
Training Teacher, Fifth Grade.		
†EDNA T. COOK, B.S.,		
Training Teacher, Eighth Grade.		
HELENE KNEIP.....	213	Michigan St.
Assistant Kindergartner.		

†Absent on leave.

GRACE FULLER.....	318 Ellis St.
Supervisor of Domestic Science and Art.	
EDITH ADAMS.....	216 Hamilton St.
Assistant Kindergartner.	
ESTELLA BAKER.....	111 Normal St.
Assistant in Manual Training.	
MARGARET I. MILLER, PH.B.....	216 Hamilton St.
Training Teacher, Fourth Grade.	
EDITH D. DIXON.....	318 Ellis St.
Assistant Kindergartner.	
WILMA STEVENSON.....	318 Ellis St.
Assistant in Domestic Art.	
F. O. ELDRED, A.B.....	208 Normal St.
Principal of High School Department.	
FLORENCE GILLILAND, B.S.....	128 Normal St.
Training Teacher, Third Grade.	
HOPE BARR PEET, A.B.....	128 Normal St.
Acting Training Teacher, Eighth Grade.	
PEARL CLARK, PH.B.....	216 Hamilton St.
Training Teacher, Seventh Grade.	
SUSAN L. BYRNE.....	505 Ellis St.
Acting Assistant in Manual Training.	
MYRTIS M. GALLUP.....	316 Congress St.
Assistant in High School Department.	
CATHERINE CAVANAUGH.....	606 Ellis St.
Assistant Training Teacher, Eighth Grade.	

#### LIBRARY STAFF

GENEVIEVE M. WALTON, Head Librarian, 404 Huron St.

Alice Barnes.....	220 Huron St.
Librarian in charge of Accessions.	
Elsie V. Andrews.....	117 Huron St.
Librarian in charge of Periodicals and Binding.	
Elizabeth F. Simpson.....	432 Huron St.
Librarian in charge of Circulation.	
Ralph M. Sprague.....	730 Forest Ave.
Assistant.	

# ADMINISTRATIVE ORGANIZATION OF THE STATE NORMAL COLLEGE.

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## THE COUNCIL

L. H. JONES, A.M., President

Frederick H. Pease.  
Julia Anne King, A.M., M.Pd.  
Edwin A. Strong, A.M.  
Florus A. Barbour, A.M.  
Benjamin L. D'Ooge, A.M., Ph.D.  
William H. Sherzer, M.S., Ph.D.  
Charles O. Hoyt, Ph.D.  
Elmer A. Lyman, A.B.  
Samuel B. Laird, A.M.  
Dimon H. Roberts, A.M.  
Mark Jefferson, A.M.  
Fannie Cheever Burton, M.Pd.  
Richard Clyde Ford, Ph.D.  
J. Stuart Lathers, B.L.  
Wilbur P. Bowen, M.S., B.Pd.  
Nathan A. Harvey, Ph.D.  
John C. Stone, A.M.  
Frederick R. Gorton, Ph.D.  
B. W. Peet, M.S.  
Abigail Pearce, Ph.B., B.Pd.  
S. D. Magers, M.S.  
Mary B. Putnam, Ph.B., M.Pd.  
Henry C. Lott, A.M., M.Pd.  
Bertha Goodison.  
H. Z. Wilber, A.B.

## Standing Committees

- The President is ex-officio a member of each committee.
- Lectures and Entertainments—Lathers, Pease, Ford, Harvey.  
Library—Hoyt, King, Lott.  
Advanced Standing—Laird, Jefferson, Strong.  
Athletics—Barbour, Roberts, Gorton, Peet, Magers.  
Year Book—D'Ooge, Lathers, Harvey.  
Student Affairs—King, Burton, Pearce, Putnam, Bowen.  
Normal News—Lyman, Ford, D'Ooge, Harvey, Wilber.  
Extra Studies—Jefferson, Strong, Laird.  
Teachers' Bureau—Roberts, Sherzer, Hoyt.

## Office

- Clemens P. Steinle, A.B., Secretary-Registrar, 201 N. Washington St.
- Agnes Morse, Stenographer.....208 East Cross St.  
Mabel S. Zach, Stenographer.....309 Cross St.  
Ethel E. Taylor, Stenographer.....117 Perrin St.  
Mildred I. Rundel, Stenographer.....514 Ellis St.

# The Michigan State Normal College

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## LOCATION

The Normal College is located at Ypsilanti, Washtenaw County. Ypsilanti is on the main line of the Michigan Central Railroad, over which it is readily accessible from all points on the various divisions of the Michigan Central system. The Ypsilanti branch of the Lake Shore & Michigan Southern gives a means of approach from the south and west. The D. J. & C. electric line passes through the College campus, giving communication every half hour with Detroit, Ann Arbor, Jackson and intermediate points. The same electric line makes connection with the Ann Arbor Railroad at Ann Arbor, and with the Pere Marquette system at Wayne, and at Detroit and Jackson with the various roads entering those cities.

## PURPOSE

“The purpose of the Normal School shall be the instruction of persons in the art of teaching, and in all the various branches pertaining to the public schools of the State of Michigan.” This statement, taken from the Act of 1889 revising and compiling the school laws, clearly indicates the guiding principle in all that relates to the College. It is with this purpose in view that selection of teachers is made, that courses of study are arranged, libraries and laboratories equipped, and a Training School of ten grades and kindergarten is conducted. The law quoted above also provides that, before being admitted, all applicants shall sign a declaration of intention to teach in the schools of the state. The institution stands for three essentials in the preparation of the teacher: (1) a high grade of scholarship; (2) the study of education as a science; (3) practice in teaching under expert supervision and criticism.



## HISTORY

The Michigan State Normal School was the sixth state normal school in the United States, and the first west of the Allegheny Mountains. The law establishing it was enacted in 1849, and its first class was graduated in 1854. The average enrollment down to 1860 was 297; from 1860 to 1870, 347; from 1870 to 1880, 346; from 1880 to 1890, 537; and from 1890 to 1900, 975. The enrollment for the present year up to April 1 is 2,532. Besides this rapid increase in numbers, there has been, during the last few years, a considerable increase in the number of students remaining through the year. Another notable gain has been in the better preparation of students. Since 1890 the number of preparatory students has steadily fallen, while the number of graduates of approved high schools has steadily risen. There has been more than a proportionate growth in the number of teachers, the original number of five having increased to twelve in 1880, and the faculty now reaching a total of 80. The school for a number of years has been doing work of collegiate grade, and the legislature of 1897, in recognition of this fact, authorized the State Board of Education to designate the school, in the courses leading to life certificates and degrees, by the name of Michigan State Normal College. Under the action of the legislature of 1903, the State Board of Education has organized courses leading to the degree of Bachelor of Arts in Education.

## GROUNDS

The original site chosen for the School contained a little less than six acres, situated on high ground overlooking the city, which lies in the Huron valley. This was increased by something over an acre in 1893, when a piece of ground lying to the south was purchased for the location of the Gymnasium. In 1895 the city of Ypsilanti purchased and presented to the College about five acres adjoining on the north. Since that time, the state has purchased four acres more, and the citizens of Ypsilanti by public subscription have purchased twenty acres more, making a total of nearly forty acres, upon which are located the College buildings, the heating plant, and the athletic field.

## BUILDINGS

The original building, erected in 1852, was destroyed by fire in 1859 and immediately rebuilt. This second building now stands as the central part of the main building. The front part was added in 1878, the west addition in 1882, the north and south wings in 1888, giving the building as now used the form of a cross, with a length of about 300 feet in each direction. The main building contains over sixty rooms, including class rooms, the assembly hall, the library, the offices of the President, the State Board of Education, the Clerk, and rooms for the Literary Societies.

The Conservatory building has recently been remodeled and greatly improved. It contains fifteen rooms, which are used exclusively by the Music Department.

The Gymnasium, erected in 1893, contains six rooms and is fully occupied by the department of Physical Training.

In the completion of the \$30,000 addition to the Training School building we have a thoroughly modern structure and equipment for the accommodation of the elementary grades and kindergarten.

The basement of the new building will contain a thoroughly equipped children's gymnasium, with a modern swimming pool and shower baths, and a free play room for the children of the Kindergarten.

The Manual Training and Domestic Arts departments will have their main rooms on the upper floor of the addition. These rooms offer every opportunity for the equipment of public school teachers in the lines mentioned. The rooms are beautifully lighted and contain the most modern equipment. A thoroughly equipped suite for serving and an up-to-date laundry make the household arts department one of the best equipped in the state.

Each grade room in the Training School building is furnished with two recitation rooms, which make possible training facilities for the large number of teachers who must pass through this department.

A Science building has recently been erected for the accommodation of the science departments. Spacious and well-equipped class rooms and laboratories are provided for both the physical and biological sciences.

Starkweather Hall, the gift of Mrs. Mary Starkweather, is a substantial and beautiful stone building, and is used by the Christian Association.

### EQUIPMENT

The Library contains 31,000 volumes, admirably selected and easily accessible. There are well-equipped laboratories for the various lines of science work, the outfit including, in all cases, such apparatus as it is possible to obtain and use in high schools, as well as the more extensive and costly equipment suitable for a college. In the Department of Music there are provided a fine pipe organ and an adequate number of pianos. The Physical Training Department has two fully equipped gymnasiums, one for men and one for women. The College is well supplied with examples of the best art, including a large number of casts of the best classic statuary, and a still larger number of photographic reproductions of the work of the world's best painters, which have been placed in the library, halls, and various class-rooms.

More complete information as to details of the equipment of the College is given below.

### LOAN FUND

The State Legislature in 1899 passed an act providing "that five or more persons of full age, residing in the State of Michigan, may associate and incorporate themselves together for the purpose of establishing loan funds for the benefit of schools, scholars, and students of the state, to assist them to attend the State Normal College at Ypsilanti, the Central Michigan Normal School at Mt. Pleasant, and other State institutions."

A corporation organized in accordance with the provisions of this Act "shall be under the general agreement of not less than five nor more than fifteen trustees," and "shall in law and equity be capable of taking and receiving real and personal estate, not exceeding twenty-five thousand dollars in the aggregate, for the purpose of its incorporation." (Public Acts of 1899. Acts No. 250, page 389-391.)

A society has been organized under these laws and a beginning has been made toward the administration of such a trust. Funds to the amount of over \$500.00 have already been acquired, and it is believed that, now that a beginning has been made, large additions will be made to this loan fund.

## The Library

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The library numbers 32,000 volumes. The accessions are very evenly distributed among the departments, with a fair proportion for general reference books and for literature in a broader sense than the demands of class-room work would require.

The reading room has comfortable seating capacity for 130, but it is often overcrowded. Two thousand five hundred volumes are free of access, and also the current numbers of periodicals and newspapers. These books comprise: (1) General dictionaries, cyclopedias, commentaries, atlases, miscellaneous books of quotations, literary helps and compendia, year books, almanacs, etc., etc. (2) All the bound files of general magazines, with Poole's index, the Cumulative index and the Readers' guide.

The iron stacks of the Library Bureau are used. The Dewey classification is followed. The stack rooms are well arranged both for convenience and lighting. The library is open from 7 a. m. to 9 p. m. on school days and from 7 a. m. to 12 m. on Saturdays.

Access to the shelves is restricted to students who assist for an hour a day in the library. Students desiring this work apply to the librarian; a regular hour is assigned and promptness and regularity are demanded. No credits are given for this work; but the free access to the shelves at all times during the day, the knowledge acquired of books and library work, and certain other privileges, are considered a good equivalent. There are ninety student assistants. No student assistant may work less than two quarters, many work two full years. The librarian meets the new assistants one hour a week for instruction in practical library methods, and reference work. Besides the service at the delivery desk, special work is assigned to each student.

The department libraries of from 100 to 500 volumes each, have increased. These constitute an effective addition to the equipment of the class room for ready and special reference. Several of the departments have special card catalogues of subjects relating to their particular work. These give more complete and detailed reference than would be possible in a general catalogue of the library, and greatly facilitate the research work of the students.

The connection between the library and the Training School is very close. Each grade room has over 100 volumes as a school room library, and every hour many volumes go from the library for supplementary reading and illustrative helps in teaching.

In the reading room are the following current periodicals:

- |   |   |
|---|---|
| Advocate of peace.  | Bulletin of geological society<br>of America. |
| American chemical journal.                                  | Catholic world.                               |
| American education.   | Centralblatt für physiologie.                 |
| American gymnasia.  | Century magazine.                             |
| American historical review.                                 | Chautauquan.                                  |
| American jour. of archaeology.                              | Chemical abstracts.                           |
| American jour. of philology.                                | Classical journal.                            |
| American jour. of physiology.                               | Classical philology.                          |
| American jour. of psychology.                               | Classical review.                             |
| American journal of science.                                | Contemporary review.                          |
| American journal of sociology.                              | Cosmopolitan.                                 |
| American naturalist.  | Craftsman.                                    |
| American physical education<br>review.                      | Cumulative book index.                        |
| American political science<br>review.                       | Cumulative index to periodi-<br>cals.         |
| Annalen der physik.   | Cumulative book review digest.                |
| Annals of Amer. academy of<br>political and social science. | Detroit public library bulletin.              |
| Art journal (London).                                       | Deutsche rundschau.                           |
| Astro-physical journal.                                     | Dial.   |
| Athenaeum.  | Edinburgh review.                             |
| Atlantic monthly.   | Education.                                    |
| Biological bulletin.  | Educational review.                           |
| Bird-lore.  | Electrical world.                             |
| Blackwood.  | Elementary school teacher.                    |
| Bookman.  | Etude.  |
| Botanical gazette.  | Euphorion.                                    |
| Bulletin of American geologi-<br>cal society.               | Fortnightly review.                           |
| Bulletin of American mathe-<br>matical society.             | Forum.  |
| Bulletin of bibliography.                                   | Gartenlaube.                                  |
|   | Geographical journal.                         |
|   | Geologisches centralblatt.                    |
|   | Good housekeeping.                            |

- Grand Rapids public library  
 bulletin.  
 Harper's monthly.  
 Harper's weekly.  
 Hibbert journal.  
 House beautiful.  
 Index medicus.  
 International journal of ethics.  
 International studio.  
 Johns Hopkins university cir-  
 culars.  
 Journal of American chemical  
 society.  
 Journal of education, New  
 England.  
 Journal of geography.  
 Journal of geology.  
 Journal of pedagogy.  
 Journal of philosophy, psychol-  
 ogy and scientific method.  
 Journal of political economy.  
 Keramic studio.  
 Kindergarten magazine.  
 Kindergarten review.  
 Knowledge.  
 Library index..  
 Library journal.  
 Life.  
 Literary digest.  
 Little folks.  
 Living age.  
 McClure's magazine.  
 Manual training magazine.  
 Meteorological zeitschrift.  
 Mind and body.  
 Moderator topics.  
 Modern language notes.  
 Monist.  
 Musical courier.  
 Nation.  
 National geographic magazine.  
 Nature.  
 Nature study review.  
 Neueren sprachen.  
 New Education.  
 New music review.  
 New York teachers' mono-  
 graphs.  
 Nineteenth century.  
 Normal college news.  
 Normal instructor and teach-  
 ers' world.  
 North American review.  
 Notes and queries.  
 Outing.  
 Outlook.  
 Pädagogische zeitung.  
 Pedagogical seminary.  
 Petermann's mitteilungen.  
 Philadelphia free library list  
 of public documents.  
 Philosophical magazine and  
 journal of science.  
 Philosophical review.  
 Physical review .  
 Playground.  
 Popular astronomy.  
 Popular educator.  
 Popular science monthly.  
 Posse gymnasium journal.  
 Primary education.  
 Psychological bulletin.  
 Psychological review.  
 Psychotherapy.  
 Public libraries.  
 Publisher's weekly.  
 Putnam's monthly.  
 Readers' guide.

- Recreation.  
 Review of reviews.  
 Revue des deux mondes.  
 Revue internationale de l'en-  
 seignement.  
 Revue pedagogique.  
 St. Louis public library bulletin  
 St. Nicholas.  
 School and home education.  
 School arts book.  
 School music.  
 School review.  
 School science and mathematics  
 Science.  
 Scientific American.  
 Scientific American supplement  
 Scribner's magazine.  
 Story hour.  
 Teachers' college record.  
 Teachers' magazine.  
 Teachers' world.  
 U. S. Bulletin of department of  
 labor.
- U. S. Catalogue of public docu-  
 ments.  
 U. S. Census bulletins.  
 U. S. Congressional record.  
 U. S. Consular reports.  
 (monthly).  
 U. S. Consular reports (special)  
 U. S. Monthly summary of com-  
 merce and finance.  
 U. S. Monthly weather review.  
 U. S. Smithsonian miscellan-  
 eous collections.  
 Western journal of education.  
 World's work.  
 Ypsilanti daily press.  
 Youths' companion.  
 Zeitschrift für physikalischen  
 u. chemischen unterricht.  
 Zeitschrift für die reform der  
 höheren schulen.  
 Zeitschrift für diätetische u.  
 physikalische therapie.

Besides those enumerated above, which are for general use, the following periodicals are taken regularly for the Training School.

### Training School

Little folks.....	Grades 1, 2 and 3
Kindergarten review .....	Grade 1
Kindergarten magazine .....	Grade 2
St. Nicholas .....	Grade 4
Popular educator .....	Grade 7
Youth's companion.....	Grades 5 and 7
Normal Instructor .....	Office
Story hour.....	Grades 1, 4 and 7
Teacher's college record.....	Grade 1
New York teacher's monographs.....	Grade 2

The library has been designated a "Remainder Depository" for United States Public documents, which facilitates the procuring from the general government of such documents and reports as are of the greatest value to the College.



# Laboratories

## BIOLOGICAL

The science building affords adequate facilities for biological study. Two large well-lighted laboratories are devoted to zoölogy and botany, while two smaller rooms are reserved for advanced work in these subjects. The laboratories and lecture rooms contain fairly complete collections for illustrative purposes and for systematic study, supplemented with charts and models. The department possesses a full equipment of compound dissecting microscopes, microtomes, tanks and aquaria, and the apparatus and instruments required for modern biological work. The herbarium contains some four thousand mounted plants from various sections of the United States and Canada. A greenhouse, a pond and a series of flower, vegetable and grain gardens supply much material for study and class-room illustration. A vivarium-room contains live forms used in the various work of the department. During the past year the zoölogical collection has been enriched by a valuable skull series, the donation of Dr. John M. Watling, of Washington, D. C. The collection represents the work of many years' study of the dentition of the vertebrates.

## PHYSIOLOGICAL

In addition to the zoölogical collection, which is used in the comparative anatomy, the college possesses a life-size manikin of French manufacture, articulated and unarticulated skeletons, numerous models, special preparations, apparatus, charts, photographs and lantern slides. A complete series of microscopic mounts is being made. The State Board of Health liberally supplies the department with its pamphlets relating to the nature, spread and restriction of contagious diseases.

## GEOLOGICAL

By means of purchases and donations the department has gotten together good working collections of minerals, rocks and fossils. Fairly complete illustrative collections are being arranged in a special room in the new science building, adjoining

the laboratory and lecture room. The laboratory is equipped with all needed instruments, apparatus and supplies for practical work upon minerals and rocks. Maps, charts, models, a stereopticon with numerous slides, and growing collection of photographs, are used to enrich the class work in geology. A full photographic outfit and dark room are available for those desiring to make use of them. The moraines of the Huron-Erie ice lobe and the series of beaches of the ancient glacial lakes are within easy reach by electric car. The drift of the region furnishes an abundance of common rocks and minerals for individual collecting.

### PHYSICAL

In the science building thirteen rooms are appropriated to the instruction in physics. Of these, five are located on the first floor and include a lecture room, apparatus and preparation room, laboratory and advanced experimental work, dark-room for photometry, and a large dynamo room which is also the laboratory for advanced physical measurements.

On the second floor are seven rooms, including the large lecture room, laboratory for physics 1, 2 and 3, two dark-rooms for photometry and photography, two apparatus rooms, the office, library, and shop.

Both lecture rooms are furnished with direct and alternating electric currents, means for darkening the windows, and lantern facilities. A dynamo-accumulator system installed on the first floor supplies the lecture tables with the necessary current for demonstration purposes.

The apparatus collection of the department contains not only the pieces required for the ordinary demonstration and experimental work, but special equipment has from time to time been procured to illustrate wireless telegraphy, x-rays work, electrical resonance, radio-activity, high potential effects; work with high vacua; diffraction, polariscopic and spectroscopic work; lanterning, photography, photometry, theoretical and industrial, etc., etc.

### CHEMICAL

Seven rooms are appropriated to chemistry: A store and dispensing room, a lecture room, a preparatory room, a labora-

tory for elementary chemistry, a laboratory for advanced chemistry, a combustion room, and a combined balance room and library, all supplied with the usual equipment for two and a half years of chemical work.

The lecture room is provided with conveniences for lanterning, for handling gases on a large scale, and for demonstrating the important laws of chemistry.

The balance room contains 14 sets of balances and weights, 9 of which are good analytical balances. There is an excellent chemical library in this room, much used by students.

The laboratory for advanced chemistry contains a good supply of graduated glassware for volumetric work; a number of drying ovens; a Dumas and a Victor Myer apparatus for the determination of molecular weights; and general apparatus for work in physical and organic chemistry.

The laboratory for the work of the first year is especially large, commodious, and well supplied with fittings and apparatus for working out or verifying the principles of the science.

### ASTRONOMICAL

The astronomical laboratory consists of an open-air observatory upon the top of the science building; an eighteen foot Warner and Swasey dome for the Alvin Clark and Sons' equatorial; a transit room for the Bandis transit, the Negus chronometer and the small chronograph; and a draughting and store room for astronomical photographs, transparencies, charts, etc.

### DEPARTMENT LIBRARIES

The Natural Science department has accumulated the nucleus of a teachers' library of texts, guides, helps and supplementary readers. This now includes important works relating to zoölogy, physiology, botany, and geology. Pupils and visiting teachers who desire to make a comparative study of texts, or to learn what is available in these subjects, are cordially invited to make use of this library. The general library is supplied with the important books of reference, periodicals, manuals and advanced texts, relating to the natural sciences.

The Physical Science department has a working library on each floor consisting of nearly 300 important works of reference in chemistry, physics and astronomy, and excellent sets of portraits of eminent scientists.

A special card catalog with some eight thousand references enables students to use these books and portraits effectively. The department also possesses a large collection of physical and astronomical lantern slides.

# Societies and Clubs

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## THE ALUMNI

Since the Normal was opened in 1853 there have gone from it 6,561 graduates, the great majority of whom have taught in the schools of our own and neighboring states. About 1,800 have been graduated in the last five years, and the greater part of these have been engaged in teaching in Michigan. Individually, these alumni of the institution exert a considerable influence in determining the educational policy of the state with which the interests of the Normal College are inseparably connected. Until recently there has been very little movement towards organization, but within the last few years a marked increase in this direction has been noticeable. There have also been of late more and larger alumni reunions, and a considerable number of local organizations have been formed.

## THE ALUMNI ASSOCIATION

This association has been in existence for many years. The feeling which has been growing of late years that a stronger central organization was needed led to its reorganization in 1905 and resulted in placing it upon a permanent basis. In the four years since 1905 much has been accomplished towards perfecting the association into an active working force and the membership has reached several thousand. An arrangement exists whereby the Normal College News is made the official organ of the association and the manager of the News also becomes the general secretary of the association. The membership fee and the News subscription are the same (one dollar) and either includes the other. All graduates and former students and members of the faculty are eligible to membership. The payment of twenty-five dollars in five yearly payments of five dollars each entitle to life-membership.

For the present the work of the association is outlined along the following lines: 1. The compilation of an alumni directory which shall contain as nearly as possible the names, addresses and vocations of all the graduates and former students of the

College, together with such other information concerning them as tends to show the character of the College work by the actual life-work of its graduates. 2. The holding of College reunions wherever feasible, at teachers' institutes, State Association meetings and at the College at Commencement time. Special emphasis is placed on the reunions held in connection with the meeting of the State Teachers' Association. Decennial reunions of former classes are held at Commencement time in addition to the general meeting. Classes of 1859, '69, '79, '89, '99, will be held in June, 1909. Classes of 1860, '70, '80, '90, '00, will be held in June, 1910. 3. The organization of county alumni clubs, whose purpose it shall be to foster in every way possible the interests of the College. The nuclei for these clubs are now being formed in College by the organization of county clubs among the students now in school. 4. The dissemination of items of interest about the College and its graduates through the columns of the Normal College News, keeping alive interest in the College and the Association.

The officers of the Association for the year 1908-9 were: Frederick M. Churchill, '95, president; Abigail Roe, '92, vice-president; Horace Z. Wilber, '02, general secretary; Bertha Goodison, recording secretary; Fannie Cheever Burton, '84, treasurer.

The Association is a great active force for good and deserves every encouragement. Correspondence giving information about former students or members of the faculty is desired and should be addressed to the Alumni Secretary, care of the College.

### THE CONSERVATORY ALUMNI ASSOCIATION

This association was formed in the spring of 1897. Each year a reception is given immediately following the Commencement-week concert of the Ypsilanti Choral Society. Visiting alumni, the Conservatory juniors, and members of both Conservatory and College faculties are invited. The opportunity for Conservatory graduates to meet and renew interest in one another and in the work, and to make the acquaintance of new members among the alumni is one greatly appreciated.

It is the intention to hold one of these receptions every year. The association has members not only in many states of the union, but others perfecting themselves in musical studies beyond the sea.

### THE ATHLETIC ASSOCIATION

The athletic interests of the school are managed by a joint committee, representing the Faculty and the Students' Athletic Association. This method of supervision creates confidence in its affairs. A new athletic field, large and well graded, furnishes ample opportunity for practice of the usual outdoor sports. The various clubs and teams are trained under the supervision of the department of Physical Education, the work of the men forming a part of the regular work of the department, as outlined in the Department notes.

Training work in outdoor athletics is in charge of a special coach, who also acts as assistant in the department.

In the gymnasium, which is one of the most convenient in the state, bathing facilities, lockers, etc., are furnished without expense to students.

Each student contributes one dollar per year for the support of the association and is thereby entitled to a season ticket to all the outdoor games. The affairs of the association are in a flourishing condition, and its work contributes much to the formation of a loyal college spirit, besides affording good, healthy exercise and entertainment for our student body.

### STUDENTS' CHRISTIAN ASSOCIATION

This organization consists of two societies—the Young Women's Christian Association and the Young Men's Christian Association. Both are in a prosperous condition and hold two meetings a week—a union prayer service on Wednesday evening, and separate meetings on Sunday afternoon.

Bible study is strongly emphasized, and intelligent interest in missions is awakened. Starkweather Hall, the gift of Mrs. Starkweather, of Ypsilanti, is the center of religious interest in the College.

An employment bureau is connected with the association. Its aim is to aid students in finding some kind of remunerative service, whereby a portion of their college expenses can be defrayed.

## SHAKESPEARE CLUB

A class, studying Shakespeare with Miss Pearce, organized in 1897, a club for the purpose of continuing painstaking, critical study of the works and life of Shakespeare. The purpose of the original organization is still the purpose of the club. Intensive rather than extensive study has been preferred by the members. Each year two of Shakespeare's plays are studied, special attention being given to the origin, structure and development of the plot. The study of the characters also adds much to the interest of the work. The club holds its meetings semi-monthly, and the work for the evening is arranged by some member appointed as leader. The membership is limited and admission to the club is granted only by invitation.

## GERMAN CLUB

This is an organization designed to give the students of the German classes an opportunity to cultivate a facility in German conversation. Interesting programs of an informal nature are carried out by the members. Meetings are held every two weeks, on Friday evenings, from six-thirty to seven-thirty o'clock.

## THE YPSILANTI CHORAL SOCIETY

This society combines the singing students of the College and Conservatory with well-known citizens of Ypsilanti. Consisting of from two to three hundred voices, the chorus is able to give every year the classical music of the masters. Oratorios, operas, and choice selections make up the program, and an opportunity is thus offered to all who can sing to enjoy the privilege of singing at the concerts and rehearsals without extra expense and to hear the famous singers from abroad.

At Commencement, Mr. Pease's new setting of "The Old Clock on the Stairs" was given by the society, assisted by Miss Harriet B. Oltman, soprano, of the Conservatory; Mrs. Annis Gray, contralto, of the Conservatory faculty; Mr. Wm. Lavin, of Detroit, tenor; Mr. S. I. Slade, bass, of the Conservatory faculty; a selected orchestra from Detroit with Mr. Wm. Yunck as leader and Miss Ruth Putnam, of the Conservatory faculty, pianiste.

On March 16th the annual concert was given in Normal Hall. This was given as a Mendelssohn centenary concert. The celebrated "Hymn of Praise" and some shorter selections were



rendered by the society. Mr. Frederick H. Pease, conductor, assisted by the Orpheus Club of Detroit, with Mr. Frederick Alexander as conductor, and accompanied by the Ziegler-Howe Concert Orchestra of Columbus, Ohio. The soloists were Miss Caroline Hudson, of New York City, soprano, and Mr. Marshal Pease, of Detroit, tenor; Miss Ruth Putnam, pianiste.

The following artist recitals were given this year: Madam Isabelle Bouton, distinguished mezzo-soprano of New York City, in song recital; Madam Maud Powell, the greatest living woman violinist, of New York City; Mr. A. W. Platte, of Detroit, in organ recital, and the celebrated Ernest Gamble Concert Party, of Pittsburg, Pa.

### THE LITERARY AND ORATORICAL SOCIETIES

The organization of the Normal Lyceum dates back to the early history of the school. It consists at the present time of the Olympic, Athenaeum and Crescent societies. Each of these societies is limited to a membership of forty. The work is of a general literary character, consisting of readings, recitations, essays, orations, music, etc., and is practically the same in each society. During the year the societies give two joint public programs in Normal Hall, electing for participants on this occasion their most faithful and capable members. Each society has a room of its own, tastefully furnished and provided with a piano.

The Oratorical Association, both in purpose and organization, is closely allied to the Lyceum. The societies contribute to the support of the Oratorical Association. During the past year the association has distributed prizes to the value of one hundred and fifty dollars in the annual oratorical contest and debate.

In connection with these organizations should also be mentioned the Webster, the Lincoln, the Portia and the Minerva debating clubs. These clubs are limited to sixteen members each, and are organized purely for the purpose of debate. The work is done under the supervision of the department of Reading and Oratory, and has proved very valuable for those who wish to perfect themselves in public speaking.

# The Western Journal of Education

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The Western Journal of Education is a monthly magazine published under the auspices of the Normal College and devoted to the interests of general education. It is concerned primarily with matters pertaining to the professional aspects of teaching, including school organization, school management, and questions of method. These are considered from the standpoint of the normal school, emphasis being placed upon the principles involved rather than upon particular ways of reaching certain desired ends. While the publication was designed primarily to reflect the views of the Normal College, its scope has been widened until it now represents the best thought on present day topics as expressed by leading educators in all parts of the country. All articles are selected with respect to their value to teachers, and through the publication the College seeks to extend its influence beyond the classroom and to prove of service to the teacher in active work.

The immediate control of the Journal is vested in a committee of the College Council, consisting of the President of the College and five additional members, one of whom, as editor, has direct charge of the publication. At the present time this committee consists of President Jones, Professor Lyman, Professor D'Ooge, Professor Ford, Professor Harvey, and Associate Professor Wilber, who is managing editor. In addition to these is a board of advisory editors made up of representative educators of the Middle West. The following comprise this board at the present time: William H. Elson, Superintendent of Schools, Cleveland, Ohio; James L. Hughes, Inspector of Education, Toronto, Canada; E. W. Hagarty, Principal Harbord Collegiate Institute, Toronto, Canada; Walter C. Hewitt, State Institute Conductor, Oshkosh Normal School, Oshkosh, Wisconsin; E. J. Townsend, Dean of the College of Science, University of Illinois, Urbana, Illinois; O. J. Kern, Superintendent of Schools, Winnebago County, Rockford, Illinois; John R. Kirk, President State Normal School, Kirksville, Missouri; E. A. Jones, State Commissioner of Common Schools, Columbus, Ohio; E. E. Ferguson, Superintendent of Schools, Sault Ste. Marie, Michigan.

The Journal is not merely a local publication. It serves, in a large measure, as an organ of expression for the normal schools and departments of education throughout the country. Its purpose is to bring within the reach of teachers and students of education the latest ideas pertaining to the profession of teaching, and to give to those concerned with the administration of schools and the training of teachers opportunity for an elaboration and exchange of ideas.

The Journal is not maintained for financial gain. The subscription price is one dollar a year; all money received in excess of actual expenses is used in increasing the value of the publication.

## The Normal College News

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The Normal College News is a weekly educational newspaper published under the auspices of the Normal College. Although designed as an institution paper, the News contains much matter of a general educational interest. In addition to giving a full account of the College life and of the activities of the different school organizations, the various departments have opportunity through the News to represent the character of the work being done and to give a wider circulation to the ideas which they emphasize. Lectures are reported through the News and important announcements made; also by means of this publication the various College interests are unified and the alumni and the schools of the state are kept in close touch with the Normal College.

The News is under the control of the College faculty, the direct management being vested in a committee of the council of which the editor in charge is a member. A fully equipped printing plant is installed in the west wing of the main building, and here both College publications are printed.

The subscription price of the News is one dollar per year. Although the matter of subscribing is entirely voluntary, students and others desiring to keep in touch with the interests of the school cannot well afford to be without the publication.

## Normal College Extension Lectures

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The State Normal College hopes in the future to be helpful in developing and improving the educational work in city, village and rural communities, by allowing its faculty members to give single lectures or courses of lectures at educational and social meetings. Members of the faculty of the College, so far as their regular work will allow, will give lectures as indicated below. The only charge made for these lectures will be necessary railroad and hotel expenses. The occasions will include addresses to high school students, grange meetings, farmers' clubs, lecture associations and literary societies, in cities, villages, or rural communities. The most convenient dates are, of course, Friday evenings and Saturdays. Normal College professors also give Commencement addresses and do Institute work for which regular charges are made.

Persons wishing to avail themselves of these extension lectures should write the president, expressing their preferences when some member of the faculty will be assigned to the date. Especial attention will be given to Alumni clubs throughout the State. Under such extension lectures the following courses are offered:

### President Jones—

- Young People I Have Known and What Became of Them.
- The Teaching of Patriotism a National Duty.
- Eminent Educators I Have Known.
- The School and the Child.
- Consolidation of Rural Schools an Educational and Social Necessity.
- Ideals the Basis of Character Development.
- Some Social Conditions Which Need Improving.

### Professor S. B. Laird—

- Twentieth Century Education.
- Scope and Value of an Education.
- Adolescence.
- School Discipline.
- Abnormal School Fatigue and How Partly Eliminated.

## Professor C. O. Hoyt—

Pestalozzi, the Swiss Reformer.  
 Froebel and the Kindergarten.  
 Our Educational Inheritance.  
 Thomas Jefferson as an Educator.  
 "The Great Stone Face."

## Professor F. A. Barbour—

The Educative Value of Language Study.  
 The Educative Value of Music.  
 Can Literature be Taught?  
 Principles Underlying English Composition.  
 The Imaginative Reading of Shakespeare.

## Professor Benj. L. D'Ooge—

Recent Educational Movements.  
 The Successful Teacher.

The following lectures are illustrated with the stereopticon.

There will necessarily be an additional charge for lantern and operator unless these are furnished by the locality.

The Rise and Development of Greek Art.  
 Athens in the Days of Pericles.  
 Tours in Greece.  
 Rome in the Days of the Caesars.  
 The Roman Forum.  
 Classic Sites in Sicily.  
 Life in Ancient Pompeii.

## Professor R. C. Ford—

Some Demands of the New Century.  
 A Boy's Trip to the Orient.  
 What I saw in the German Schools.

## Professor E. A. Strong—

The Life and Work of Galileo.  
 The Life and Work of Newton.  
 Recent Views on the Constitution of Matter.

Lantern lectures, at an expense of \$20.00 each, on—

The Moon in Science, Song and Story.  
 Astronomical Observatories and Observers.

## Assistant Professor F. R. Gorton—

The Forces of Nature. Illustrated.  
 The Properties of Matter.

Assistant Professor B. W. Peet—

Food Values. Illustrated.

The Adulteration of Foods.

Professor E. A. Lyman—

Historical Sketch of the Origin of Arithmetic.

Illustrated by old texts.

Historical Origin and Development of Measures of Length,  
Weight, Time, etc.

Professor Mark Jefferson—

Russia and Japan.

The Argentine Republic.

Winds and Climates.

Norway.

Professor Nathan A. Harvey—

Popular Scientific Lectures, Illustrated:

Beside the Still Waters. A lecture on Microscopic life.

The Psychology of Insects.

The Cecropia Moth and Other Moths.

Extinct Animals.

The Growth of Plants.

Everyday Chemistry. Illustrated by experiments.

Pedagogical Lectures:

Periods of Child Growth.

The Public School in the Light of New Demands Made  
Upon It.

The Course of Study.

The Theory of Play.

Professor Dimon H. Roberts—

Does Education Pay?

Our Debt to the State.

Elements of Success.

Character Building.

Is Our School Course Overcrowded?

The Culture Element in Education.

Professor J. Stuart Lathers—

Macbeth—A lecture recital.

Julius Caesar—A lecture recital.

Monsieur Beaucaire.

A miscellaneous reading recital.

## The Normal Lecture and Music Course

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During the season of 1908-1909 the following entertainments were given in the College Hall, under the auspices of the College Faculty. Tickets to these entertainments are sold at as low a price as is consistent with paying the expenses of the course.

Nov. 16---Glenn Hall.,

Dec. 2--Frank Dixon.

Dec. 10—New York Grand Concert Company.

Dec. 16—S. Parkes Cadman.

Jan. 29—Isabel Garghill Beecher.

Feb. 24—Joseph W. Folk.

Mar. 8—Strickland W. Gillilan.

Mar. 16—Ypsilanti Choral Society.

Apr. 20—Kogoro Takahira.

In addition to the lectures given in the regular course speakers of note are frequently secured to address the students at chapel, or on other occasions.

# General Items

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## DISCIPLINE

The State Normal College is supported by the taxpayers of Michigan, and is responsible to the state for the character and scholarship of those it sends out to teach in the public schools. The administrative authorities have therefore adopted the policy of asking such students as are found not to be adapted to school work to withdraw from the institution. Students who fail to pass in a large part of their work, or whose character and habits are such as to unfit them in any sense for the important work of teaching, cannot expect to complete the course and receive the sanction of the authorities of the institution. Every effort will be made to encourage, direct and assist all worthy students, but those who do not show promise of good results or are otherwise unfit to go into public schools as teachers, will be asked to withdraw.

## THE TEACHERS' BUREAU

The Teachers' Bureau consists of a committee of the Faculty, which seeks to place each graduate of the institution in the position best adapted to his qualifications. These qualifications are determined by a careful examination of the student's complete record as shown by his work done not only in the Training School but also in the various departments of the College. The bureau seeks in this way to do full justice to every student, and is able to give exact and discriminating information to school officials seeking teachers. During the current year the work of the Bureau has been extended to include all graduates of the College teaching in the state, with the view of giving them all possible assistance in advancing their professional interests. Full and confidential information will be sent school officials concerning candidates. It is our policy not to send out general letters of recommendation for indiscriminate use, but to recommend a candidate for the particular position that he is qualified to fill. A large number of the members of the graduating class



have had considerable experience in teaching besides that obtained in the Training School. There are among our students and graduates persons admirably fitted for the various high school principalships and superintendencies. School authorities are invited to visit Ypsilanti and see the students at work, and make selections of teachers after a personal interview. All letters of inquiry will receive careful attention.

During 1908-9 the Bureau will consist of the following: Professor Dimon H. Roberts, Professor William H. Sherzer and Professor Charles O. Hoyt. Miss Mabel S. Zach, appointment secretary.

### School Fees

Every student is required to pay at the beginning of each quarter, or upon any subsequent entrance for the quarter or for any part of the quarter, an entrance fee of three dollars (3.00). This is not returnable because of withdrawal after the student has once regularly entered.

Students in the Conservatory of Music who carry subjects in the Normal courses, pay the same entrance fee as do others. Conservatory students who take private lessons only pay each quarter an entrance fee of one dollar and a half (\$1.50).

Every student is required to pay one dollar for the support of the Athletic Association, and receives in return a season ticket to all the games.

At the Gymnasium a deposit of 25 cents is required for the use of a locker key, upon return of which the money is refunded.

Laboratory fees will be collected in amounts varying from twenty-five cents to one dollar, according to the subjects taken.

A fee of one dollar each quarter will be charged all students specializing in Manual Training and Domestic Science and Art.

### Rooms and Board.

The school provides no dormitories. Abundant and usually convenient rooms may be had at reasonable rates in the homes of the citizens of Ypsilanti. Board and rooms may be had in the same family or separately. The latter is perhaps the more common. Rooms may be rented, furnished or unfurnished, by persons who wish to board themselves. Board alone may be had either in clubs or in private families. Board and room in

families cost \$3 to \$4 per week. Fuel and lights are generally counted extra. Rooms alone, furnished for two, may be rented for 75 cents to \$1.50 each per week. Students rooming alone pay double rent or nearly so. Board in clubs may be had for \$2.00 to \$2.75 per week.

Where economy is practiced, necessary expenses, including room, meals, school fees and laundry may be estimated as follows:

**Estimated Total Expenses per Term of 12 Weeks**

Room and board, twelve weeks.....	\$36 00 to	\$42 00
Fuel and lights.....	6 00 to	8 00
Laundry .....	6 00 to	8 00
Books and stationery.....	7 00 to	7 00
Registration and other fees.....	5 00 to	5 00
Total.....	\$60 00 to	\$70 00

## Accepted Schools

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Recognizing the importance of a permanent connection between the secondary schools of the state and the Normal College, the Board of Education has adopted a plan whereby formal recognition is given to the work done by the public school system of Michigan. The following extracts from the minutes of the Board explain fully the new policy:

"The Michigan State Normal College recognizes that there is a public school *system* in Michigan. It proposes, therefore, to give due credit for all work done in the public high schools of the commonwealth that are organized in accordance with the prevailing standard for such work in this state. This recognition constitutes an important change of policy of a higher state institution toward the public high school. The following extracts from a resolution passed by the State Board of Education, at the request of the President and heads of departments of the College, quite fully express this change of policy:

1. That all pupils regularly graduated from twelve-year public-school systems having not less than thirty-six weeks per year, in which four years are devoted to high-school work, be admitted to the regular two-years' life certificate college course without examination.

2. That all pupils who have finished not less than two years of high-school work in a twelve-year course, as above outlined, be admitted on their record to the four-years' life certificate course in the Normal College, receiving credit on the course for all work which they may have already done beyond the first two years of the high-school course. Students are urgently advised, however, to complete the high-school course at home, as no time can be gained on the Normal College life certificate course by taking any high school work at the College.

3. That all pupils unable to maintain a satisfactory standing during the first term in the Normal College, may, in the discretion of the Faculty in each case, be dropped from the roll of the school, or required to repeat the work not satisfactorily com-

pleted on first trial; and that all such cases be reported back to the high schools from which they come, with the fact in each case, to the end that the superintendents and principals of high schools throughout the state may learn what our standard of requirement is, and take measures to prevent pupils from coming to us without due preparation; and that should successive cases of defective preparation be found to come from certain schools, the privilege of admission without examination may in the discretion of the Faculty be withdrawn from graduates of such schools."

To insure adequate preparation for pursuing successfully the work at the Normal College, school authorities are urged to conform their course of study and their methods of work as closely as their facilities will allow to the Course of Study for the High Schools of Michigan published in 1905 by the State Department of Public Instruction.

# Courses of Study

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The State Normal College offers a Preparatory Course and a Four Years' College Course.

At the completion of the first two years of the College Course, the student is given a life certificate, at the end of the third year the degree of B. Pd., and at the end of the fourth year the degree of A. B. in education.

The school year is divided into three terms. A student doing regular work carries four subjects. One subject pursued for a term counts as 12 weeks of work. Thus a student carrying regular work completes 48 weeks in a term, or 144 weeks in a year.

## ADMISSION

Students may be admitted at the opening of any term.

The several terms begin near the first Monday of October, January, and April (see calendar p. 6 ), and continue for twelve weeks.

The conditions under which a student enters will determine the course of study to be pursued.

## ENTRANCE ON DIPLOMA OR CERTIFICATE

Students who are college graduates, or graduates of accepted high schools (see p. 43) will be admitted to the College courses upon presenting evidence of such graduation.

Students who have completed the first two years of the course of an accepted high school will be admitted to the Preparatory Course on presenting certificate of work already done.

Students who hold first grade certificates properly endorsed will be admitted to the Preparatory Course without examination. Such as hold a state certificate will be admitted without examination to the College Course. Holders of these two classes of certificates who have done work in advance of the entrance requirements and who wish credit for the same on their course here will be given examinations in such subjects as they desire to pass.

All students entering without an examination should bring standings from their school for record on our books.

The conditions of entrance upon the Rural School Course and the Three-Year Certificate Course are defined in the description of those courses.

### ENTRANCE BY EXAMINATION

Students coming from non-accepted high schools, or whose entrance credits are otherwise unsatisfactory, will be examined or classified on trial in suitable courses. Such as fall below the requirements for admission to the Preparatory Course will be classified in the Ninth or Tenth Grade of the Normal Training School, from which they may pass in regular order to the courses above mentioned.

## Preparatory Course

This course is strictly preparatory, covering substantially the work of the last two years of the ordinary high school. Students, who have completed no less than two years in an accepted high school, may enter on the course without examination, and any work already done beyond two full years of high school work will be credited. In case a subject included in the course has been taken as a part of the first two years of the high school work, such subject may be omitted by permission of the head of the department concerned, and an elective taken instead. Such omission shall not, however, reduce the amount of work required for the completion of the course—the elective merely taking the place of the omitted subject.

First Year	Second Year
Algebra .....24 weeks	Geometry .....36 weeks
Rhetoric .....12 "	Physics .....36 "
English History.....24 "	English Literature...24 "
Botany .....24 "	Am. Pol. History....12 "
Geometry .....12 "	Elective .....36 "
Physical Geography..12 "	Physical Training...36 "
Elective .....36 "	(no credit)

Students having had no foreign language are advised to elect at least two years of Latin, German or French.

## College Courses

### First and Second College Years

(Two Years' Life Certificate Course.)

This course covers the first two years of the college course and is designed primarily for graduates of accepted high schools, but is open to students who have completed the Preparatory Course. Students are permitted to elect one or the other of two courses during the first two years: (1) they may take the general course, or (2) they may specialize in any department or departments.

#### GENERAL COURSE

Required Subjects .....	96 weeks
Psychology .....	24 weeks
Pedagogy .....	12 "
History of Education.....	12 "
Drawing .....	24 "
Teaching .....	24 "
Physical Training .....	48 " (no credit)
Teachers' Courses.....	72 weeks

Six courses to be selected from the following list.

Arithmetic	Music
Civics	Physical Education
Drawing	Physiology
Field Geography	Primary Nature Study
Geography	Reading
Grammar	Secondary Nature Study
History	
Electives .....	120 weeks

Electives may be chosen at the option of the student in accordance with the following plan: as major work, four related subjects may be elected from one department, and as minor work, there may be elected either three related subjects from each of two departments or two related subjects from each of three departments. If, however, any subjects of the Preparatory Course,

including Physiology, were not taken as part of the full four years' high school course, they must be taken as electives.

The subjects in the following list are arranged in the proper sequence and are recommended by the different departments as suitable subjects to be elected. The student must make no deviation from the order prescribed, except by permission of the patron who is the head of the department concerned.

#### DRAWING.

Black Board Sketching  
Advanced Drawing  
Instrumental Drawing

#### ENGLISH.

Junior Composition.  
Principles of Criticism 1.  
Principles of Criticism 2.  
English Fiction.

#### GERMAN AND FRENCH.

Students with no preparation should begin with course 1.  
Students with one year preparation begin with course 4.  
Students with two years preparation begin with course 7.

#### GEOGRAPHY.

Teachers' Geography  
Geography of America  
Geography of Asia, Africa and Australia.  
Geography of Europe.

#### HISTORY.

First Year—Greek History  
                    Advanced American History  
Second Year—Political Economy  
                    Study of Society

#### LATIN AND GREEK.

Livy  
Cicero's Essays  
Latin Selections  
Latin Writing

#### MATHEMATICS.

Higher Algebra 1  
Trigonometry  
Analytic Geometry



Methods in Geometry

NATURAL SCIENCES.

- (a) Minerals and Rocks  
Dynamical Geology
- (b) Cryptogamic Botany  
Physiological Botany  
Plant Ecology
- (c) General Zoölogy 1  
General Zoölogy 2  
Vertebrate Structures
- (d) Bacteriology  
Advanced Physiology

MUSIC.

PHYSICAL EDUCATION.

- Teachers' Course in Physical Education
- History of Physical Education
- Mechanics of Exercise
- Physiology of Exercise

PHYSICAL SCIENCES.

- (a) Chemistry 1  
Chemistry 2  
Chemistry 3
- (b) Physical Laboratory Practice  
Advanced Physics 1  
Advanced Physics 2  
Advanced Physics 3  
Astronomy

READING AND ORATORY.

- Elocution 1 or Oratory
- Elocution 2 or Shakespearean Reading
- Shakespearean Reading
- Critical Readings or Oratory

SCIENCE AND HISTORY OF EDUCATION.

- History of Education (additional course)
- School Administration
- Herbart and Froebel
- Introduction to Philosophy

Students' Record

It is recommended that each student keep a record of the work finished, on the following blank:

- Psychology 1
- Psychology 2
- Pedagogy
- History of Education
- Elementary Drawing 1
- Elementary Drawing 2
- Teaching
- Physical Training 1
- Physical Training 2
- Physical Training 3
- Physical Training 4

Teachers' Courses.

Electives.

1.....	1.....
2.....	2.....
3.....	3.....
4.....	4.....
5.....	5.....
6.....	6.....
	7.....
	8.....
	9.....
	10.....

## SPECIALIZING COURSE

Students desiring to specialize in any department will find full liberty within this course. The head of the department in which the student specializes becomes the student's patron. The patron should be consulted before classification, and under his guidance the student may enter at once upon his special line of work.

Required Subjects.....	72 weeks
Psychology .....	24 weeks
Pedagogy .....	12 "
History of Education.....	12 "
Teaching .....	24 "
Physical Training .....	48 " (no credit)
Teachers' Courses.....	72 weeks

Six of the following courses to be selected:

Arithmetic	Physiology
Civics	Primary Nature Study
Drawing	Reading
Field Geography	Secondary Nature Study
Geography	Teachers' Course in Ancient Languages
Grammar	Teachers' Course in Modern Languages
History	
Music	
Physical Education	

Electives .....	144 weeks
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The student is given the freedom to select such electives in such departments as his patron shall advise.

For the special course for Critic Teachers, the Specializing Kindergarten Course, the Manual Training Course and the Course in Domestic Science, see pp. 134-141.

Students' Record

It is recommended that each student keep a record of the work finished, on the following blank:

Specializing Course

- Psychology 1
- Psychology 2
- Pedagogy
- History of Education
- Teaching
- Physical Training 1
- Physical Training 2
- Physical Training 3
- Physical Training 4

Teachers' Courses.

Electives.

1.....	1.....
2.....	2.....
3.....	3.....
4.....	4.....
5.....	5.....
6.....	6.....
	7.....
	8.....
	9.....
	10.....
	11.....
	12.....

## The Third College Year

At the end of the third college year, the degree of Bachelor of Pedagogics will be conferred. This is never granted as an honorary degree. Students from other institutions will be given credit for work done elsewhere as far as it corresponds in degree and kind to our requirements; but no amount of such credit shall shorten the work of the first three years to less than a year. Persons holding the A. B. degree from any reputable college may receive the degree of Bachelor of Pedagogics by taking a year of college work in residence, including the required subjects of the first two years.

A course of special freedom is offered to specializing students, that complete the third college year, on condition that they defer practice teaching until the third year and do not plan to take a life certificate at the end of the second year. Such students will be excused from all teachers' courses, except those connected with the courses in which they are specializing. Their required work except for teachers' courses will be the same as specified above. Beyond these requirements the course will be elective and its character determined by the student and his patron. At the end of the third year the student will receive a life certificate and the degree of Bachelor of Pedagogics.

The classification of all students in the third year shall be in the hands of a committee consisting in each case of the President and the heads of departments from which subjects are elected.

The work elected may be either general or specializing in character, but must always include:

- a. Thirty-six weeks of advanced work in education.
- b. One year of foreign language, unless at least two years of foreign language have already been credited. Students having credit for but one year of foreign language are required to pursue the same language for an additional year.

## The Fourth College Year

Upon the completion of this year of work the degree of Bachelor of Arts in Education will be conferred. For this final year all the departments offer the highest and best form of professional training in both general and special lines. The degree

which crowns its completion is never granted *honoris cause*, nor can any one receive it who has not already satisfied the requirements for the degree of B. Pd.

### Enrollment

Students wishing to enter on the work of the fourth year will fill out and present to the council a blank indicating:

- a. The work previously done.
- b. The course of study which they propose to follow during the year.

### Classification and Required Studies

The classification of all students in the fourth year shall be in the hands of a committee consisting in each case of the President and the heads of departments from which the subjects are elected.

The subjects elected may be either general or specializing in character but must always include:

- a. Twelve weeks in the philosophy of education.
- b. The second year of a foreign language for those who have not already received credit for at least two years of foreign language study.

# Graduation and Degrees

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1. A life Certificate and Diploma will be granted to all persons completing the first two years of the college course.

2. The degree of B.Pd. will be granted at the end of the third year.

3. The degree of A.B. will be granted at the end of the fourth year.

## MASTER OF PEDAGOGICS

Provisions are made for taking the Master's degree as follows:

Any one holding the degree of Bachelor of Pedagogics from the Michigan State Normal College, may, upon application, receive the corresponding Master's degree (M.Pd.) upon the following conditions:

1. He shall furnish evidence satisfactory to the Faculty that he has been engaged in teaching or in school supervision continuously and with pronounced success for five years since receiving the Bachelor's degree.

2. He shall prepare and present a thesis acceptable to the faculty, upon some subject connected with the history, science, or art of education; the Faculty reserving the right to assign the subject of such thesis.

## PARTIAL COURSES

Teachers wishing to prepare for the examination for state teachers' certificates may enter any class for which they are fitted without taking one of the regular courses. Furthermore, teachers of some experience and fair scholarship who wish to add to their skill as instructors in special subjects, or grades of subjects—as, for example, high school English, drawing in the grades, music, physical training, science, history, foreign languages—are admitted to such studies as they choose, subject, however, to the direction of the President and heads of departments concerned. In such cases the work done is credited on the books but leads to no certificate, unless one of the full courses is completed.

Persons wishing to take up special studies are subject to the same conditions of admission as other students. (See p. 43.)

Many students for various reasons are not able to complete one of the regular courses without interruption. To these no credits once earned are lost, and there is no objection to their continuing and completing the course at any subsequent time.

## Limited Certificates

Besides the regular courses outlined in the preceding pages, there are two forms of limited certificates given for partial courses.

### I. THREE-YEAR CERTIFICATE COURSE

A *Three-Year Certificate*, renewable for three years, will be given upon the completion by high school graduates of fourteen courses of work, as specified below. This will require one year and one summer term of work. The certificate is good in grades below the tenth. It includes the following courses:

Psychology 1 and 2.....	24 Weeks
Pedagogy .....	12 Weeks
Teaching .....	24 Weeks
Elementary Drawing 1 and 2.....	24 Weeks

Four Teachers' Courses, selected from the following six:

Grammar	} .....	48 Weeks
Arithmetic		
Physiology		
Geography		
History		
Reading		

Three electives from omitted high school subjects  
(see Preparatory Course).....36 Weeks

Except that specializing students may choose three terms of their specialty instead.

Students who take out this limited certificate and who return for the life certificate afterwards will be required to complete (thirty-six weeks) of work for the life certificate.

(1 yr.)



## II. RURAL SCHOOL COURSE

A *three-year certificate*, good for three years and renewable for three years, valid in schools employing not more than two teachers, will be given on completion of the following course:

English Grammar, Composition and literature for the Grades .....	36	Weeks
Reading and Orthoepy (with methods of teaching primary reading) .....	24	"
History of the United States (with methods).....	24	"
Geography (with methods).....	24	"
Arithmetic (with methods).....	24	"
Elementary Algebra.....	24	"
General History.....	24	"
Elementary Physics.....	24	"
Observation and Teaching in the Training School.....	24	"
Botany .....	12	"
Elementary Agriculture .....	12	"
Civil Government.....	12	"
School Management.....	12	"
Psychology .....	12	"
Physiology .....	12	"
Music .....	12	"
Drawing .....	12	"
Penmanship .....	12	"
Physical Training (without credit).....	36	"

## NOTES

1. Teachers of experience in rural school work may receive credit on the above course in accordance with such experience.
2. Pupils who have taken any of the above subjects in high schools may receive credit for the subjects so taken.
3. The course (without credits) will require two years and one term (seven terms of 12 weeks each); or two years and two summer terms (summer terms six weeks each). The greatest amount of credit possible will reduce it to one year—that is, three terms of 12 weeks each.
4. Persons completing the course will receive a certificate valid for three years anywhere in the state in schools employing not more than two teachers. This certificate is renewable once for three years.

5. The Normal College desires to help those who need to prepare for second and third grade certificates. Classes in the necessary subjects are in progress every quarter.

6. Students wishing manual training will be allowed to take it in place of some one of the prescribed subjects under direction of the President.

### ADVANCED CREDITS

Under certain conditions credit for work done elsewhere will be allowed upon courses here, provided that no credits from high schools shall shorten the Two Years' College Life Certificate Course (see p. 47). The Committee on Advanced Standing (see p. 15) may at their discretion allow such standings from the following schools: (1) The University of Michigan, the Agricultural College, and all other regularly incorporated Michigan colleges; (2) institutions of like rank in other states; (3) accepted Michigan high schools; (4) reputable secondary and superior schools in other states.

Candidates bringing standings from any of these schools will first submit them to the Committee on Advanced Standing for credit. These credits should then be reported to the office, and on this basis a classification will be made out.

Candidates for limited certificates must, as soon as possible after classification, secure their credits for work done elsewhere from the several heads of departments, after which these credits must be handed to the clerk for record.

# Directions to Students

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The following regulations apply to all students:

1. Present your credentials at the General Office and receive instructions as to classification.
2. Specializing students are classified by the head of the department in which they wish to specialize. Such classification will not be accepted for record unless signed by the head of the department concerned.
3. A copy of your high school or other standings should be filed early in the office with the clerk. Blanks for this purpose will be supplied on application.
4. After classification, pay your fee to the clerk. She will sign and return to you your classification card.
5. Enroll in your classes without delay. Each of your teachers will sign your card.
6. After having enrolled in all your classes, return your classification card to the clerk.
7. *Leave no classes permanently and make no change in classification without written permission from the President.*
8. After the clerk has signed the classification card all changes must be reported to her and recorded.
9. No student will be permitted to take more than four studies (not including physical training) except by permission of the committee on extra studies. Application for an extra study should be made in writing, with reasons therefor, to the chairman of the committee (see p. 15).
10. No further credit will be given for any subject taken in a high school and repeated here.

11. The college courses cannot be shortened by high school credits. They may be shortened, however, by credits from a college, but not to exceed one year (144 weeks).

12. Students bringing credits beyond the requirements for entrance will receive no advance credit for the first year of a foreign language unless it be followed here by a second year of the same language.

13. Students who are not specializing must take all omitted high school subjects (see p. 46) as electives.

14. All students are required to take four terms of physical training, for which no credit is given.

15. Students receiving conditions should remove them within one year, otherwise such conditions will be counted as failures.

16. Leave your Ypsilanti address at the postoffice and at the Normal office, and report any change.

# SCHEDULE OF CLASSES

## SCHEDULE OF CLASSES - FALL QUARTER

8-9	9-10	10-11	11-12
<p>Algebra, Higher 1            Animal Studies            Arithmetic, Tchrs'.            Blackboard Sketch'g            Botany, Field            Chemistry 1            Civics, Teachers'            Domestic Science and Art (8-10)            Drawing, Elem. 2            Drawing, Tchrs'.            French 1            Geography, Tchrs'.            Geometry, Analyt.            Geometry, Plano 1            Greek 1            Harmony 2            Harmony 4            Hist. of Education 1            History, English 3            History, Modern            Latin 13a            Latin 16            Manual Train. 1(8-10)            Minerals and Rocks            Music, Meth. and Hist. &amp; Lit. of Elements            Physical Education.            Physical Train. 1(w)            Physics 1            Physics, Advanced            Physics, Method in            Physiology, Tchrs'.            Principles of Crit. 1            Psychology 1            Reading, Teachers'            Rhetoric. Elem.</p>	<p>Algebra, Higher 1            Algebra, Higher 2            Applied Design            Arithmetic, Tchrs'.            Chemistry 1 Lab.            Chemistry 4            Drawing, Elem. 1            Geography, Elem.            Geography, Tchrs'.            Geometry, Plane 2            German 7            German 10            Grammar, Tchrs'.            Greek 4            Hist. of Education 2            History, English 1 (High School)            Hist. U. S. Political            Junior Composition            Latin 7            Musical Composition            Music, Elements 1            Naturo Study            Phys. Ed., Teachers'            Physical Train. 1(w)            Physics 1, Lab.            Physics, Method in            Physiology, Tchrs'.            Political Economy            Principles of Crit. 1            Principles of Crit. 2            Psychology 1            Psychology, Adv.            Reading, Tchrs'.            Shakespearean Reading            Sup. Hand Work            Voice Culture</p>	<p>Algebra 2            Algebra, Methods in            Arithmetic, Tchrs'.            Artistic Singing for Adv. Students            Botany, Structural (10-12)            Chemistry, Organic            Chemistry 4, Lab.            Civics, Teachers'            Critical Readings            Domestic Science and Art (10-12)            Drawing, Elem. 1            Form and Composition            Geography, Tchrs'.            German 4            German 13            Grammar, Tchrs'.            Greek 7            Harmony 1            Hist. of Education 2            History, Adv. Eng.            History, Greek            History, Tchrs'.            Junior Composition            Latin 13b            Latin 20            Latin 23            Life Sketching            Manual Train. 4 (10-12)            Music, History of            Nature Study            Phys. Ed., Teachers'            Physical Train. 1(w)            Physics, Method in            Physiography            Physiology, Tchrs'.            Principles of Crit. 1            Psychology 1            Reading, Teachers'</p>	<p>Arithmetic, Tchrs'.            Basket Ball (w)            Chemistry 4, Lab.            CounterPoint 1            Debating            Differential Equations            Drawing, Elem. 1            Elocution 1            English Fiction            French 4            French 7            Geography of America            Grammar, Tchrs'.            Harmony 1            History, Greek            History, Industrial            History, U. S. (rural school)            Laboratory Economy            Latin 4            Latin 10            Life Sketching            Music, Teachers'            Mythology            Pedagogy            Principles of Crit. 1            Physical Laboratory Practice            Physical Laboratory Practice, Advanced 1 and 2            Physical Train. 1(w)            Physical Train. 4(w)            Psychology 1            Tennis(w)            Tennis(w)</p>
<p><b>1-2</b>            Arithmetic Prepar'y            Chemistry 1            Club Swinging (m)            Drawing, Elem. 1            Elocution 2            Geography, Tchrs'.            German 1            History, American            Constitutional            Kindergarten Instruction            Physical Train. 3(w)            Psychology 1            Zoology 1, General (1-3)</p>	<p><b>2-3</b>            Anglo-Saxon            Arithmetic, Tchrs'.            Astronomy            Botany, Cryptogramic            Chemistry 1, Lab.            Drawing, Elem. 1            Geography, Field (2-4)            German 7            Grammar, Tchrs'.            Hist. of Education 2            History, Greek            History, English 3            History, Teachers'            Hockey (w)            Junior Composition            Kinder'n Instruc'n 4            Latin 1            Music (Methods for Primary Grades)            Music, Elements            Physical Train. 1(w)            Physical Train. 4(w)            Principles of Crit. 1            Psychology 1            Psychology 2            Reading, Teachers'            Rhetoric            Tennis(w)</p>	<p><b>3-4</b>            Arithmetic, Tchrs'.            Drawing, Elem. 1            Football (m)            German 1            German 16            Grammar, Prep.            History, English 1            Philosophy, Introduction to            Physical Train. 1(w) 2:45-3:20            Physical Train. 1(w) 3:25-4:00            Physiology, Prep.            Tennis(m)</p>	<p><b>4-5</b>            Football (m)            Physical Train. 4(w)            Physical Train. 7(w)            Tennis(m)            Voice Culture (once each week for col. lege students)</p>

## SCHEDULE OF CLASSES—WINTER QUARTER

8-9	9-10	10-11	11-12
Algebra, Higher 1 Arithmetic, Tchrs'. Botanical Problems Calculus 1 Chemistry 2 Civics, Teachers' Domestic Science and Art 5 (8-10) Drawing, Elem. 2 French 2 Geography, Tchrs'. Geometry, Plane 2 Grammar, Tchrs'. Greek 2 Harmony 2 Hist. of Education 1 History, Eng. 4 History, Greek History, Teachers' Kindergarten--Pri- mary Music Latin 14b Latin 17 Manual Train. 2(8-10) Mechanics of Ex- ercise Music, Methods for Primary Grades. Physical Train. 1(w) Physical Train. 2(w) Physics 2 Physiology, Tchrs'. Principles of Crit. 2 Psychology 2 Reading, Teachers' Rhetoric, Advanced Sight Read'g (music)	Algebra, Higher 1 Algebra, Higher 2 Arithmetic, Tchrs'. Chemistry 2 Lab. Chemistry 5 Drawing, Elem. 1 Drawing, Adv. 2 Drawing, Tchrs'. Form and Compo- sition Geography, Tchrs'. Geometry, Plane 2 German 8 German 11 Grammar, Tchrs'. Hist. of Education 2 History, Adv. Am. History, English 2 (High School) History, XIX Cent. Latin 8 Latin 11 Lt. English 1 Logic Music, Elements 2 Musical Compos'n 2 Phys. Ed., Tchrs'. Physical Training 2 Physics 2, Lab. Physics, Method in Physiology, Tchrs'. Plant Physiology Political Economy Principles of Crit. 2 Psychology 2 Reading, Teachers' Shakespearean Reading Sight Reading and Methods for Piano Students Sup. Hand Work Voice Culture	Acoustics Algebra 2 Algebra 3 Algebra, Higher 1 Arithmetic, Tchrs'. Artistic Singing for Adv'ced Students Blackboard Sketching Botany, Structural (10-12) Chemistry 5 Civics, Teachers' Critical Readings Domestic Science and Art (10-12) Drawing, Elem. 2 Geography of Michigan Geography, Tchrs'. Geology Geom., Methods in German 5 German 14 Grammar, Tchrs'. Greek 5 Harmony 2 Hist. of Education 2 History, Eng. 3 History, Roman History, Teachers' Latin 14a Life Sketching Manual Train. 5 (10-12) Music, History of Nineteenth Century Poetry Phys. Ed., Tchrs'. Phys. Lab. Prac., Adv. Physical Train. 2(w) Physiology, Prep. Principles of Crit. 2 Principles of Crit. 1 Psychology 2 Reading, Teachers' Shakespeare	Basket Ball (w) Blackboard Sketch Chemistry 5, Lab. Civil Government (rural school) Counterpoint Drawing, Elem. 2 French 5 French 8 Geography of Asia, Africa and Aus- tralia Geometry, Solid Analytical Grammar, Tchrs'. Harmony 2 Historic Material Hist., Adv'ced Am. History, Roman History, United States (rural school) Junior Composition Latin 5 Latin 21 Life Sketching Mechanics of Exer- cise Music, Teachers' Mythology XIX Cent. Poetry Pedagogy Physical Lab. Prac. Physical Train. 2(w) Physical Train. 5(w) Physics, Adv. 2 Psychology 2 Reading, Teachers' Trigonometry

1-2	2-3	3-4	4-5
Arithmetic, Pre- paratory Chemistry 2 Drawing, Elem. 1 Drawing, Instru- mental Elocution 2 English Compos'n Geography, Tchrs'. German 1 German 2 Greek 5 Harmony 2 History, American Constitutional Kinder'n Instruc'n 2 Music, Elements 1 Physical Train. 3(w) Zoology, General 2	Algebra 1 Chemistry 2, Lab. Drawing, Elem. 2 Elocution 2 Geography Tchrs'. German 8 Grammar, Tchrs'. Hist. of Education 2 History, Eng. 4 History, Roman History, Teachers' Junior Composition Kinder'n Instruc'n 5 Latin 2 Logic Music, Elements 1 Music, Methods and Elements Middle English Nature Study Pedagogy Phys. Lab. Pr., Adv. Physical Train. 2(w) Physical Train. 5(w) Physiography Physiology, Adv'ced Psychology 1 Psychology 2 Rhetoric, Advanced	Arithmetic, Tchrs'. Drawing, Elem. 1 German 2 German 17 Heavy Gymnastics History, English 2 Hist. of Philosophy Nature Study Physical Train. 1(m) Physical Train. 2(w) 2:45-3:20 Physical Train. 2(w) 3:25-4:00 Psychology 1 Shakespearean Reading	(4-5) Basket Ball (m) Basket Ball (w) Heavy Gymnastics Physical Train. 1(w) Physical Train. 7(w) Physiology, Spec. (w) Track Athletics Voice Culture (once a week for col- lege students)

## SCHEDULE OF CLASSES—SPRING QUARTER

8-9	9-10	10-11	11-12
<p>Animal Studies Algebra, Higher 2 Applied Design Blackboard Sketching, Advanced Botany, Field Calculus 2 Chemistry of Foods Civics, Teachers' Domestic Science and Art (8-10) Drawing, Elem. 2 French 3 French 6 Geography, Tchrs'. Geometry, Plane 3 Grammar, Tchrs'. Greek 3 Harmony 3 Harmony 6 Herbart and Froebel History, English 3 Latin 15 Latin 18 Manual Train. 3 Music, Elements 2 Music, Methods for Primary Grades Nature Study Pedagogy Physical Train. 3(w) Physics 3 Principles of Crit. 1 Reading, Teachers' Rhetoric, Elem. Rhetoric, Advanced</p>	<p>Algebra, Higher 1 Arithmetic, Tchrs'. Chemistry of Foods, Laboratory Counterpoint 3 Drawing, Elem. 2 Drawing, Adv. 2 Drawing, Tchrs'. Form of Composition Geography, Commercial Geography, Tchrs'. Geometry, Tchrs'. Geometry, Solid German 9 German 12 Grammar, Tchrs'. History, Adv. Am. Hist., U. S. Political (High School) Hist. of Education 2 Latin 9 Latin 22 Latin 24 Literature, Eng. 2 Music Composition 3 Nature Study Pedagogy Phys. Ed., Tchrs'. Physics, Methods Physics 3, Lab. Physical Train. 2(w) Physical Train. 3(w) Physiology, Tchrs'. Physiology of Exercise Political Science Principles of Crit. 1 Shakespearean Reading Sup. Hand Work Vocal Culture 3</p>	<p>Arithmetic, Preparatory Artistic Singing for Advanced Students Arts and Crafts Bacteriology (10-12) Chemistry 6 Civics, Teachers' Counterpoint Critical Readings Domestic Science and Art 3 (10-12) Geography, Tchrs'. Geology (10-12) German 6 German 15 Harmony 2 Hist., Adv. English History, Mediaeval History, Tchrs'. History of Mathematics Introduction to Philosophy Latin 12 Latin 19 Life Sketching Man'l Train. 6(10-12) Masterpieces Music, History 3 Pedagogy Phys. Ed., Tchrs'. Phys. Lab. Pr., Adv. Physical Train. 3 (w) Physiology Prep. Principles of Crit. 2 Reading, Teachers' Theory of Education (10-12)</p>	<p>Algebra 4 Blackboard Sketch Chemistry 6, Lab. Civil Government (rural school) Counterpoint 3 Drawing, Elem. 1 Elocution 1 English Fiction French 9 Geography of Europe German 15 Grammar, Tchrs'. Greek 6 Harmony 1 Harmony 3 History, Mediaeval Junior Composition Latin 6 Life Sketching Modern Languages, Teachers' Mythology Musical Form and Analysis for Supervisors Music, High School Methods Oratory Pedagogy Physical Lab. Prac. Physical Train. 6(w) Physics, Advanced 2 Plant Embryology Sociology</p>
1-2	2-3	3-4	4-5
<p>Algebra 1 Bacteriology Blackboard Sketching Chemistry 3 Chemistry of Foods, Laboratory Elocution 2 English Composition Geography, Tchrs'. German 2 German 3 Greek 3 History, Current Kinder'n Instruc'n 3 Music, Elements 2 Pedagogy Physical Training 2(w) Physical Train. 3(w) Vertebrate Structures (1-3)</p>	<p>Algebra 1 Astronomy Botany, Systematic (2-4) Chemistry 3, Lab. Drawing, Instrumental Geography, Field (2-4) German 9 German 9 Grammar, Tchrs'. History, Mediaeval History, English 4 Hockey (w) Junior Composition Latin 3 Music, Kindergarten Music, Methods and Elements Pedagogy Primary-Kindergarten Instruction Psychology 2 Physical Train. 3(w) Physical Train. 6(w) Physiography of the Lands Rhetoric, Advanced</p>	<p>School Supervision Tennis (w) Arithmetic, Tchrs'. Astronomy, Adv. Base Ball (m) Blackboard Sketch German 3 German 18 Grammar, Tchrs'. History, Tchrs'. Hockey (w) Pedagogy Physical Train. 3(w) 2:45-3:20 Physical Train. 3(w) 3:25-4:00 Shakespearean Reading Tennis (m) Track Athletics (m)</p>	<p>Base Ball (m) Greek Art Physical Training 3(w) Physical Train. 3(w) Tennis (m) Track Athletics (m)</p>



# Departments and Courses

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## Drawing

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MISS BERTHA GOODISON.

MISS ANNIE H. OLMSTED.

MISS LOTA H. GARNER.

MISS H. ETHEL CHILDS.

### HIGH SCHOOL COURSES

#### 1. ELEMENTARY DRAWING 1. 12 WEEKS.

This course takes up the study of the following type forms: the sphere, cube, cylinder, square prism, square pyramid, and of objects similar in character. These are studied in various positions and drawn in outline and in light and shade.

Some elementary work is given in line composition and a short time is devoted to the study of Egyptian art and architecture.

Fall, winter and spring quarters.

Fall quarter—Six sections: 9-10, 10-11, 11-12, 1-2, 2-3, 3-4.

Winter quarter—Three sections: 11-12, 1-2, 3-4.

Spring quarter—One section: 1-2.

Room 10. Miss Childs.

#### 2. ELEMENTARY DRAWING 2. 12 WEEKS.

The work in this course is the study of groups in light and shade and water color. Linear perspective, as applied to simple interiors and exteriors, is studied. Drawings of plant forms are also made and used for composition work in line and in light and dark.

Opportunity is given for original design in simple applications, borders, book covers, etc. A brief study of Greek architecture and ornament is also given.

Course 1 must precede Course 2.

Fall, winter and spring quarters.

Fall quarter—One section: 8-9.

Winter quarter—Four sections: 10-11, 11-12, 1-2, 2-3.

Spring quarter—Three sections: 9-10, 10-11, 11-12.

Room 10. Miss Olmsted, Miss Garner.

### COLLEGE COURSES

#### 3. BLACKBOARD SKETCHING 1. 12 WEEKS.

Elementary drawing 1 and 2 or their full equivalent must precede. In this course practice is given in making sketches suitable to use in connection with the different holidays and seasons, and with the teaching of reading, geography, and nature study.

Fall, winter and spring quarters.

Fall quarter—One section: 8-9.

Winter quarter—Two sections: 10-11, 11-12.

Spring quarter—Three sections: 1-2, 11-12, 3-4.

Room 24. Miss Garner, Miss Childs.

#### 4. INSTRUMENTAL DRAWING.

This course includes problems in simple projection and intersection of solids with the development of their surfaces; also instrumental perspective and projection of shadows. Some elementary work is given in mechanical and architectural drawing. Drawing boards, T-squares, triangles and French curves are furnished to pupils taking this course.

Winter quarter—One section: 1-2.

Spring quarter—One section: 1-2.

Miss Childs.

#### 5. APPLIED DESIGN. 12 WEEKS.

The work in applied design is preceded by the study of historic ornament, drawing from nature, and conventionalization.

Simple patterns are first made, adapted to spaces of various shapes. The principles thus learned are applied in the making of original designs for wood-block printing and stenciling on different textiles, suitable for window curtains, pillow tops, portfolios, etc. The tooling of leather and making of bookcovers, table mats, pocketbooks, and other objects suited to the material, are also given.

Elementary Drawing 1 and 2 or their full equivalent must precede.

Fall and spring quarters.

Fall quarter—One section: 9-10.

Spring quarter—One section: 9-10.

Room 14. Miss Olmsted.

6. ADVANCED DRAWING. 12 WEEKS.

Elementary drawing 1 and 2, or their full equivalent, must precede.

Studies from still life in charcoal and water color are first made, followed by drawing from the cast.

Some time is also given to the study of landscape composition in light and dark and in color.

Winter and spring quarters.

Winter quarter—One section: 9-10.

Spring quarter—One section: 8-9.

Room 14. Miss Olmsted.

7. TEACHER'S DRAWING. 12 WEEKS.

Elementary drawing 1 and 2 must precede.

This course takes up the study of methods of teaching drawing in the eight grades. Some time is spent in studying the principles of design to be taught, and in illustrating these principles by means of problems worked out in black and white and in color.

Fall, winter and spring quarters.

Fall quarter—One section: 8-9.

Winter quarter—One section: 9-10.

Spring quarter—One section: 9-10.

Room 9. Miss Goodison.

8. LIFE SKETCHING. 12 WEEKS.

Elementary drawing 1 and 2 and advanced drawing, or their equivalent, must precede.

This class has two hours daily, four days in the week. The work is mainly in pencil from life models. Instruction is also given in figure composition.

Fall and winter quarters.

Fall quarter—One section: 10-12.

Winter quarter—One section: 10-12.

Room 7. Miss Olmsted.

## 9. LIFE SKETCHING 2. 12 WEEKS.

Elementary drawing 1 and 2, advanced drawing and life sketching 1, or their full equivalent, must precede.

In this course studies are made from the head and figure in light and shade and color.

Exercises in original illustrative composition are given, the principles involved being illustrated by reproductions of famous paintings.

Spring quarter—One section: 10-12.

Room 7. Miss Olmstead.

## 10. ADVANCED BLACKBOARD SKETCHING. 12 WEEKS.

This is a continuation of Blackboard Sketching 1, and is intended particularly for students specializing in this department.

The aim of this course is to develop skill and rapidity in execution, and to offer opportunity for making original sketches.

Drawings are made of figures, animals, landscapes and plant forms.

Spring quarter—One section: 8-9.

Room 24. Miss Goodison.

Students who are not specializing in this department may elect Courses 3 to 9 for the third or fourth college year.

# English

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PROFESSOR FLORUS A. BARBOUR

ASSISTANT PROFESSOR ABIGAIL PEARCE

MISS ALMA BLOUNT

MISS ESTELLE DOWNING

MISS EVELYN E. GARDNER

## PREPARATORY COURSE

### 1. GRAMMAR.

An elementary, but systematic course in English Analysis, together with a rapid review of Etymology and Syntax. The course should enable students to pass the county examinations for a Third Grade Certificate, and is preparatory to the study of elementary Rhetoric in the Normal College.

Fall quarter, 3-4. Room 40.

Spring quarter, 3-4. Room 40.

## HIGH SCHOOL COURSES

### 1. ELEMENTARY RHETORIC.

Presupposes preparatory Grammar. The course includes a study of punctuation, figures of speech, diction, sentence-structure, and the development of the paragraph. Simple theme writing is done throughout the course.

Fall quarter, 8-9. Room 40. Mr. Schulte.

Spring quarter, 8-9. Room 42.

### 2. ENGLISH COMPOSITION.

This course is designed for the high school graduates who have had insufficient training in English. Its aim is to lead the student to a more correct and forcible expression of his thoughts, both in speaking and writing. There will be instruction and drill in connection with the most common speech errors, together with an oral discussion of assigned themes, and constant practice in writing. Throughout the course attention will be paid to diction, sentence structure, and paragraphs.

Winter quarter, 1-2. Room 40. Mr. Schulte.

Spring quarter, 1-2. Room 40. Mr. Schulte.

## 3. ENGLISH LITERATURE 1 AND 2.

The courses include an outline history of English Literature, based upon the great forces that have been at work shaping and developing the life of the English People. This historical work is chronological and is illustrated and supplemented by the study of representative classics from different periods. Course 1 extends from the earliest times to the age of Milton; Course 2, from Milton to modern times.

*Course 1*—Winter quarter, 9-10. Room 42. Miss Downing.

*Course 2*—Spring quarter, 9-10. Room 42. Miss Downing.

## COLLEGE COURSES

## 1. PRINCIPLES OF CRITICISM 1.

The elementary principles of literary criticism applied to the study of selections from the American poets. The nature of criticism is considered, the relation of the author to his work, the rhetorical principles of style, and the æsthetic principles underlying literary art. The course presupposes Rhetoric and English Literature 1 and 2.

Fall quarter,        8-9. Section 1. Miss Pearce.  
                           9-10. Section 2. Miss Blount.  
                           10-11. Section 3. Professor Barbour.  
                           10-11. Section 4. Miss Blount.  
                           2-3. Section 5. Miss Downing.  
                           11-12. Section 6. Miss Gardner.

Winter quarter, 10-11. Section 1. Miss Gardner.

Spring quarter, 10-11. Section 1. Miss Gardner.  
                           9-10. Section 2. Professor Barbour.

## 2. PRINCIPLES OF CRITICISM 2.

A study of American prose in accordance with the method suggested for Course 1, and in all cases to be preceded by Course 1. The course is deemed especially valuable as an opportunity for studying different types of prose; the essay, narrative and descriptive (Irving); the essay, meditative and philosophical (Emerson); the short story (Hawthorne and Poe); minute observation (Thoreau); and the oration in Webster's reply to Hayne.

Fall quarter,	9-10.	Section 1.	Professor Barbour.
Winter quarter,	8-9.	Section 1.	Miss Pearce.
	9-10.	Section 2.	Professor Barbour.
	10-11.	Section 3.	Miss Blount.
Spring quarter.			

### 3. NINETEENTH CENTURY POETRY.

This course is introduced by a brief review of the different periods of English Literature. The review is followed by a more particular study of nineteenth century poetry, with special consideration of Shelley, Keats, Tennyson, Browning, Morris and Swinburne.

Winter quarter, 11-12. Room 41. Miss Pearce.

### 4. ENGLISH FICTION.

A short course of lectures upon (1) the history of English fiction and the development of the modern novel; (2) upon the plot, its qualities and technical construction. Special study of different types will follow, particular attention being paid to plot, setting, and character sketching. The aim is to make this course helpful and suggestive not only to high school teachers but also to any teachers of narrative prose.

Fall quarter, 11-12. Room 41. Miss Pearce.

Spring quarter, 11-12. Room 41. Miss Pearce.

### 5. SHAKESPEARE.

A brief course of lectures on the technical construction of the drama, followed by an analytical study of several of Shakespeare's tragedies. Special attention is given to the development of the plot, and to the consistency of the characters with the plot. Teachers of literature in high schools will find the course stimulating and suggestive as a preparation for teaching Shakespeare.

Winter quarter, 10-11. Room 40. Professor Barbour.

### 6. ENGLISH MASTERPIECES.

A study of Carlyle's *Sartor Resartus* and De Quincey's *Opium Eater* as two great types of nineteenth century prose. A study of Spencer's *Philosophy of Style* is also included in the course.

Spring quarter, 10-11. Room 40. Professor Barbour.

7. **ANGLO SAXON.**

Cook's First Book of Old English, followed by a course of lectures upon the history of the English language. The course is considered of especial value to teachers of English Grammar.

Fall quarter, 2-3. Room 44. Miss Blount.

8. **MIDDLE ENGLISH.**

The study of Chaucer in Sweet's Second Middle English Primer, Morris' Prologue and Knight's Tale, and Nun's Priest's Tale; also library references on the course of English Literature from 1066 to 1500 with special emphasis upon the 14th century.

Winter quarter, 2-3. Room 44. Miss Blount.

9. **TEACHERS' GRAMMAR.**

(a) A rapid academic review of the subject in Whitney's Essentials of English Grammar; (b) Professional aspects of teaching the subject in Barbour's "Grammar Teaching; History and Method." It is desirable that psychology should precede the professional work of this course.

Fall quarter, Section 1, 10-11. Room 42. Miss Downing.  
 Section 2, 9-10. Room 41. Miss Pearce.  
 Section 3, 11-12. Room 44. Miss Blount.  
 Section 4, 10-11. Room 41. Miss Pearce.  
 Section 5, 2-3. Room 40. Prof. Barbour.  
 Section 6. 8-9. Room 43. Miss Downing.

Winter quarter, Section 1, 9-10. Miss Pearce.  
 Section 2, 10-11. Miss Pearce.  
 Section 3, 2-3. Professor Barbour.  
 Section 4, 11-12. Miss Blount.  
 Section 5, 9-10. Miss Blount.

Spring quarter, Section 1 8-9. Miss Blount.  
 Section 2, 9-10. Miss Pearce.  
 Section 3, 10-11. Miss Pearce.  
 Section 4, 11-12. Miss Blount.

10. **ADVANCED RHETORIC.**

The work of this course includes a study of models in description, narration, exposition and argument, together with constant practice in writing under these four types of prose structure, and a discussion of the principles under-



lying them. Some attention is also paid to note-taking and outlining themes. The course is especially designed for those who already have some proficiency in writing, and who wish to prepare themselves for teaching composition in grades or high schools; hence some emphasis is laid upon method.

Winter quarter, 2-3. Room 42. Miss Downing.

8-9. Room 42. Miss Downing.

Spring quarter, 2-3. Room 42. Miss Downing.

8-9. Room 42. Miss Downing.

#### 11. JUNIOR COMPOSITION.

This course includes the making of bibliographies; note-taking; the outlining of themes; a study of unity, coherence, and emphasis, as applied to the theme, the paragraph, and the sentence; the discussion of various methods of paragraph development; and a brief study of words for the purpose of arousing interest in vocabulary. Constant practice in writing is given throughout the course.

*Junior Composition is required of all students on the General Course.*

Fall quarter, Section 1, 9-10. Miss Downing.

Section 2, 2-3. Miss Gardner.

Section 3, 10-11. Miss Gardner.

Winter quarter, Section 1, 11-12. Miss Gardner.

Section 2, 2-3. Miss Gardner.

Spring quarter, Section 1, 11-12. Miss Gardner.

Section 2. 2-3. Miss Gardner.

#### DEGREE COURSES

High School Courses 1, 2, and 3, and College Courses 1, 9, and 11 will not be credited on the work of the third or fourth college year. Students not specializing in the English Department may elect in these years any of the other courses offered, after consulting with the head of the department.

Students who are specializing in this department may elect courses 3, 4, 5, 6, 7, and 8 for the third or fourth college year, and collateral work in foreign languages, history, reading and public speaking, after consultation with the head of the department.

The course in Mythology offered by the department of Latin and Greek is specially recommended to all students specializing in English. This course is repeated each quarter.

Courses 5, 6, 7, and 8 may be considered as distinctly fourth year courses for students who plan to take the degree of A.B. All students in the third or fourth year who desire to elect courses in English should consult freely with the head of the department. Special consideration will be given to each student, and courses to be elected will depend upon the department in which the student is specializing, or upon his previous studies in language and literature.

# Geography

PROFESSOR MARK JEFFERSON

NOTE.—Students who wish four courses in Geography should all take 3, and either 4, 5, and 6, or two of them with 7 or 8 if preferred.

## PREPARATORY COURSE

### 1. ELEMENTARY GEOGRAPHY. 12 WEEKS.

The course will take up the distribution of physical, climatic and political regions of the earth with Tarr and McMurry's Third Book as a text.

Fall quarter, 10-11. Room 18. Mr. Parkins.

## HIGH SCHOOL COURSE

### (PHYSICAL GEOGRAPHY.) 12 WEEKS.

Credit from high schools. All non-specializing students who have not had a course in Physical Geography are required to take Teachers' Geography.

### 2. COMMERCIAL GEOGRAPHY. 12 WEEKS.

This course treats of the geographic control on the production and exchange of such commodities as cotton, wheat, iron, copper, wool and manufactured articles, to develop the principles underlying and guiding commercial activities. Adams' Commercial Geography.

Spring quarter, 10-11. Mr. Parkins.

## COLLEGE COURSES

### 3. TEACHERS' GEOGRAPHY. 12 WEEKS.

This course is designed to prepare students for teaching geography in the public schools as far as its subject matter is concerned. It deals with the study of weather and climate, the making and reading of maps and the distribution of man over the earth with its broad grounds in the distribution of plants and in climatic features.

Each quarter, 8-9, 9-10, 10-11, 1-2 and 2-3, in winter. Rooms 21 and 18. Professor Jefferson and Mr. Parkins.

4. GEOGRAPHY OF AMERICA. 12 WEEKS. Course 3 is pre-requisite. A study of the culture, power, commerce and physical habitat of the chief nations of North and South America, with comparisons.  
Fall quarter, 11-12. Room 21. Professor Jefferson.
5. GEOGRAPHY OF ASIA, AUSTRALIA AND AFRICA. 12 WEEKS. Course 3 is pre-requisite. A study of the culture, power, commerce and physical habitat of the chief nations of these continents, with comparisons among them.  
Winter quarter, 11-12. Room 21. Professor Jefferson.
6. GEOGRAPHY OF EUROPE. 12 WEEKS. Course 3 is pre-requisite. A study of the culture, power, commerce and physical habitat of the chief European nations, with comparisons between them.  
Spring quarter, 11-12. Room 21. Professor Jefferson.
7. PHYSIOGRAPHY OF THE LANDS. 12 WEEKS. Course 3 is pre-requisite.  
Preparation for teaching Physical Geography in high schools.  
This is an advanced course in physical geography dealing with the forms of the surface of the lands, and the processes by which they take and change these forms. Davis' Physical Geography is used as a text.  
Fall quarter, 9-10, winter quarter 10-11, spring quarter 2-3. Room 18. Mr. Parkins.
8. FIELD GEOGRAPHY, TEACHERS' COURSE. 12 WEEKS. Course 3 is pre-requisite.  
A course in Physiography for students who are able to do a good deal of walking. Others should be content with 7. More than half the exercises are conducted in the open air. Fall and Spring quarter, 2-4. Students must reserve the whole afternoon, as occasional excursions will last till 6 p. m. Professor Jefferson.

#### DEGREE COURSES IN GEOGRAPHY

Courses 1, 2, and 3 will not be credited on the work of the third or fourth college year.

Students satisfactory to the head of the department may elect 4, 5, 6, 7, and 8 for the third or fourth college year.

Distinctively fourth year courses are 7 and 8.

# German and French

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PROFESSOR RICHARD CLYDE FORD

MISS IDA FLEISCHER,

MISS MARY JOY LOMBARD

## GENERAL STATEMENT

The library of the department comprises about 1,000 volumes, besides a number of the leading pedagogical and literary journals of both languages, which are on file in the reading room of the College.

From time to time through the year informal lectures are given to students of the department on subjects relating to the politics, geography, history and literary life of France and Germany.

## PRACTICE TEACHING

Special students of the department will have opportunity to do their teaching in the German classes of the High School section of the Training School.

## SCHOLARSHIP

A gift of the Hon. Peter White, of Marquette, now deceased, has made it possible for the department to award annually for five years \$25 to some student of merit in courses in French. The sum first became available in 1905, and was awarded to Miss Elizabeth Beal Steere, of Ann Arbor. In 1906 the scholarship was divided between Miss Vida Billings and her sister, Miss Daisy Billings; in 1907 it was awarded to Miss Jean McKay; in 1908 to Miss Claribel Glass and Miss Nelle Marwick.

## THE B.P.D. AND THE A.B. DEGREES

Candidates for the above degrees, and specializing in this department, may elect courses: German—10, 11, 12, 13, 14, 15; French—7, 8, 9, 10, 11, 12, for the third or fourth college year.

Candidates not specializing, may elect anywhere according to requirements of their preparation.

## German

### 1. FALL QUARTER.

Pronunciation; grammar (Joynes-Meissner or Thomas); conversation; sentence building; easy reading.

Two sections.

(a) Miss Lombard, 3-4. Room 46.

(b) Dr. Ida Fleischer, 1-2. Room 22.

### 2. WINTER QUARTER.

Grammar; conversation; written work; reading.

(a) Miss Lombard, 3-4. Room 46.

(b) Dr. Ida Fleischer, 1-2. Room 22.

A beginner's class is also started in the winter quarter.

### 3. SPRING QUARTER.

Reading; composition; grammar.

(a) Miss Lombard, 3-4. Room 46.

(b) Dr. Ida Fleischer, 1-2. Room 22.

The work of this year is intended to give the student a good pronunciation and make him acquainted with the elements of the grammar and colloquial expression. The amount of matter read will approximate 250 pages and will be chosen from beginning readers and easy stories. Among the latter Grimm's *Märchen*, *Edelsteine*, (Ginn & Co.), *Erzählungen*, *Blüthgen's* stories, may be regarded as typical. There will also be outside reading in English on subjects relating to modern Germany.

The work of the year is preparatory and treated as follows:

Beginning work through one year, if taken here, or in an institution of equal grade, is credited.

Beginning work through one year, if taken in addition to the high school work required for entrance, will be credited **ONLY WHEN FOLLOWED BY AN ADDITIONAL YEAR HERE.**

## HIGH SCHOOL COURSES

### 4. FALL QUARTER.

Review grammar (Part 1, Thomas). Reading matter chosen from such texts as Heyse's *L'Arrabbiata* and Baum-

bach's *Der Schwiegersohn*, Heyse's short stories, etc., etc. Written work; conversation.

(b) Dr. Ida Fleischer, 10-11. Room 22.

5. WINTER QUARTER.

Reading of prose continued. Meyer's *Der Schuss von der Kanzel*; Gustav Adolf's *Page*, etc. Dr. Ida Fleischer, 10-11. Room 22.

6. SPRING QUARTER.

Vilmar's *Nibelungen*, Sudermann's *Teja*, etc.; modern prose, etc. Dr. Ida Fleischer, 10-11. Room 22.

In this year the student is introduced to real literature as such, and a constant endeavor is made to cultivate a literary appreciation of the authors studied. At the same time work in grammar and composition is emphasized in order to fix thoroughly in the learner's mind the structural features of the language. Miscellaneous readings in English are continued.

7. FALL QUARTER.

Two sections.

(a) Scheffel's *Trompeter von Saekkingen*; review of grammar; written work. Dr. Ida Fleischer, 9-10. Room 22.

(b) Heine's *Prosa und Lyrik*, etc. Dr. Ida Fleischer, 2-3. Room 22.

8. WINTER QUARTER.

(a) Tombo's *Deutsche Reden*; sight reading. Dr. Ida Fleischer, 9-10. Room 22.

(b) Kleist's *Michael Kohlhaas*; poetry; conversation. Dr. Ida Fleischer, 2-3. Room 22.

9. SPRING QUARTER.

(a) Reading of German periodicals, or study of historical prose; conversation. Dr. Ida Fleischer, 9-10. Room 22.

(b) Reading of German periodicals; conversation. Dr. Ida Fleischer, 2-3. Room 22.

The work of courses 7, 8, 9 is a continuation both in spirit and matter of the preceding year. Only enough grammar work is done to make the text intelligible, the emphasis of instruction being laid on extensive reading. Research work in English and German is now required.

## COLLEGE COURSES

## German Literature of the Nineteenth Century

## 10. FALL QUARTER.

Study of German poetry, ballads and lyrics. Professor Ford, 9-10. Room 50A.

## 11. WINTER QUARTER.

The study of fiction, based on such examples as Hauff's *Lichtenstein*, Scheffel's *Elkehard*, and Freytag's *Soll und Haben*; prose composition.

## 12. SPRING QUARTER.

German literature under the Empire; prose composition. Professor Ford, 9-10. Room 50A.

A suitable *Literaturgeschichte* will be used as an outline, illustrated by other texts, which will be studied in class. Each student will also be expected to make himself familiar with some special author whom he will read and report upon.

## German Literature of the Classic Period

## 13. FALL QUARTER.

Study of Lessing, Wieland and Herder. Professor Ford, 10-11. Room 50A.

## 14. WINTER QUARTER

Schiller and his work. Professor Ford, 10-11. Room 50A.

## 15. SPRING QUARTER.

German literature of today. Study of some of the leading modern writers. Professor Ford, 10-11. Room 50A.

## German Seminar

A Seminar course in the history and development of the German language and literature is planned to run through a year. The work may well be taken by all teachers of German who desire an insight into the development of German grammar and the language.

## 16. FALL QUARTER.

Study of the literature of the Middle High German period; grammar and reading. Professor Ford, 3-4. Room 50A.

## 17. WINTER QUARTER.

The *Nibelungen*; literature of the 12th, 13th and 14th centuries. Professor Ford, 3-4. Room 50A.



## 18. SPRING QUARTER.

German literature in the time of the Reformation; study of texts. Professor Ford, 3-4. Room 50A.

## 19. 'TEACHERS' COURSE. SPRING QUARTER.

History and methods of modern teaching. Discussion of the questions of technical grammar, etc. Professor Ford, 11-12. Room 50A.

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In 1909-10 there will be a special class in *Scientific German* the first two terms of the year, if a sufficient number apply for it. Students with a preparation of one year or more will be admitted to the class.

## French

### HIGH SCHOOL COURSES

## 1. FALL QUARTER.

Pronunciation; grammar; reading.

(a) Professor Ford, 8-9. Room 50A.

## 2. WINTER QUARTER.

Grammar continued; written exercises and conversation; reading.

(a) Professor Ford, 8-9. Room 50A.

## 3. SPRING QUARTER.

Irregular verbs; written exercises; reading.

(a) Professor Ford, 8-9. Room 50A.

In this year of French particular attention is paid to the matter of pronunciation and the elementary principles of the grammar and colloquial expression. From 300 to 400 pages of matter are read, chosen from such texts as Aldrich and Foster's *French Reader*, Bruno's *Le Tour de la France*. Halévy's *L'Abbé Constantin*. Dumas' *La Tulipe Noire*, George Sand's *La Petite Fadette*. Labiche et Martin, *Le Voyage de M. Perrichon*. There will also be reading in English on subjects relating to modern France.

### COLLEGE COURSES

## 4. FALL QUARTER.

Review of grammar; reading, with written work and conversation. 11-12. Room 50A.

## 5. WINTER QUARTER.

Grammar; composition; reading. 11-12. Room 50A.

## 6. SPRING QUARTER.

Syntax; composition; reading. 8-9. Room 50A.

The reading of this year is taken from such texts as Mérimée's *Colomba*, About's *Le Roi des Montagnes*, Sarcy's *Le Siège de Paris*, *Historiettes Modernes* and Hugo's *Quatre-vingt-treize*, supplemented with sight reading from modern writers, and outside matter in English.

## 7. FALL QUARTER.

First 160 pages of Duval's *Histoire de la Littérature Française*; Molière's *Les Femmes Savantes*; Corneille's *Polyeucte*; Racine's *Esther*. Professor Ford. Room 50A.

## 8. WINTER QUARTER.

Duval's *Histoire*, etc. Pages 160-263. Letters of Madame de Sévigné's; Voltaire's prose. Professor Ford. Room 50A.

9. Duval's *Histoire de la Littérature Française* concluded. Lamartine's *Scènes de la Révolution Française*; Hugo's *Hernani*; Musset's *Comédies*; Hugo's *Les Misérables*. Professor Ford. Room 50A.

The year's work as outlined in the preceding courses is planned to give the student a systematic review of French literature since the 16th century. The main periods and authors are carefully outlined and studied, and the literary currents setting into the subsequent centuries are followed up.

## 10, 11, 12. FOR ADVANCED STUDENTS.

The seminar method will be pursued in these courses, and the work will embrace studies in the history and development of the French language and grammar; the French element in English, with special readings in literature.

# History

PROFESSOR JULIA ANNE KING

ASSISTANT PROFESSOR MARY B. PUTNAM

MISS FLORENCE SHULTES

MISS BERTHA G. BUELL

## RURAL SCHOOL COURSES

Classes are organized in United States history and civil government for students needing elementary work in these subjects. See schedule of classes.

Students desiring general history will classify in the ancient history classes in the Normal High School.

## HIGH SCHOOL COURSES

1. HISTORY OF ENGLAND 1 AND 2. 24 WEEKS.

Text-book: Montgomery. Begins fall quarter, 2-3. The second half of the course, winter quarter, 2-3. Room 45.

2. POLITICAL HISTORY OF THE UNITED STATES. 12 WEEKS.

Course 2 presupposes Course 1, or an equivalent. Text-book: McLaughlin. Fall and Spring quarters, 9-10. Room 48. Miss Buell.

## COLLEGE COURSES

(a) Courses 4, 10, 13, 14, in the order specified, are named for general students who elect four courses in history. English history not taken in the high school will be required. In such case, or if the student wishes but two, he may elect those for which he is prepared from 1-14 inclusive, except 10 and 11.

(b) Courses 5, 6, 7, 8 may be elected early in the course by specializing students.

1. HISTORY OF ENGLAND 3 AND 4. 24 WEEKS.

Only graduates from twelve grade schools who have not included English history in their course will be admitted to this course. Text-book: Walker. Begins each quarter. Room 48. Miss Buell.

2. CURRENT HISTORY. 12 WEEKS.

The work takes up for research and discussion some of the important social topics of the day. Spring quarter, 1-2. Room 45. Assistant Professor Putnam.

## 3. NINETEENTH CENTURY EUROPE. 12 WEEKS.

This course completes a general survey of history offered in 4, 5, 6, 7. Text-book: West, with assigned topics for library. Winter quarter, 9-10. Room 48. Miss Buell.

## 4. HISTORY OF GREECE TO THE CONQUEST BY THE ROMANS. 12 WEEKS.

Text-book: West's Ancient History, with assigned reading. Fall quarter, 10-11, 11-12, and 2-3. Room 47. Miss Shultes.

## 5. ROME TO FALL OF ROMAN EMPIRE. 12 WEEKS.

Supplementary to Course 4. It is urged that Courses 5 and 4 follow each other in the order named. Winter quarter, 10-11, 11-12, 2-3. Room 47. Miss Shultes.

## 6. MEDIAEVAL HISTORY OF EUROPE FROM 400 TO 1500. 12 WEEKS.

Text-book: Bourne, with assigned reading. Spring quarter, 10-11, 11-12, 2-3. Room 47. Miss Shultes.

## 7. MODERN EUROPE FROM 1500-1800. 12 WEEKS.

Text-book: Schwill, with assigned reading. Fall quarter, 8-9. Room 47. Miss Shultes.

## 8. ADVANCED COURSE IN ENGLISH HISTORY. 12 WEEKS.

This course is designed for students from the high schools who desire to give out a limited time to history. It presupposes Course 1. Fall and Spring quarters, 10-11. Room 48. Miss Buell.

## 9. ADVANCED COURSE IN AMERICAN HISTORY. 12 WEEKS.

This course is designed for the graduates from high schools and presupposes Course 2 or an equivalent. The work is arranged with special reference to teaching the subject. Winter quarter, 9-10. Room 45. Assistant Professor Putnam. Spring quarter, 9-10. Room 48. Miss Buell.

## 10. TEACHERS' HISTORY. 12 WEEKS.

Course 10 presupposes such knowledge as may be gained from the usual high school courses. Some knowledge of psychology is also desirable. Lectures, discussions, assigned reading, and the handling of primary material. Each quarter, 10-11 and 2-3. Room 49. Professor King.

## 11. TEACHERS' CIVICS. 12 WEEKS.

Course 11 presupposes a knowledge of the facts of civil government and Courses 1 and 2, or an equivalent. Lec-

tures, with assigned reading. Each quarter, 8-9 and 10-11. Room 45. Assistant Professor Putnam.

12. POLITICAL ECONOMY. 12 WEEKS.

Text-book; supplemented by discussions, and written reports. Fall quarter, 9-10. Room 45. Assistant Professor Putnam.

13. POLITICAL SCIENCE. 12 WEEKS.

Course 13 presupposes Course 11, in which the student must have shown aptitude for the study. Lectures, with assigned topics for investigations. Spring quarter, 9-10. Room 45. Assistant Professor Putnam.

14. STUDY OF SOCIETY. 12 WEEKS.

Course 14 discusses the principles of society, especially their bearing upon education. It presupposes some knowledge of history and of methods of investigation. The course follows a brief text-book, supplemented by library reading, discussion, and written reports. Spring quarter, 11-12. Room 49. Professor King.

15. INDUSTRIAL HISTORY. 12 WEEKS.

Text-book, supplemented with research work. Fall quarter, 11-12. Room 49. Professor King.

16. POLITICAL AND CONSTITUTIONAL HISTORY OF ENGLAND. 24 CONSECUTIVE WEEKS.

Course 16 presupposes such knowledge of English history as may be gained from College Courses 1 and 8.

The course follows outlines arranged for library work. Discussions and written reports. Winter and spring quarters, 8-9. Room 47. Miss Shultes. Not given in 1909-10.

17. FORMATION AND DEVELOPMENT OF THE CONSTITUTION OF THE UNITED STATES. 24 CONSECUTIVE WEEKS.

Course 17 makes an intensive study, using largely source material. Discussions and reports. Fall and winter quarters, 2-3. Room 45. Assistant Professor Putnam.

18. HISTORICAL MATERIAL. 12 WEEKS.

Course 18 presupposes Course 10. Class teaching from source material, research, and written exposition. Winter quarter, 11-12. Room 49. Professor King.

## 19. SOCIOLOGY.

Course 19 presupposes a good knowledge of history and Course 14. The work will be largely research work. The hours will be arranged with the instructor.

## 20. PHILOSOPHY OF HISTORY.

Course 20 presupposes Course 10. Lectures with assigned topics for reading and discussion. Hours to be arranged with the instructor.

**DEGREE COURSES**

Courses 1 to 9, inclusive, will not be credited on the work of the third and fourth college years.

Students specializing in history may elect from Courses 12 to 20, inclusive, for third and fourth years' work.

Students not specializing in history may elect from the courses credited on degrees any work for which they are prepared.

Courses 16 to 20, inclusive, are regarded as distinctively fourth year work.

# Latin and Greek

PROFESSOR BENJAMIN L. D'OOGHE

MISS HELEN B. MUIR

MR. ORLAND O. NORRIS

## Latin

### PREPARATORY COURSES

1. BEGINNERS' LATIN.  
Fall quarter, 2-3. Room 36. Miss Muir.
2. BEGINNERS' LATIN.  
Winter quarter, 2-3. Room 36. Miss Muir.
3. BEGINNERS' LATIN AND VIRI ROMAE, OR SECOND YEAR LATIN.  
Spring quarter, 2-3. Room 36. Miss Muir.

Courses 1-3 are preparatory to all that follow, and are credited as follows:

(a) Students who have had no Latin may begin it here, and their work will be credited on the electives of their Normal Course.

(b) Students who have taken the first year of Latin in addition to the high school work required for entrance will receive no advance credits for the same unless it be followed by a second year here.

Students who wish to specialize in Latin and who remain but two years should aim to take four years of Latin before coming to this institution.

### HIGH SCHOOL COURSES

4. SECOND YEAR LATIN, AND LATIN COMPOSITION.  
Fall quarter, 11-12. Room 36. Miss Muir.
5. CAESAR AND LATIN COMPOSITION.  
Winter quarter, 11-12. Room 36. Miss Muir.
6. CAESAR AND LATIN COMPOSITION.  
Spring quarter, 11-12. Room 36. Miss Muir.
7. CICERO AND LATIN COMPOSITION.  
Fall quarter, 9-10. Room 35. Mr. Norris.

8. CICERO AND LATIN COMPOSITION.  
Winter quarter, 9-10. Room 35. Mr. Norris.
9. OVID.  
Spring quarter, 9-10. Mr. Norris.
10. OVID.  
Fall quarter, 11-12. Room 34. Professor D'Ooge.
11. VERGIL.  
Winter quarter, 9-10. Room 34. Professor D'Ooge.
12. VERGIL.  
Spring quarter, 10-11. Room 34. Mr. Norris.

### COLLEGE COURSES

13. LIVY AND LATIN COMPOSITION (2 sections).  
Fall quarter, 8-9 and 10-11. Room 35. Mr. Norris.
14. LIVY AND LATIN COMPOSITION OR CICERO'S ESSAYS (2 sections).  
Winter quarter, 8-9 and 10-11. Room 35. Mr. Norris.
15. LATIN SELECTIONS.  
Spring quarter, 8-9. Room 35. Mr. Norris.
16. HORACE.  
Fall quarter, 8-9. Room 34. Professor D'Ooge.
17. HORACE.  
Winter quarter, 8-9. Room 34. Professor D'Ooge.
18. LATIN COMEDY.  
Spring quarter, 8-9. Room 34. Professor D'Ooge.
19. LATIN WRITING 1 (3 times, 12 weeks' credit).  
Spring quarter, 10-11. Room 34. Professor D'Ooge.  
This course is open to such only as have had at least four years of the language. It is designed to meet the needs of those who look forward to teaching Latin, and combines drill in the translation of connected English into idiomatic Latin with a thorough review of syntax.
20. LATIN SIGHT READING (2 times, 6 weeks' credit).  
Fall quarter, 10-11. Room 34. Professor D'Ooge.  
This course is open to such only as have had at least four years of Latin. It affords systematic drill in the building of a vocabulary, and in the principles underlying the structure of the Latin sentence, so that the peculiarities of order may become thoroughly familiar and progress in reading be easier and more rapid.



## 21. TEACHERS' COURSE IN CAESAR, CICERO AND VERGIL.

Winter quarter, 11-12. Room 34. Professor D'Ooge.

This course is required of all who expect to teach Latin and is open to such only as have had at least five years of the language. The lectures present: (1) a brief history of the Latin language and its relation to other languages; (2) the justification of Latin in the secondary school; (3) problems and methods of teaching secondary Latin; (4) pronunciation, quantity, prosody; (5) a general bibliography and a consideration of the best text-books; (6) ancient books and the general principles of textual criticism. Students who are specializing may take this course as one of the required teachers' courses.

## 22. HISTORICAL LATIN GRAMMAR (2 times, 6 weeks' credit).

Spring quarter, 9-10. Room 34. Professor D'Ooge.

Course 22 is open only to those who have had at least five years of Latin.

## 23. LATIN WRITING 2 (2 times, 6 weeks' credit).

Fall quarter, 10-11. Room 34. Professor D'Ooge.

Course 23 is an advanced course and presupposes a credit in Latin Writing 1. While the latter has most to do with matters of syntax, the former is devoted to a study of style and diction.

## 24. LATIN INSCRIPTIONS (2 times, 6 weeks' credit).

Spring quarter, 9-10. Room 34. Professor D'Ooge.

Course 24 is an advanced course, is conducted as a seminar, and is open only to ten students; it may be elected only by such as obtain special permission from the head of the department.

Students specializing in Latin should take at least a year of Greek if possible.

## Greek

### HIGH SCHOOL COURSES

## 1. BEGINNERS' GREEK.

Fall quarter, 8-9. Room 36. Miss Muir.

## 2. BEGINNERS' GREEK.

Winter quarter, 8-9. Room 36. Miss Muir.

## 3. BEGINNERS' GREEK AND ANABASIS.

Spring quarter, 8-9. Room 36. Miss Muir.

## 4. ANABASIS AND GREEK COMPOSITION.

Fall quarter, 9-10. Room 34. Professor D'Ooge.

## 5. ANABASIS AND GREEK COMPOSITION.

Winter quarter, 10-11. Room 35. Professor D'Ooge.

## 6. HOMER'S ILIAD.

Spring quarter, 11-12. Room 35. Professor D'Ooge.

The above six courses (2 years) of Greek are often taken in the preparatory work of high school, and are therefore called High School Courses. Students, however, who have had no Greek and wish to begin it here may elect it and it will be credited on the electives of the Normal course.

## COLLEGE COURSES

## 7. HOMER'S ODYSSEY.

Fall quarter, 1-2. Room 36. Miss Muir.

## 8. HOMER'S ODYSSEY. LYSIAS AND GREEK COMPOSITION.

Winter quarter, 1-2. Room 36. Miss Muir.

## 9. LYSIAS AND GREEK COMPOSITION.

Spring quarter, 1-2. Room 36. Miss Muir.

No student may take up Greek who has not had at least one year of Latin. It is so important an adjunct of Latin that all who are preparing to teach the latter are strongly urged to take at least one year of Greek. A fair reading knowledge can be obtained in that time.

## COURSE IN GREEK ART

## 1. GREEK ART AND ARCHÆOLOGY FOR BEGINNERS (2 times).

Spring quarter, 4-5. Room 34. Professor D'Ooge.

This course is open not only to classical students but also to others. The work is popular in character and aims to give, in a simple manner, such information in ancient art and architecture as every intelligent teacher should have. The course will be given by lectures and illustrated by the stereopticon.

## COURSE IN MYTHOLOGY

The course in Mythology is not only open to students of this department, but is specially designed to acquaint the non-clas-

sical student with the general field of classical, especially Greek mythology. The poet's and artist's use of classic myths is made the basis of selection for study. In recognition of the large place that modern educational theory assigns to the myth in elementary education, considerable attention is given to laying a sound basis for its use in the educative process. Much attention is given to the relation of mythology to religion, and of both to social conditions, the effort being to discover the psychic motives out of which the myth arises, and the secret of the perennial appeal of the Greek myths to their own and other peoples. It is held that a correct appreciation of the original nature of the myth in its genesis and growth is essential to an intelligent use of it as an educative instrument. Readings, recitations, and discussions. Each quarter, 11-12. Room 35. Mr. Norris.

### PRACTICE TEACHING

Students preparing themselves for teaching Latin and Greek are given unusual advantages for practice teaching in the eighth, ninth, and tenth grades of the Training School under the supervision of a trained specialist.

### CANDIDATES FOR DEGREES

Students who are candidates for degrees and are specializing in this department may elect in Greek any of the courses offered, and in Latin any course above Course 6 for the work of the third or fourth college year.

Students not specializing may elect any of the work offered either in Greek or in Latin for the third or fourth college year.

Students who have finished the courses offered above and wish to continue further will be directed in their work by the head of the department.

### LIBRARY AND ILLUSTRATIVE MATERIAL

The department has a well-equipped classical library of more than a thousand volumes, representing standard authorities in English, French and German. Large accessions to this collection are being made year by year, and the facilities of this nature are ample for all our purposes of study and investigation. Strong

emphasis is laid upon collateral reading in connection with all classical authors. The department is also well supplied with maps, charts, and photographs, of which constant use is made, and additional illustrative material has recently been provided in the shape of a large collection of lantern slides.

# Mathematics

PROFESSOR ELMER A. LYMAN

ASSOCIATE PROFESSOR JOHN C. STONE

MISS ADA A. NORTON

WEBSTER H. PEARCE

MISS JENNIE L. MATTESON

## PREPARATORY COURSE

### 1. PREPARATORY ARITHMETIC. 12 WEEKS.

A thorough drill in the fundamental parts of Arithmetic. The aim of this course is to secure rapidity and accuracy in computing. Fall and winter quarters. Room 55. Mr. Pearce and Miss Matteson.

## HIGH SCHOOL COURSES

The following courses are required of all regular four years' course students:

### 2. ALGEBRA 1. 12 WEEKS.

Elementary algebra through factoring. Fall and spring quarters. Room 31. Miss Matteson.

### 3. ALGEBRA 2. 12 WEEKS.

A continuation of Algebra 1 through equations of the first degree with two unknown quantities. Fall and winter quarters. Room 31. Miss Matteson.

### 4. ALGEBRA 3. 12 WEEKS.

A continuation of Algebra 1 and 2 to quadratic equations. Winter and spring quarters. Room 55. Miss Norton and Miss Matteson.

### 5. ALGEBRA 4. 12 WEEKS.

Algebra completed through quadratic equation. Fall and spring quarters. Room 55. Mr. Pearce and Miss Matteson.

### 6. PLANE GEOMETRY 1. 12 WEEKS.

An elementary course in plane geometry through rectilinear figures. Fall and spring quarters. Room 31. Mr. Pearce.

## 7. PLANE GEOMETRY 2. 12 WEEKS.

A continuation of Course 6. Fall and winter quarters.  
Room 31. Mr. Pearce.

## 8. PLANE GEOMETRY 3. 12 WEEKS.

Room 31. Mr. Pearce.

## 9. SOLID GEOMETRY. 12 WEEKS.

Room 31. Mr. Pearce.

## COLLEGE COURSES

## 10. TEACHERS' ARITHMETIC. 12 WEEKS.

This course is carried on partly by lectures on the history and pedagogy of the subject, and partly by a review of the typical parts of the subject. This course must be preceded by all of the high school courses given above. Offered each quarter. Room 54, Professor Lyman. Room 30, Associate Professor Stone. Room 55, Miss Norton.

## 11. METHODS IN GEOMETRY. 12 WEEKS.

A review of plane and solid geometry. Special attention will be paid to the methods and presentation of the subject. Winter quarter. Room 54. Professor Lyman.

## 12. HISTORY OF MATHEMATICS. 12 WEEKS.

This course is designed to show the student how the subjects he is to teach have developed. Students have access to the large collection of books in the library. Spring quarter. Room 55. Miss Norton.

## 13. TRIGONOMETRY. 12 WEEKS.

An elementary course in plane and spherical trigonometry. Presupposes all high school courses. Each quarter. Room 30. Mr. Pearce and Miss Matteson.

## 14. HIGHER ALGEBRA 1. 12 WEEKS.

Besides giving a more comprehensive view of elementary algebra than could be given in Courses 2, 3, 4, 5, a thorough study is made of the idea of a function, the remainder theorem, symmetry, variation, the progressions, determinants, and the graph. Presupposes all the high school courses. Each quarter. Room 30, Associate Professor Stone. Room 55, Miss Norton.

## 15. HIGHER ALGEBRA 2. 12 WEEKS.

An advanced college course, including additional work on

the theory of the equation. Winter and spring quarters.  
Associate Professor Stone.

16. ANALYTICAL GEOMETRY. 12 WEEKS.  
An elementary course in analytical geometry. Presupposes all the previous courses except 10, 11, and 12. Fall quarter. Room 54. Professor Lyman.
17. DIFFERENTIAL CALCULUS. 12 WEEKS.  
Presupposes Course 16. Winter quarter. Room 54. Professor Lyman.
18. INTEGRAL CALCULUS. 12 WEEKS.  
Spring quarter. Room 54. Professor Lyman.
19. THEORY OF EQUATIONS. 12 WEEKS.  
This course presupposes Courses 13, 14, and 15. Spring quarter. Room 30. Associate Professor Stone.
20. SOLID ANALYTICAL GEOMETRY. 12 WEEKS.  
An elementary course in solid analytical geometry. Presupposes all the above courses except 10, 11, 12, and 19. Room 54. Professor Lyman.
21. DIFFERENTIAL EQUATIONS. 12 WEEKS.  
Room 54. Professor Lyman.
22. THEORETICAL MECHANICS. 12 WEEKS.  
Room 54. Professor Lyman.
23. MATHEMATICAL READING. Time and credit to be arranged.  
Room 54. Professor Lyman.

#### DEGREE WORK IN MATHEMATICS

The courses in Algebra 3 and 4, Plane and Solid Geometry will not be credited on the work of the third or fourth college year.

Students who are specializing in this department may elect Courses 19-23 inclusive for the third or fourth college year.

Students who are not specializing in this department may elect from Courses 11-18 inclusive for the third or fourth college year.

The course in Mathematical Reading (23), is distinctly a fourth year course.

# Music

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PROFESSOR FREDERIC H. PEASE

MISS CLYDE E. FOSTER

MISS RUTH PUTNAM

MR. MINOR E. WHITE

MISS VIVIAN GILPIN.

## HIGH SCHOOL COURSES

### 1. ELEMENTS OF MUSIC 1. 12 WEEKS.

Text-book; Pease and Lawrence's Choral Instruction Course. Summer quarter 8-10 and spring quarter 9-10. Winter and fall quarters 2-3. Mr. White. No credit given unless Elements 2 is also taken.

As the foundation of all future study is laid in this class it should be considered of more importance than any other.

The work consists of a careful development of the theory of music and of musical notation, together with practical study of sight-reading, voice and ear training.

### 2. ELEMENTS OF MUSIC 2. 12 WEEKS.

Same text-books as in 1. Summer quarter 2-4 and spring quarter 8-9. Winter quarter 9-10. Mr. White. For elements of Music 1 and 2 a credit of 24 weeks is given to college students.

Both classes strongly recommended to college students who wish to obtain as much study of music as possible, consistent with their college courses.

## COLLEGE COURSES

### 3. MUSIC METHODS AND ELEMENTS (FOR COLLEGE STUDENTS).

This course is for those who are not specialists, and prepares teachers to give music instruction in their own grades. 12 weeks' credit given, not as a teachers' course. Fall quarter, 8-9, Miss Foster. Spring quarter, 2-3, Miss Gilpin. Winter quarter, 2-3, Miss Gilpin.



### Credits.

All credits given in music are for college students only. Conservatory students are required to take the regular courses as prescribed in conservatory courses.

#### 4. MUSIC METHODS FOR GRAMMAR GRADES.

This course is for those students, only, who are to be music supervisors. It is a continuation of Music Methods for Primary Grades and must be preceded by it. Spring quarter only, 8-9, Miss Foster.

#### 5. MUSIC METHODS FOR PRIMARY GRADES.

For college students, fall, 2-3, and spring quarters, 8-9, Miss Gilpin; for music supervisors, winter quarter only, 8-9, Miss Foster.

The work consists of a study of the care and guidance of the young child's voice, the development of a feeling for rhythm, the training of monotones, the manner of presenting songs to children, and the method of presenting music in primary grades.

A sequence of songs for the year is memorized, and the playing of such music as is used in the development of rhythm is emphasized.

#### 6. TEACHERS' MUSIC.

(For college students.) Fall and winter term, 11-12. This must be preceded by course 1, 3 or 5. Credit given as a teachers' course. Miss Foster or Miss Gilpin.

#### 7. METHODS IN HIGH SCHOOL MUSIC. 12 WEEKS.

Devoted largely to theory and professional work for advanced or high school grades. It is a continuation of the class in Methods for the 8 grades and of Elements 1 and 2, which must precede it. Text-books: Choral Instruction Course and Choral Song Book, both by Pease & Lawrence. Spring quarter, one section, 11-12. Room 2, Conservatory. Professor Pease. 12 weeks' credit.

#### 8. HISTORY AND LITERATURE OF MUSIC. 36 WEEKS.

A course giving an outline of music and musicians, with a course of reading relating to musical literature. Text-book: History of Music by Pratt. Fall, winter and spring quarters, 10-11. Miss Putnam.

## 9. DEPARTMENT TEACHING. 24 WEEKS.

Required in Public School and Music and Drawing courses. Teaching done under Miss Foster's and Miss Gilpin's supervision.

## 10. VOICE CULTURE 1. 12 WEEKS.

Summer quarter, 10-12. Miss Putnam and Professor Pease. Fall quarter, 9-10. Winter quarter, 9-10. Spring quarter, 9-10. Miss Putnam.

There are three classes in voice culture of one quarter each. The voice, its development, culture, resonance, permeation, together with the art of singing, including rendition, diction, articulation and expression, are the subjects taught, the professional instruction being dwelt on at each point. For 24 weeks of class work 12 weeks' credit is given.

## 11. VOICE CULTURE 2. 12 WEEKS.

Fall quarter, 9-10. Winter quarter, 9-10. Spring quarter, 9-10. Miss Putnam, Mr. White.

## 12. ARTISTIC CLASS IN SINGING. 12 WEEKS.

To prepare for singing in public. It meets twice a week. Fall and winter quarters, 10-11. For advanced pupils only. Professor Pease.

## 13. HARMONY 1. 12 WEEKS.

Text-book: Foote, Anger, Norris and York. Summer quarter, 8-10. Fall quarter, 11-12. Mr. White, Miss Putnam.

The study in harmony follows that in methods in high school music, or Elements 2, and continues through six terms. Harmony 1 is also given during the summer term. Harmony is taught both as a science and as an art, and is made the basis for further progress in harmony 2, counterpoint and composition. It is also the foundation for a better understanding of instrumental music, and a help in learning to read music at sight. Full credit.

## 14. HARMONY 2. 12 WEEKS.

Same text as in 1. Fall quarter, 8-9. Winter quarter, 1-2. Miss Putnam. Harmony, 2, 11-12. Mr. White. Full credit.

## 15. HARMONY 3. 12 WEEKS.

Spring quarter, 8-9 and 11-12. Miss Putnam and Mr. White. Same text as in 1 and 2. 36 weeks' credit. An application of harmony study to the pianoforte, and a further training in the mental conception of tones in melodies and leading of chords. Harmony 3 is followed by 4, 5 and 6, and consists of advanced study.

## 16. COUNTERPOINT 1. 12 WEEKS.

Text-book: Bridge, Pearce, Gladstone and York's Counterpoint. Fall quarter, 11-12. Professor Pease.

## 17. COUNTERPOINT 2. 12 WEEKS.

Book used as for Counterpoint 1. Winter quarter, 11-12. Professor Pease.

## 18. COUNTERPOINT 3. AND DOUBLE COUNTERPOINT 12 WEEKS.

Book used as for 1 and 2. Spring quarter, 9-10. Professor Pease. Full credit.

Counterpoint is given during the fall, winter and spring quarters, and should follow Harmony. It includes the five species in two, three and four voices, also combined species.

## 19. FORM AND COMPOSITION 1. 12 WEEKS.

Text-books: Stainer's Form in Composition and Anger's Form in Music. Fall quarter, 10-11. Professor Pease.

Composition is continued during the fall, winter and spring quarters, and is the practical application of the previous studies in harmony and counterpoint.

## 20. MUSICAL FORM AND ANALYZATION FOR SUPERVISORS.

Spring quarter, 11-12. Alternates with High School Music. Professor Pease.

## 21. FORM AND COMPOSITION 2. 12 WEEKS.

Same text-book as in 1. Winter quarter, 9-10. Professor Pease.

## 22. FORM AND COMPOSITION 3. 12 WEEKS.

New text-book. Spring quarter, 9-10. Professor Pease. Full credit.

## Credits

Elements of Music 1 and 2, Voice Culture and Teachers' Music will not be credited in the third or fourth college year.

Students who are specializing in music may elect courses in counterpoint, music composition, history of music, piano, organ, violoncello and harmony for the third or fourth college year.

### DEGREE COURSES

Harmony 1, 2 and 3, or 4, 5 and 6.

Counterpoint 1, 2 and 3.

Double Counterpoint, Fugue and Composition or Piano, Organ or Violin, three years each.

All music classes are open to College as well as Conservatory students. For Conservatory courses in Public School Music, Music and Drawing and others.

As there are many calls for teachers of music who are also prepared to teach one or two other subjects in the high school or elementary grades, the following courses are hereby offered:

- |   |  |              |
|---|--|--------------|
| 1 | Public School Music as given on page 10 of Conservatory Booklet. |              |
| 2 | Music and Drawing  | See page 11. |
| 3 | Music with English in place of Drawing                           | " " "        |
| 4 | " " Mathematics  | " " " "      |
| 5 | " " Science  | " " " "      |
| 6 | " " History  | " " " "      |
| 7 | " " Ancient or Modern Languages                                  | " " "        |
| 8 | " " Elocution in place of Drawing                                | " " "        |
| 9 | Music and Physical Training                                      | " " 12       |

Students taking any of these courses are under the direct supervision of the Director of the Conservatory, but are held responsible for their work done in the Training School by the Superintendent and the Supervisor of Music, and for class studies in the College by the head of that department and the President. A certificate will be granted to those who complete any of these courses, and graduates will also receive a legal State Certificate from the Superintendent of Public Instruction at Lansing.

Diplomas given at graduation.

These nine courses are given *free of any charge*, except the entrance fee.

For the Artist Courses, see Conservatory Booklet.

# Natural Sciences

PROFESSOR WILLIAM H. SHERZER.

ASSISTANT PROFESSOR S. D. MAGERS.

MISS JESSIE PHELPS.

MISS MARY A. GODDARD.

Pupil Assistants—Miss Lulu M. Newton, Mr. J. Milton Hover,  
Mr. Joy V. Wigle, Mr. Henry W. Baker.

The class-rooms, laboratories and collections of the department occupy the west half of the Science Building. The laboratory courses in physiology, zoölogy, botany and geology require two hours daily, but into these two periods is intended to be brought all the work of the class, including preparation of notes, library assignments, reviewing for quizzes, etc. In certain indicated subjects these two periods must be consecutive. In the other laboratory classes it is very desirable that the hour preceding, or immediately following the class hour, be left open, and this should be done whenever the schedule will possibly permit. Students seeking electives in the department are urged to make their selection early in the year and then note the quarter or quarters in which these subjects are offered. Those upon the general course are notified that their electives may be selected from any one of the four lines: geology, zoölogy, botany or physiology. The particular course that it is desirable to elect will depend upon the preparation and prospective work of the student. The following are ordinarily recommended: geology, courses, 18, 19, 20, or botany, 4, 5 or 6; zoölogy, 9, 10 or 11; for those who have completed the course in teachers' physiology, either 14, 15 or 16.

## HIGH SCHOOL OR PREPARATORY COURSES

### 1. PREPARATORY PHYSIOLOGY.

This course is intended as a preparation for the teachers' course in physiology for those who enter with insufficient knowledge. For graduates of high schools who have had no physiology above the grades the course is counted as

an elective and should be taken by such *special* as well as *general* students. The frog is used as a basis for the work, its various structures being dissected and its tissues examined with the microscope, in order that its physiology may be better understood. Constant reference is made to the human subject, Peabody's Physiology and Anatomy being used as a text. Fall, winter, and spring quarters, Room M. Miss Phelps.

## 2. STRUCTURAL BOTANY.

This course serves as an introduction to the biological sciences and should be taken by all high school graduates whose botanical work was incomplete or unsatisfactory. For such students the course counts as a regular college elective.

Plants are studied as living, working organisms and something of their importance to man is taught. Stress is placed on their life activities.

In order to understand how they perform their work, their gross and cellular structure is studied. Special emphasis is laid on such activities as plant respiration and starch formation, and attention is given to the part the sun's energy plays in plant life. It includes work with the compound microscope and observational and experimental work in the laboratory. Two consecutive hours. Lectures and quizzes. Principles of Botany, by Bergen and Davis, is the text used. Fall and winter quarters. Rooms F and H. Miss Goddard.

## 3. SYSTEMATIC BOTANY.

This course aims to give the student a general view of the plant kingdom. Typical forms of each group of cryptogams (non-flowering plants) are studied and also of the phanerogams, or flowering plants. A study is made of the winter buds of our common trees and shrubs, noting especially their protective devices and considering their importance. This work is followed by an outdoor study of the more common forest and fruit trees. Attention is given to the morphology of the root, stem, leaf and flower, the subject of fertilization, distribution, etc. Laboratory and field work. lectures and quizzes. Two consecutive

hours. Gray's Manual is used for identification. It would be well to precede this by Course 2. Spring quarter only. Rooms F and H. Miss Goddard.

### COLLEGE COURSES

#### 4. CRYPTOGAMIC BOTANY.

This is a course of the so-called flowerless plants. A series of typical forms is studied, passing from the algae to the mosses, ferns and equisetum. Special attention is given to the subject of reproduction in the different forms and to alternation of generations. Stress is laid upon the evidence of plant evolution. Laboratory work and lectures, with some field work. No text. Fall quarter only. Rooms F and H. Miss Goddard.

#### 5. PLANT PHYSIOLOGY.

This is a course designed to give the student an opportunity to do individual experimental work in the laboratory, in order that he may become familiar with the handling of laboratory equipment and the setting up of experiments. It deals mainly with advanced physiology, taking up problems of growth, irritability, the nature of stored food, the action of organized and unorganized ferments and the fertility of the soil. A study of cell division is made. This course should be preceded by Courses 2 and 3, or their equivalent. Students who are planning to take Chemistry of Common Life, or other work in chemistry, will find it helpful to do so, if possible, before taking this course. Winter term only. Rooms F and G. Miss Goddard.

#### 6. FIELD BOTANY.

The work in this course is designed especially for those who received credit in two elementary courses in botany on entering the Normal, but who desire an additional course to help prepare them for teaching the subject. It is also a practical course for those who have taken courses 2 and 3 in the Normal. A study of plant societies is made, grouping plants according to the amount of light and moisture they require. Attention is given to structural adaptation, to environment and to the habits of plants.

Such ecological subjects as cross-pollination and seed distribution receive special attention, stress being laid on their relation to the perpetuation of species. This course will consist largely of outdoor study. A brief time toward its close will be devoted to a discussion of botanical texts and reference books and to the question of high school courses. Spring quarter only. Rooms F and H. Miss Goddard.

#### 7. PLANT EMBRYOLOGY.

The development of calyx, corolla, stamens and pistils will be traced, stress being laid on the formation and growth of pollen grains and ovules. The process of fertilization and the development of the embryo will be carefully studied and explained. The work will be largely microscopical and will include some training in the making of permanent mounts showing sections of various parts of the flower. This course should be preceded by Cryptogamic Botany. Spring quarter. Room H. Miss Goddard.

#### 8. BOTANICAL PROBLEMS.

This course is open to those who have had Plant Embryology. Individual problems in plant physiology, morphology, or ecology will be assigned each student, the nature of the problem depending upon the materials available, the season of the year, and the student's preference. The laboratory study will be supplemented by library, and field work and from time to time each member of the class will report as to the methods pursued and results obtained. Hours to be arranged. Fall quarter. Room F. Miss Goddard.

#### 9. ANIMAL STUDIES (previously called Elementary Zoölogy).

This course seeks to supplement the lecture courses in Nature Study, by giving opportunity for direct observation of the animal material used in the Nature Study of elementary schools. It is arranged especially for those preparing to teach in the primary grades. The mode of life, general physiology and economic value of the common birds, insects, mammals, brook forms and domestic animals are studied first hand in the laboratory and field; and the methods of presenting this material to children



are discussed. One excursion of two or three hours' length may be expected each week. No previous preparation is required, and in fact it is advised that this course precede or accompany the course in Nature Study. Full quarter, spring quarter. Room M. Miss Phelps.

10. GENERAL ZOOLOGY. 12 AND 24 WEEKS.

This course aims to give the beginning student in zoölogy a general survey of the entire animal kingdom, and an understanding of the principles of living material. Such topics as the following will be discussed and, as far as possible, illustrated in the laboratory and by museum material:—(a) structure and properties of protoplasm; (b) radial and bilateral symmetry; (c) mimicry; (d) economic adaptations; (e) biogenetic law; (f) heredity; (g) evolution; etc. The usual amount of laboratory work upon the more important forms will be given. The full course will extend throughout two quarters, but the first quarter's work may be elected as General Zoölogy 1 without reference to the second quarter, General Zoölogy 2, and will receive twelve weeks' credit. The second quarter's work, however, must be preceded by the first or its equivalent. Text: Linville and Kelly; Text-book of General Zoölogy.

General Zoölogy 1 requires two consecutive hours. Fall quarter, 1-3. Room M. General Zoölogy 2, winter quarter, 1-2. Room M. Miss Phelps.

11. VERTEBRATE STRUCTURES.

This is a course in the dissection of a small mammal and bird, and is designed for specializing students of physiology, physical culture or zoölogy. Special emphasis will be put upon the structure of the nervous, respiratory, circulatory, and muscular systems, and their function and adaptations. The course is open to all. Spring quarter, two consecutive hours. Miss Phelps.

12. SPECIAL STUDIES IN ZOOLOGY.

An opportunity is here offered to students showing aptitude for the natural sciences to do individual work in the field, laboratory, and library, with problems relating to industrial zoölogy; animal ecology; animal physiology; manipulation of laboratory and museum material; etc.; or,

if students are seeking degree courses the work will be made to consist of the microscopic study of tissues (histology) or of the development of organs (embryology). Fall or spring quarters. Hours to be arranged. Room M. Miss Phelps.

13. **TEACHERS' PHYSIOLOGY.**

While this course is intended primarily as a preparation for teaching physiology in the grades, yet a broader view and a deeper insight into the subject is intended than is possible to be obtained in the high school course which is supposed to have preceded it. During the early part of the term, the nature of the chemical elements which enter into the composition of protoplasm will be studied. Special attention will be given to the nature, composition and nutritive values of foods, effects of alcohol, narcotics, to hygiene, sanitation and contagious diseases. The course is given by means of lectures, readings, demonstrations and experiments. Hough and Sedgwick's *The Human Mechanism* is used as a text. Fall, winter, and spring quarters. Assistant Professor Magers.

14. **ADVANCED PHYSIOLOGY.**

This course is intended for students who have completed the Teachers' Physiology or its equivalent. Special study will be made of the eye, ear, other special sense organs and brain by means of models, dissections, microscopic sections, lectures and readings. Practice in determining defects in eye and ear will be given. Students will have opportunity to prepare microscopic sections for themselves. As far as time will permit, advanced topics in the study of muscle and nerve action, circulation, respiration and metabolism will be studied by laboratory methods. Winter quarter, class meetings twice a week. Rooms K and L. Assistant Professor Magers.

15. **BACTERIOLOGY.**

While this course is designed especially for students taking the special course in Domestic Science, it is believed that it will prove to be of interest to others. Emphasis is placed on the study of the nature and cultural effects of those bacteria that affect the home; the nature, action, and

uses of the cultivated yeasts, and their relation to the "wild" yeasts, together with the modes of culture and destruction of the molds that are a source of annoyance in the home. The course will be given by means of lectures, recitations and laboratory practice. Spring quarter. Rooms K and L. Assistant Professor Magers.

16. SPECIAL PHYSIOLOGY FOR WOMEN.

This course aims at discussing in a practical way some of the problems teachers and parents meet in dealing with young children and adolescent boys and girls. Such subjects as heredity, its physical basis and its meaning; the comparative development (embryology) of types of plants and animals, including man, will form an introduction to the educational and social problems naturally arising from the fact of sex.

The course consists of lectures and demonstrations supplemented by readings and round-table discussions. It is open to all women who have had high school physiology or its equivalent and who show the necessary maturity of mind. Winter quarter. Room F. Miss Phelps.

17. NATURE STUDY.

This course is designed for those who expect to teach in the elementary schools, or who expect to supervise such teaching. The work is directed by printed outlines and consists of quizzes, lectures and demonstrations covering the elementary principles of nature and the evolution of the inorganic and the organic worlds. The parallel development of the race and the child, the purposes of Nature Study, the principles of method and a detailed primary and intermediate course are presented and discussed as far as time permits. Devices for the keeping of live material in the school room are exhibited in operation and described. Each quarter, with an abridged course during the summer session. Room A. Professor Sherzer.

18. MINERALS AND ROCKS.

This is a practical course in the study of our common minerals and rocks. Blowpipe methods and simple chemical manipulation are taught. Special attention is given to Michigan minerals, their occurrence, formation and

economic importance. An elementary knowledge of chemistry will be found helpful. Fall quarter only, with an abridged course during the summer session. Rooms A and C. Professor Sherzer.

19. DYNAMICAL GEOLOGY.

This course is intended to give some idea of the agencies which have determined the shape and character of the earth's surface, and which are still at work in modifying it. These are classified under the following heads: Atmospheric, aqueous, organic and igneous agencies. The work consists of recitations, reports upon special topics and lectures. The lantern and collection of photographs are made much use of throughout the course. Spring quarter only. Room A. Professor Sherzer.

20. HISTORICAL GEOLOGY.

A close study of the evolution of the earth and its inhabitants by means of lectures, reading, recitations and museum work upon fossil forms. Previous work in botany, zoölogy and dynamical geology is desirable, but not required. The geological column is taken up in order and brought down to the historic period. The character of the rocks is studied, thickness, home and foreign localities, their teachings, economic products and forms of life. Especial attention is given to the structure of our own state, a geological map and sections being prepared by each student. Excursions to nearby points can be made as often as may seem desirable. Spring quarter only. Rooms A and C. This course alternates with Dynamical Geology, or is offered as often as there seems to be a demand for the same. Professor Sherzer.

21. GLACIAL GEOLOGY.

In this course there is attempted a detailed study of the formation, distribution, structure, characteristics and geological activity of existing glaciers and ice sheets. The direct and indirect effects of the great ice movements across the State of Michigan are carefully studied, and the moraines, ancient beaches and glacial lakes are mapped. An effort is made to have the pupil appreciate as fully as possible the extent to which this glacial history

still affects the lives of Michigan people. Lectures, library and laboratory work with field observations. The course should be preceded by Dynamical Geology and a year's work in physics. Winter quarter. Room A. Professor Sherzer.

### DEGREE COURSES

For work of the last two college years the courses in preparatory physiology, structural and systematic botany, animal forms, nature study and teachers' physiology are not accepted. Special students in the department may elect any of the other courses which have not already been used in securing their life certificates. General students may also elect from this list upon the advice of the head of the department. Courses 7, 12, and 21 are especially intended for advanced students who have had the requisite amount of preparatory work. Those desiring these courses should confer with the teacher in charge as early as possible.

### SPECIAL STUDENTS

Students of special aptitude in the natural sciences and with some successful experience in teaching are invited to make application for enrollment as special students of the department, after one or more subjects have been completed. A limited number of such students will be accepted, only as many as there is reasonable hope of locating in our Michigan high schools. From this list of students there are selected four "pupil assistants," who give the department two hours' time daily and receive \$100 compensation.

# Physical Education

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The courses offered in this department constitute two groups:

(a) Practical Courses. Here classes for men and women are separate, special suits are required, and no credit is given.

(b) Professional Courses consisting of lectures, recitations, etc., open to both men and women, and credited as in case of any academic subject.

## MEN'S DEPARTMENT PROFESSOR WILBUR P. BOWEN HENRY F. SCHULTE

Four terms of practical work are required of all students before graduation. Physical Training 1 must be chosen by all. The three other courses required may be chosen from the eight terms of practical work offered, subject to the approval of the director. The range of work includes light and heavy apparatus work in the gymnasium and the games of football, basketball, tennis, track athletics, and baseball. (See following list.)

Regular attendance is as essential as in other college work. Those doing gymnasium work wear the regulation suit. The suit, costing about \$5.00, involves the only expense demanded by the practical work.

Each student is examined on beginning practical work, no effort being spared to insure that benefit shall always result from the exercise, and to prevent any injury. Students physically unfit at any time for any part of the work are excused from the same during the period of disability.

A teachers' course is given which is especially adapted to prepare men to supervise gymnastics and games in schools. See page 119.

### 1. PHYSICAL TRAINING 1 FOR MEN. 12 WEEKS.

Course 1 is required of all students. Elementary Swedish gymnastics, gymnastic games, and military marching.

Winter quarter, 3-4. Professor Bowen and Mr. Hicks.

## 2. CLUB SWINGING, FOR MEN. 12 WEEKS.

Indian club exercises. Winter and spring quarters, 1-2. Professor Bowen.

## 3. HEAVY GYMNASTICS, FOR MEN. 12 WEEKS.

Work on apparatus, including pulleys, horizontal bar, parallel bars, climbing apparatus, ladders, horse, flying rings, traveling rings, and tumbling. The work is largely individual and not limited to any definite grade, so that the course may be repeated with profit. Winter quarter, 3:45 4:15. Professor Bowen.

### Athletics

This work, conducted by Professor Bowen and his assistants, is intended to give prospective teachers systematic instruction in this branch of Physical Education, looking towards the supervision of such work in schools.

1. Football. Fall quarter, 3-5.
2. Basket Ball. Winter quarter, 4-5.
3. Base Ball. Spring quarter, 3-5.
4. Track and Field Events. Winter quarter, 7-8 p. m.
5. Tennis. Fall and Spring, 3-6.

### WOMEN'S DEPARTMENT

MRS. FANNIE CHEEVER BURTON.

MISS ELTA LOOMIS. MISS IRENE CLARK. MISS RUTH BAUSHKE

Four terms of practical work are required of all students before graduation. This includes the first three courses, together with Course 4, 5 or 6 at student's option. For the three years' certificate the first three courses are required. Specializing students in Domestic Science and Manual Training are only required to take three courses.

All students doing practical work are required to wear the regulation suit and attend classes regularly. This suit, costing about \$6.00, includes all the expense demanded by the practical work. (Students are requested not to purchase suits until their arrival here.)

Each student is examined before beginning work, to ascertain her special needs, as regards development, and a medical

examination is also given, no effort being spared to insure that benefit shall always result from the exercise, and to prevent any injury. Students physically unfit at any time for any part of the work are excused from the same during the period of disability. Those thus excused observe the work of the class, and are held responsible for acquaintance with the work.

Students should begin work the first term in college if they enter in Junior year.

1. PHYSICAL TRAINING 1. 12 WEEKS.

Course 1 is required of all students. Elementary Swedish gymnastics and gymnastic games, with lectures on posture, personal hygiene and Swedish gymnastics.

Summer quarter, 8-9. Miss Clark.

Fall quarter, 8-9, 9-10, 10-11, 11-12, 2-2:40, 2:45-3:20, 3:25-4:00. Mrs. Burton, Miss Loomis, Miss Clark and Miss Baushke.

Winter quarter, 8-9. Miss Clark.

2. PHYSICAL TRAINING 2. 12 WEEKS.

Course 2 presupposes Course 1. Wand and dumb-bell exercises, marching, running and basket ball.

Winter quarter, 8-9, 9-10, 10-11, 11-12, 2-2:40, 2:45-3:20, 3:25-4:00. Mrs. Burton, Miss Loomis, Miss Clark and Miss Baushke.

Spring quarter, 4-5. Miss Clark.

3. PHYSICAL TRAINING 3. 12 WEEKS.

Course 3 presupposes Course 1 and preferably Course 2. Indian club exercises, fancy steps, simple folk dancing, and basket ball.

Spring quarter, 8-9, 9-10, 10-11, 11-12, 2-2:40, 2:45-3:20, 3:25-4:00. Mrs. Burton, Miss Loomis, Miss Clark and Miss Baushke.

Summer quarter, 2-3. Miss Bausbke.

Fall quarter, 4-5. Miss Clark.

Winter quarter, 11-12. Miss Clark.

When Courses 1, 2 and 3 are finished, Courses 4, 5 and 6 may be taken in any order.

4. PHYSICAL TRAINING 4. 12 WEEKS.

Indian clubs, bounding balls and professional training in the teaching of the same.

Winter quarter, 11-12, 2-3. Mrs. Burton.



## 5. PHYSICAL TRAINING 2. 12 WEEKS.

Advanced work in Swedish gymnastics, hand rings, fancy steps, folk dancing, with lectures on progression in Swedish gymnastics, arrangement of lessons, manner of teaching, etc., and practice in teaching exercises to individuals and small squads.

Summer quarter, 9-10. Mrs. Burton.

Fall quarter, 11-12, 2-3. Mrs. Burton.

## 6. PHYSICAL TRAINING 6. 12 WEEKS.

Grace hoops, wands, Indian clubs and military marching, and professional training in the teaching of the same.

Spring quarter, 11-12, 2-3. Mrs. Burton.

## 7. PHYSICAL TRAINING 7, 8 AND 9. 12 WEEKS.

Advanced military marching, dramatic dancing, minuets and fancy club swinging.

The work is varied to meet the needs of the classes.

Fall, winter and spring quarters, 4-5. Mrs. Burton.

These advanced courses are open only to those who have had two years' work, or who have done especially strong work for a shorter time, and are invited to enter by the director.

## 8. PUBLIC SCHOOL GYMNASTICS.

Offered especially for teachers who desire to get a variety of work without special attention to personal benefit.

Wands, dumb-bells, marching, fancy steps, grace hoops, bounding balls, small rings. Summer quarter, 10-11, 11-12, 2-3, 3-4. Miss Baushke, Miss Inez Clark, and Miss Irene Clark.

## 9. RURAL SCHOOL GYMNASTICS.

Similar to Course 8, but the work given is modified to meet the needs of the rural schools. Summer quarter, 2-3. Miss Clark.

## 10. HOCKEY.

English field hockey, introduced in this country a few years ago and tried here for the first time in the fall of 1907, proving to be a fine game for women. Fall quarter, 2-3. 3-4. Miss Clark.

## 11. TENNIS.

Fall quarter, 11-12. Spring quarter, 2-3. Summer term, 7-8, 8-9, 9-10. Miss Inez Clark.

## 12. BASKET BALL.

A special advanced course open only to those who, through excellent work, show promise of making the college team. The first weeks will be spent in Cross-country walking. Fall quarter, 11-12. Winter quarter, 4-5. Mrs. Burton.

## 13. SWIMMING.

A course in swimming is offered, instruction being given in bathing pool of gymnasium. Fall, winter and spring quarters, 9-10, 2-3. Miss Clark.

NOTE.—Courses 11 and 13 give only 6 weeks' credit, but the two may be combined. It is also possible to combine in Fall or Spring, one of these courses with Cross-country walking, thereby receiving full credit. Courses 11 and 13 may be taken in place of Courses 4, 5, or 6.

## PROFESSIONAL COURSES

## 1. TEACHERS' COURSE IN PHYSICAL EDUCATION. 12 WEEKS.

Must be preceded by at least two terms of practical work, including Swedish gymnastics. The place of Physical Training in Education, the leading systems, plays and games, corrective exercises for different grades, methods of teaching, etc. Fall, winter and spring quarters, 10-11. Summer term, 10-12. Mrs. Burton.

## 2. HISTORY AND LITERATURE OF PHYSICAL EDUCATION. 12 WEEKS.

Fall quarter, 11-12. Professor Bowen.

## 3. MECHANICS OF EXERCISE. 12 WEEKS.

Lectures, demonstrations, laboratory work, and recitations, on the anatomy and mechanics of muscular exercise. Treatment of injuries is included in this course. Teachers' course must precede.

Winter quarter, 11-12. Professor Bowen.

## 4. PHYSIOLOGY OF EXERCISE. 12 WEEKS.

Lectures, demonstrations, laboratory work, and recitations upon the physiological effects of exercise, with especial reference to circulation and respiration. Teacher's course must precede. Spring quarter, 8-9. Professor Bowen.

5. TEACHING. 12 WEEKS.

Professor Bowen or Mrs. Burton.

#### DEGREE WORK IN PHYSICAL EDUCATION

Practical Courses in Physical Training will not be credited on the work of the third or fourth college year.

Student who are not specializing in this department may elect professional courses 1, 2, 3, or 4 for the third or fourth college year.

# Physical Sciences

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PROFESSOR E. A. STRONG

ASSOCIATE PROFESSOR FREDERICK R. GORTON

ASSISTANT PROFESSOR B. W. PEET

MR. CLARKE E. DAVIS

MR. MAURICE C. LATHERS

## HIGH SCHOOL COURSES

All rooms are in the Science building.

### 1. PHYSICS 1.

A demonstrative and laboratory course in the mechanics of solids and fluids. This is the fundamental subject in Physics and should be taken by all who have not had a year's work in Physics in a good high school following the completion of Algebra and Geometry. Fall quarter. Professor Strong. Daily the first hour, and Mondays and Wednesdays the second hour. Rooms 1 and 11.

### 2. PHYSICS 2.

An elementary course in heat, light and sound with abundant demonstrative and laboratory work. As in the preceding course, the graphical method is freely used and the processes of Algebra and Geometry constantly employed. Follows Course 1 or 3. Winter quarter. Daily the first hour, and Mondays and Wednesdays the second hour. Associate Professor Gorton. Room 6.

### 3. PHYSICS 3.

Magnetism and electricity. A full demonstrative course, with students' laboratory work. Follows Courses 1 or 2 above. Associate Professor Gorton. Room 6. Spring quarter. Daily the first hour, and Tuesdays and Thursdays the second hour.

### 4. CHEMISTRY OF COMMON LIFE.

A brief popular course in the elements of inorganic and organic chemistry for the benefit of teachers in the grades who are not able to take more extended work. It is also designed for those students who desire to understand

chemical allusions in other subjects of study, and to know something of the chemistry of daily life. No previous knowledge of chemistry is necessary. Those students desiring a somewhat complete course in chemistry should elect Chemistry 1, 2, and 3. Room 14. Assistant Professor Peet. Winter term. Third hour daily and laboratory practice.

5. CHEMISTRY 1.

A study of the non-metals, hydrogen, oxygen, the halogens, and their principal compounds; the gas laws and laws of chemical action; molecular weights and atomic weights, and atomic hypothesis. Lectures, with laboratory and text-book work. The laboratory hours are to be arranged with the instructor. Rooms 14 and 18. Fall quarter, two sections, 8-9 and 1-2. Assistant Professor Peet and Mr. Davis.

6. CHEMISTRY 2.

A study of the element carbon, some of the simpler compounds of carbon, valence, dissociation theory, periodic law, sulphur, nitrogen group, carbon group, with a few lessons in organic chemistry. It is a continuation of Chemistry 1, and completes the study of the non-metals. The additional laboratory hours are to be arranged with the instructor. Rooms 14 and 18. Winter quarter, two sections, 8-9 and 1-2. Assistant Professor Peet and Mr. Davis.

### COLLEGE COURSES

7. GENERAL ASTRONOMY.

Mainly a culture course addressed to the large popular interest in astronomy. Has reference also to this part of nature study in the grades. Four days a week, with additional laboratory and observatory practice. The members of the class gain some familiarity with the Nautical Almanac, a small transit, a four-inch equatorial, sextant and sidereal chronometer, and incidentally do considerable reading. Fall and Spring quarters, 2-3. Professor Strong. Rooms 1 and 25.

**8. CHEMISTRY OF FOODS.**

A course of lectures and demonstrations on the chemistry of plants and animals, and plant and animal products. Some time will be given to the chemistry of foods, such as the composition of baking powders, the chemistry of cooking and the adulteration of foods. Demonstrations and laboratory practice will be given in the actual analysis of foods and their adulterations. This course may be taken by students who have had Chemistry 1 and 2, or high school chemistry, with full laboratory practice. Spring quarter. 8-9. Laboratory hours, 9-10 and 1-2. Rooms 14 and 18. Assistant Professor Peet.

**9. CHEMISTRY 3.**

A study of the metals, largely a laboratory course, requiring two hours of work daily and instruction twice a week. After the student has determined in the laboratory the characteristic properties of a few of the metals, he devises a scheme for their separation, and uses this scheme in the analysis of "unknowns." This plan is continued until all the common metals are studied, their characteristic properties determined, and a complete table of analysis compiled. In connection with this work, instruction is given in the metallurgy of the common ores. Graduates of approved schools may elect this course. Rooms 14 and 18. Spring quarter, 1-3. Assistant Professor Peet and Mr. Davis.

**10. CHEMISTRY 4. QUALITATIVE ANALYSIS.**

This is a study of the analysis of the common metals. The characteristic properties and special tests for the metallic ions and anions of each group are determined. This is followed by the analysis of "unknowns." The modern theory of ionic dissociation is taught and used in connection with the reactions involved in the student's laboratory work. It is a laboratory course calling for two hours' work daily. Rooms 14 and 18. Fall quarter, 9-11. Assistant Professor Peet.

**11. CHEMISTRY 5. QUANTITATIVE ANALYSIS.**

This is a laboratory course requiring two hours' work daily. The class also meets twice a week for quiz and instruction. The work is both gravimetric and volumetric,

the gravimetric portion including the determination, in simple compounds, of the common metals and acid anhydrides and the volumetric work including the preparation of standard solutions, the determination by alkalimetry of a few of the common acids and alkalies, and the determination of the elements, iron, chlorine and iodine by methods of oxidation and reduction. Students get practical work in making up solutions for the laboratory. Winter quarter, 9-11. Rooms 13, 14, and 16. Assistant Professor Peet.

12. CHEMISTRY 6. QUANTITATIVE ANALYSIS.

This is a continuation of Course 5. Some time is devoted to water, milk, food, and gas analysis. Spring term. Rooms as above, 9-11. Assistant Professor Peet.

13. CHEMISTRY 7. ORGANIC CHEMISTRY.

Follows Chemistry 1, 2, and 3, or 1 and 2, and Chemistry of Foods. Embraces the study of the carbon compounds and of the more important and interesting products of plants and animals. Fall quarter, 10-12. Rooms as above. Assistant Professor Peet.

14. PHYSICS 4, OR ADVANCED PHYSICS 1.

Electricity and magnetism. An advanced course in which electrical theory and electrical discovery are strongly emphasized. Follows Physics 1, 2, and 3, or an approved course in a high school. Also follows or is concurrent with trigonometry. Fall quarter. First hour. Four times a week. Associate Professor Gorton. Room 6.

15. PHYSICS 5, OR ADVANCED PHYSICS 2.

A demonstrative and mathematical course in advanced mechanics. Follows Physics 1, 2, and 3, or an equivalent high school course, and a good course in trigonometry. Calculus also useful. Winter quarter. Professor Strong. Fourth hour. Rooms 1 and 3.

16. PHYSICS 6, OR ADVANCED PHYSICS 3.

Sequence as in the preceding case. An advanced demonstrative course in acoustics and optics. Spring quarter. Professor Strong. Fourth hour. Rooms 1 and 2.

**17. METHOD IN PHYSICS.**

A course designed to prepare students for teaching the physical sciences in the grades and in the smaller high schools. Has special reference to the fundamental science, physics, which will be reviewed and cast into form for best presentation. Much attention will be given to simplified and improved forms of apparatus and to laboratory work in general. Follows Psychology and Physics 1, 2, and 3. Every quarter. Professor Strong. Room 1. Second hour.

**18. PHYSICAL LABORATORY PRACTICE.**

A practical course in the laboratory method and laboratory appliances. It is also used as a review course in physics for those who need such a review and a laboratory course for those who have had a good text-book course but inadequate laboratory facilities. Follows Physics 1, 2, and 3. Daily. Every quarter. Fourth hour. Associate Professor Gorton. Room 11.

**19. ADVANCED LABORATORY PRACTICE 1.**

Should be elected instead of the preceding by those who have had a strong high school laboratory course. Requires trigonometry and may be taken as a course by itself or along with analogous subjects in Advanced Physics. Seven hours a week completing college work in Mechanics and Optics. Professor Strong. Rooms 3 and 4. Fall and Spring quarters.

**20. ADVANCED LABORATORY PRACTICE 2.**

As above except that the course concerns itself with heat, electricity and magnetism. Professor Strong. Rooms 3 and 4. Winter quarter.

**21. ACOUSTICS.**

A course in the physical basis of sound, with special reference to those who are carrying forward studies in music, using Zahm's Sound and Music or some equivalent author. Preferably to follow Physics 1, 2, and 3, but may be taken by any persons of maturity. Winter quarter. Room 6. Associate Professor Gorton. Third hour.



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**SPECIAL STUDENTS**

Students wishing to specialize in this department will arrange their work during the junior year with the head of the department. In case physics and chemistry have been completed in an approved high school course, the following subjects will be required: Method in Physics; Advanced Physics 2 and either 1 or 3; Chemistry 3 and 4; and seven subjects to be arranged by the head of the department. In case physics and chemistry have not been completed, the patron will arrange the work of the candidate so as to include as much as possible of the above named work.

**DEGREE COURSES**

If the degree student is not a specialist in this department, any college course from 6 to 21, inclusive, may be taken.

If the student is a specialist in this department, he may elect the required mathematics and any of the following: 12, 13, 17, 21.

For the A.B. specialist, his elections must be confined to 12, 13, 17, 19 or 20.

# Psychology and Education

## Psychology

PROFESSOR SAMUEL B. LAIRD

Assisted by

ASST. PROF. H. C. LOTT

PROFESSOR N. A. HARVEY

### COLLEGE COURSES

1. **PSYCHOLOGY 1. 12 WEEKS. (REQUIRED.)**

Elementary work. Texts: Titchener's Primer of Psychology, Angell's Psychology, Putnam's Text-book of Psychology. Fall, spring and summer quarters, 8-9, 9-10, 10-11, 11-12, 1-2, 2-3. Winter quarter, 3-4. Rooms 25, 27. Professor Laird, Professor Harvey, Assistant Professor Lott.

2. **PSYCHOLOGY 2. 12 WEEKS. (REQUIRED.)**

Complete text, besides taking the following subjects in child study: hygiene of special senses, nervousness, fatigue, sensory and motor training and adolescence. Texts: Titchener's Primer of Psychology, Angell's Psychology, Putnam's Text-book of Psychology, Rowe's Physical Nature of Child. Spring quarter, 2-3. Fall quarter, 2-3. Winter quarter, 8-9, 9-10, 10-11, 11-12, 1-2, 2-3. Rooms 25, 27. Professor Laird, Professor Harvey, Assistant Professor Lott.

### DEGREE COURSES

4. **ADVANCED PSYCHOLOGY. 12 WEEKS. (REQUIRED.)**

The purpose of this course is to do intensive work in some subjects not fully treated in Courses 1 and 2. Prescribed reading and reports thereon will supplement the work of some good text. Fall quarter, 9-10. Room 25. Professor Laird.

5. **LOGIC. 12 WEEKS. (REQUIRED.)**

The principles of this subject as discussed in Creighton's Introductory Logic will be the basis of our work. The

principles of the science will be applied in a practical manner to examples taken from argumentative discourse. Winter quarter, 9-10. Room 25. Professor Laird.

Candidates for the degree of B.Pd. must take Courses 4 and 5. Courses 1 and 2 will not be credited on work of third or fourth year.

## Pedagogy (General Method)

PROFESSOR NATHAN A. HARVEY

Assisted by

PROFESSOR SAMUEL B. LAIRD,

PROFESSOR DIMON H. ROBERTS AND

ASSISTANT PROFESSOR H. C. LOTT

PEDAGOGY. (General Method.) 12 WEEKS. (REQUIRED.)

Must be preceded by Psychology 1 and 2. Lectures, recitations, readings and reports upon the same. McMurry's General Method, Keith's Elementary Education, Bagley's Educative Process, Tompkins' Philosophy of Teaching. Students are expected to buy one of the above books. Constant reference is made to the Reports of the Commissioner of Education, Proceedings of the National Educational Association, and volumes of educational periodicals.

Especial attention is given to the following subjects: The aims and meaning of education; educational values and the common school course; apperception and its educational value; the culture epoch theory and its relation to interest and concentration, and criticisms; promotion and grading. Fall quarter, 11-12, Professor Roberts. Winter quarter, 11-12, Professor Roberts; 2-3, Professor Harvey. Spring quarter, 8-9, 9-10, 10-11, 11-12, 1-2, 2-3, Professor Harvey, Professor Laird, Assistant Professor Lott.

## Science and History of Education

PROFESSOR CHARLES O. HOYT

ASSOCIATE PROFESSOR HORACE Z. WILBER

1. HISTORY OF EDUCATION 1. 12 WEEKS.

A consideration of the civilization of the Egyptians, Assyrians, and Babylonians, as leading to and influencing

Jewish education. This will be followed by an intensive study of Greek and Roman education, and finally, of the beginnings of modern education found in the Middle Ages. Texts: Davidson's History of Education, Laurie's Pre-Christian Education, Davidson's Aristotle. Fall and winter quarters, 8-9. Room 26. Professor Hoyt.

2. HISTORY OF EDUCATION 2. 12 WEEKS.

The history of modern education from Comenius to the present, including a consideration of the influence of Europe on American education. Text: Hoyt's Studies in the History of Modern Education. Fall and winter quarters, 9-10, 10-11, 11-12, and 2-3. Spring quarter, 9-10. Room 25. Professor Hoyt, Associate Professor Wilber.

Either of the above courses may be chosen as the required work in this department for the life certificate. History of Education must be preceded by the courses in psychology and pedagogy.

3. HISTORY OF EDUCATION 3. 12 WEEKS.

A study of the development and organization of the school system of the United States and of the history and problems of supervision. (1) The qualifications of the superintendent; (2) His relations and functions. Spring quarter, 2-3. Room 25. Associate Professor Wilber.

4. HERBERT AND FROEBEL. 12 WEEKS.

The educational doctrines of these men will be studied not only in relation to their predecessors and contemporaries but to each other. Lectures, readings and discussions.

This course is required for students specializing in the Kindergarten. It may be counted as required work for the degree of B.Pd., or may be used as an elective for the life certificate. Spring quarter, 8-9. Room 26. Professor Hoyt.

5. INTRODUCTION TO PHILOSOPHY. 12 WEEKS.

A historical study of the fundamental problems of philosophy. Text: Paulsen's Introduction to Philosophy. Fall quarter, 3-4. Spring quarter, 10-11. Room 26. Professor Hoyt.

6. HISTORY OF PHILOSOPHY. 12 WEEKS.

A study of the doctrines of the great philosophers, with relation to each other and in reference to the modern

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educators. Text: Falckenberg's History of Modern Philosophy. Winter quarter, 3-4. Room 26. Professor Hoyt.

### DEGREE COURSES

Courses 1 and 2 will not be credited for work of the third or fourth college year.

Students qualified to do the work, may take Courses 3, 4, or 5 as electives for the life certificate.

One course in this department is required for each of the degrees. Election may be made from Courses 3, 4, 5, or 6.

# Reading and Oratory

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PROFESSOR J. STUART LATHERS

MISS LILLIAN OLIFF    MR. FREDERICK B. MCKAY    MISS IDA HINTZ

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The work of the literary societies and debating clubs is done under the direction of the head of this department.

Students specializing in this department are required to take part of their work in the English department.

## PREPARATORY COURSE

### 1. READING AND ORTHOEPY.

A study of the correct use of diacritical marks and the intelligent use of the dictionary, with practice in oral reading.

Fall quarter, 11-12. Room 51. Miss Oliff.

## COLLEGE COURSES

### 2. TEACHERS' READING.

The aim of this course is preparation for the teaching of reading. It consists of a study of the elements of vocal expression and the steps essential to a systematic course of reading in the grades, a discussion of the methods of primary and grammar grade reading and of the relation of the reading work to literature. An attempt is also made to develop the student's ability as a reader by the study and vocal interpretation of certain classic selections from literature.

Students who have had no experience in teaching should, if possible, postpone this course until they have had Psychology, and no student should elect it before the junior year.

Fall, winter and spring quarters, 8-9, 9-10, 10-11, and 23. Room 51. Professor Lathers, Miss Oliff, Miss Hintz, and Mr. McKay.

## 3. ELOCUTION 1.

This course aims to give the student a refined pronunciation and distinct utterance, and to bring him into greater sympathy with the best in literature.

Exercises are given to secure good quality and volume of tone and distinctness and accuracy of articulation and enunciation. A study is made of the sources of power in speaking—both vocal and physical expression. Short classics are carefully studied as to their literary value and are given as declamations at frequent intervals during the course.

Fall, winter and spring quarters, 11-12. Room 51. Miss Oliff.

## 4. ELOCUTION 2.

Study of vocal technique and expression through action. This course aims to make a careful literary analysis of selections from the best literature, and, through stimulating the thinking process, to make the thought and feeling dominate voice and action.

Fall, winter and spring quarters, 1-2. Room 51. Miss Oliff.

## 5. ORATORY.

Study of masterpiece orations, theory of the oration and sources of the orator's power, writing and delivering of one oration, and recitation of standard selections.

Spring quarter, 11-12. Room 51. Professor Lathers.

## 6. SHAKESPEAREAN READING.

Study of the principles of Dramatic structure, and an examination of the plots and characters of the drama as they bear upon the vocal expression of the selections. Studies will be made of passages from Hamlet, Macbeth, Julius Cæsar, Merchant of Venice, and Midsummer Night's Dream.

Fall, winter and spring quarters, 9-10. Room 51. Professor Lathers or Miss Oliff.

## 7. CRITICAL READINGS.

An advanced course in reading intended for teachers engaged in high school English or for students who are doing special work in English or Oratory.

It consists of a study of the æsthetic and rhetorical

principles of style as related to the vocal interpretation of great literature. The work will be based upon the study of selections from English and American masterpieces in prose and verse.

Fall, winter and spring quarters, 10-11. Professor Lathers.

#### DEGREE WORK IN READING AND ORATORY

Courses 1 and 2 will not be credited on the work of the third or fourth college year.

Students specializing in this department should complete all of the above courses before the third college year.

Students not specializing in this department may elect Courses 3, 4, 5, 6, and 7 in the third college year.



## PURPOSE AND PLAN

The leading purpose of this school is to afford an opportunity to the student for both observation and practical work in the school room. It is here that theory and practice meet, and consequently the work of this department should test in a very large measure the ability of the teacher to do successful work in the public schools of the state. As far as possible the aim is to make the school fulfill a double function in being both a model and a training school. An attempt is made to keep abreast of the times in all that pertains to the interests of the children who constitute the school. Special attention is given to planning and execution, the keeping of school records, and the general management of the grade room. All work is done under the immediate supervision of expert training teachers and under the general direction of the superintendent, who is the executive of the department.

The course of study is continuous through kindergarten, primary, intermediate and grammar grades, and the first two years of high school work, making it possible for Training School pupils to enter the regular preparatory course of the college, (see page 46).

While the school was established primarily for the purpose of training teachers, yet the principle is maintained that the interests of the pupil are the most important consideration; and it is believed that whatever advances the well-being of the child best serves the purpose for which the school was created.

The pupils enrolled come from the city and surrounding country. Tuition is free to all, and the school is gradually working toward the free text-book system. At present nearly all supplies are furnished in the lower grades; and, in the higher grades, pupils are required to furnish only such books as represent the more formal work.

All applications for admission of new pupils should be made at the office of the superintendent. Those entering from other schools will facilitate matters by bringing with them letters of transfer, records, or promotion cards.

Children are admitted to the kindergarten between the ages of four and six years, but may not be admitted to the first grade before the age of six. Promotion will take place regularly three

times a year at the opening of each school term, thus making it possible to begin the work of a grade in September, January and April. By this plan the system of promotion is made more flexible, inasmuch as each grade contains three sections separated from one another in time by one-third of the school year.

### STUDENT TEACHING

All work in observation and student teaching must be done during the second year of the life certificate course, except in the case of those who are to take the limited certificate. Under the latter condition the Training School practice and observation may be made a part of the last full quarter's work.

Under the present arrangement of the college year the teaching quarters will be the fall, the winter, and the spring. *Carefully note the following:*

1. All students must have completed the courses in psychology, 1, 2, and general method before entering upon the work of this department.

2. At least three of the fundamental teachers' courses in the common branches must be successfully passed, *and all conditions and failures in academic or professional subjects vital to success must be removed before students are admitted for observation or teaching in the Training School.*

3. Students are not permitted to take more than two subjects in college in addition to the regular training school work without permission from the committee on extra subjects.

4. The number of student teachers doing work in the department during any one quarter will be limited approximately to one-third the membership of the senior class.

5. The amount of teaching and observation required will be two hours per day, during one quarter. *Each of the hours in the Training School counts the same as an academic subject and is entitled to as much time for outside preparation.*

6. All assignments for work in the training department and changes in the same are made by the superintendent.

7. By special arrangement with the superintendent and the head of the college department students may elect one-half of their teaching in the preparatory department.

8. All students classifying for work in the Training School must reserve the hour from 3 to 4 for criticism.

9. The work in the Training School consists of teaching, observation, making subject and lesson plans, assisting the critic teachers in various ways, making written reports, attending critic and general meetings, and becoming familiar with the course of study and workings of the school.

### HOURS FOR TEACHING

The hours in the Training School are from 8:30 to 11 for the kindergarten, and first four grades; from 8:30 to 11:30 for the other grades; and from 8:00 to 11:00 for the high school. In the afternoon all grades except the kindergarten are in session from 1:00 to 3:00. The half-hours before 9:00 and after 11:00 o'clock in the elementary grades are reserved for critic teachers.

### SUBJECT PLANS

In order that the work in the Training School may be systematically planned and executed, the student teacher is required to make and submit subject plans based upon the scope or extent of the material included in the general notion involved.

The critic teacher will direct the time and manner for their use.

### LESSON PLANS

For more specific work of daily recitations, carefully prepared lesson plans in accordance with the general spirit of the natural steps of instruction are required from each student teacher.

### OBSERVATION

One of the most important features of the work in the Training School is the observation of the method and management of the school room. Carefully prepared outlines are placed in the hands of the student teacher as a basis for such observation. These outlines deal with the mechanical management of a grade and practical schoolroom psychology and child study; such as attention and interest, discipline, perception and apperception, imagination, memory, suggestion, imitation and habit, the lesson as a whole, together with a careful study and characterization of the individual children composing any given class.

As occasion offers, a carefully planned illustrative lesson is conducted by each critic teacher in the presence of the student teachers of the grade. A plan is placed before the student teachers, and the criticism period of that day is devoted to a discussion of the plan, the method employed, and results attained.

### CRITIC TEACHERS

Each critic teacher has charge of a grade, devotes a part of her time to the teaching of the same, supervises the work of the student teachers, and observes and makes needed reports to the superintendent of the department.

The amount of teaching done by the critic varies as the interest and work of the school demand her personal efforts. For two weeks at the opening of each quarter, the instruction is exclusively in her hands. She does the teaching each day during the periods from 8:30 to 9 and 11 to 11:30, and is expected to take charge of one or more classes each day for the benefit of such teachers as most need her assistance. We are coming to believe more and more in the value of model teaching by those who are fully prepared for such work both by training and experience.

The critic has immediate charge of all the work of the student teacher in directing the making of subject and lesson plans, the work of observation, the writing of reports based on observations in the schoolroom, and the execution of plans. She meets her student teachers three times each week at three o'clock for the purpose of reviewing the work of the day, examining the lesson plans, instructing in method, and hearing and discussing reports of observation in child study.

### SCHOOL EXERCISES

Chapel exercises are held regularly on Friday morning of each week in the Training School assembly hall. These exercises consist of a simple devotional program, supplemented each time with music and dramatizations by the children from one or more of the grades.

Special programs appropriate to the occasion are given at Thanksgiving, Christmas, Washington's Birthday, Memorial Day, and at the close of the school year.

All of these exercises are public, and patrons and friends of the school are cordially invited to attend. Student teachers are especially welcome and are invited to join the children in the devotional part of the program.

### THE COURSES OF STUDY

Suggestive outlines of work in reading, nature study, history, geography, arithmetic, language, music, drawing, physical training, manual training and domestic science are followed in all grades of the department, and are published under a separate cover.

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### SPECIAL TRAINING SCHOOL COURSES

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#### Special Course for Critic Teachers

On account of the demand throughout the country for specially trained critic teachers, the College will offer to a limited number of applicants an opportunity for pursuing such a course of study.

All candidates for this course must have completed the work for the life certificate, and must have furnished satisfactory evidence of their general teaching ability.

The superintendent of the Training School acts as patron for students pursuing this line of work. All applications for admission to this course shall be submitted to the College Council and selections will be based upon:

1. Scholarship
2. Personality
3. Success in teaching children
4. Ability to work with adults.

#### THE COURSE ITSELF CONSISTS OF:

1. Seventy-two weeks of electives from third or fourth year college subjects
2. An equivalent of seventy-two weeks of work in the Training School as assistant to the regular critic teachers in making courses of study, doing model teaching, doing special and general critic work, and in a study of the principles and methods of constructive criticism.

The degree of B.Pd. will be granted upon the satisfactory completion of this course of study.

### Specializing Course for Primary Grades

The following course has been outlined for such students as wish to prepare themselves for teaching in the first four grades of the Elementary School.

The superintendent of the Training School is the patron for those taking this course.

1. Required subjects (see p. 47 ).....144 Weeks
2. Electives under direction of patron.....144 Weeks

The subjects determined by the patron include:

Kindergarten-Primary Instruction .....	12 Weeks
Supplementary Hand Work.....	12 Weeks
Primary Music .....	12 Weeks
Elementary Drawing 1, 2.....	24 Weeks
Blackboard Sketching .....	12 Weeks
Mythology .....	12 Weeks
Principles of Criticism 1.....	12 Weeks
Junior Composition .....	12 Weeks
Juvenile Literature and Stories.....	12 Weeks
Primary Nature Study.....	12 Weeks
Teachers' Grammar .....	12 Weeks
Teachers' Arithmetic .....	12 Weeks
Teachers' Geography .....	12 Weeks
Teachers' History .....	12 Weeks
Free Electives .....	36 Weeks

### Special Kindergarten Course

As the demand for pure kindergarten teachers has increased so rapidly in the last few years, a pure Kindergarten Course has been planned to take the place of the old Kindergarten-Primary Course which has been offered for many years. The old course, with some modifications, is retained for those who prefer primary work. Both courses lead to a life certificate. Those desiring to enter the kindergarten course, in addition to being high school graduates, *must be able to play the piano reasonably well*, and show special qualifications for pursuing the work of this department.

Candidates are accepted on trial during the first quarter. Each class will be limited to twenty-five students.

We believe a well-trained kindergartner needs the fullest educational equipment possible, therefore the requirements for admission are the same as those for other college courses leading to the life certificate.

The superintendent of the Training School is patron of this department. The subjects required are:

Psychology .....	24 Weeks
Pedagogy .....	12 Weeks
History of Education.....	12 Weeks
Elementary Drawing 1, 2.....	24 Weeks
Mythology .....	12 Weeks
Nature Study .....	12 Weeks
Teachers' Arithmetic .....	12 Weeks
Teachers' Grammar .....	12 Weeks
Teachers' Geography .....	12 Weeks
Principles of Criticism.....	12 Weeks
Teaching and Observation.....	72 Weeks
Kindergarten Instruction 1, 2, 3, 4, 5.....	60 Weeks
Herbart-Froebel .....	12 Weeks

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288 Weeks

Those having had a satisfactory course in drawing in the high school will be allowed to omit Elementary Drawing 1. and may take Elementary Drawing 2 and the course in Design.

The Kindergarten course will begin only with the fall quarter.

### COURSES IN KINDERGARTEN THEORY

MISS EDITH E. ADAMS.

The courses in Kindergarten Theory, open only to specializing students, are as follows:

1. KINDERGARTEN 1. 12 WEEKS.

Kindergarten gifts 1, 2, 3; hand work—clay modeling, one set of kindergarten balls, sewing; study of the Life of Froebel; Froebel's Mother Play Book; songs and games.

Fall quarter, 1-2. Kindergarten Room.

2. KINDERGARTEN 2. 12 WEEKS.

Kindergarten 2 must be preceded by Kindergarten 1.

Kindergarten gifts 4, 3 and 4 together; hand work—weaving, paper folding, free hand cutting; continue study of Mother Play Book; songs and games.

Winter quarter, 1-2. Kindergarten Room.

3. KINDERGARTEN 3. 12 WEEKS.

Must be preceded by Kindergarten 1 and 2.

Kindergarten gifts, 5, 6, 7; hand work—cutting on folded line, conventional cutting, paper tearing, simple winding and wrapping with raphia; continue study of Mother Play Book; songs and games.

Spring quarter, 1-2. Kindergarten Room.

4. KINDERGARTEN 4. 12 WEEKS.

Must be preceded by Kindergarten 1, 2, and 3.

Kindergarten gifts, 8, 9, 10; hand work—simple braiding with raphia, one reed mat, color work, construction work; continue study of Mother Play Book; songs and games.

Fall quarter, 2-3. Kindergarten Room.

5. KINDERGARTEN 5. 12 WEEKS.

Must be preceded by Kindergarten 1, 2, 3, and 4.

This course will include the study of story forms, story material and the telling of stories; program work, and a general survey of the history of the Kindergarten.

Winter quarter, 2-3. Kindergarten Room.

6. KINDERGARTEN-PRIMARY INSTRUCTION. 12 WEEKS.

This will be a course in kindergarten theory adapted to the needs of the primary teacher in which the philosophy of the kindergarten is explained. The significance of the Mother Plays, Games, and Kindergarten Materials will be studied and their relationship to the primary grades shown.

Spring quarter, 2-3. Kindergarten Room.

NOTE.—To give those who have begun the work a chance to complete the old Kindergarten-Primary Course, Kindergarten 3, as outlined in former Year Books, will be offered from 2-3 during the fall and winter quarters.

A special fee of one dollar will be charged for each course in Kindergarten Theory, to partially cover the expense of material used.



## Manual Training

MISS ALICE I. BOARDMAN

MISS ESTELLA E. BAKER, Assistant

The department offers three courses: Specializing Course, Arts and Crafts, and Supplementary Hand Work.

### SPECIALIZING COURSE

This course aims to train teachers for general supervision of manual training. In addition to the group of required subjects (see page 47) the work is largely a laboratory course and requires ten hours a week during the Two Years' College Life Certificate Course. The course includes bench work; lathe work; mechanical drawing; designing in Indian basketry and Venetian bent iron; raffia; weaving; cardboard construction, based on mechanical drawing; clay modeling and lectures on subjects allied to manual training.

Students are required to make original models to be left with the department; to make estimates of lumber and other materials for class work, and also to make various estimates for the equipment of a class room under the existing conditions of schools as they will be found in different towns and cities of the state.

A special fee of one dollar each quarter will be collected from all students pursuing this course.

An outline of the specializing course in this department is given below in order that prospective students may gain an idea of the work required.

Course of study in Manual Training for specializing students:

- |  |           |
|--|-----------|
| 1. Group of Required Subjects (see p. 47) . . . . .          | 144 Weeks |
| 2. Elementary Drawing 1, 2 . . . . .                         | 24 Weeks  |
| 3. Advanced Drawing 1 . . . . .                              | 12 Weeks  |
| 4. Bench Work and Mechanical Drawing . . . . .               | 36 Weeks  |
| 5. Lathe Work . . . . .                                      | 12 Weeks  |
| 6. Basketry, bent iron work, raffia . . . . .                | 12 Weeks  |
| 7. Card-board construction, weaving, clay modeling . . . . . | 12 Weeks  |
| 8. Electives . . . . .                                       | 36 Weeks  |

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## ARTS AND CRAFTS

This is a course for advanced students in drawing, manual training, and domestic art, consisting of metal work, pottery, and tooled leather. A small fee will be charged to cover expense of material used. Spring quarter, 10-11. Manual Training Room B, Training School Building. Miss Baker.

## SUPPLEMENTARY HAND WORK

This course includes the use of the sand table, clay modeling, weaving, paper cutting, and suggestive work for the various holidays and seasons.

It is especially planned to meet the needs of primary teachers and to suggest supplementary occupation work in the first four grades of the elementary school. Fall, winter and spring quarters, 9-10. Manual Training Room B, Training School Building. Miss Baker.

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## Domestic Science and Art Course

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MISS GRACE FULLER

MISS WILMA STEVENSON. Assistant in Domestic Art.

The purpose of the department of Domestic Science and Art is to afford training in the subjects which pertain to the care of the individual and the home, including the scientific, economical and wholesome preparation of food, and the suitable and artistic clothing of the person.

Since most positions at present open to teachers in all lines of manual work require a command of more than one subject, the Normal College has planned a specializing course for training teachers in both Domestic Science and Domestic Art. The requirements for admission are the same as those for other college courses leading to the life certificate. For students who have pursued elementary chemistry and physics in accepted high schools, other electives of equal culture value may be chosen. In addition to the group of Required Subjects (see p. 47) the course will include practical work in bacteriology, cookery,

dietetics, serving, marketing, household economics, hygiene and laundry work, drafting, machine sewing, black-board sketching, millinery, and hand work for the primary grades. The hand work will include weaving, basketry, and designing similar to that which is done in the last year of the specializing course in manual training (see p. 138).

The practical work in cookery will aim to demonstrate its leading principles, and their modification in preparation of food for infants, invalids, and adults under widely different conditions.

Under dietetics will be studied the composition of the body; its waste and repair; need of food; kinds and proportion required; composition of various food materials; use of each in the body and their digestibility; best methods in cooking in order to secure greatest nutritive value at the least cost; ways of meeting individual needs; calculation of dietaries for persons of different ages and engaged in different occupations.

Serving includes the economical purchase and preservation of food, the study of suitable combinations, table setting, care of dining room, table linen, and making of menus.

In this work each student is given the opportunity of acting as hostess, waitress, and cook in a series of meals prepared and served in the department.

Household economics gives attention to the care of the house and its furnishing; sanitation, the scientific principles involved and practices conducive to maintaining healthful conditions.

All subjects are taught through manual activity, requiring the preparation of meals in cooking and the making of actual garments in sewing.

An outline of the courses in education, chemistry, drawing and bacteriology will be found in the announcement of courses in their respective departments.

On account of the large amount of material used in the department a special fee of one dollar each quarter will be collected from all students pursuing this course.

On account of the multiplicity of classes, the course in Domestic Science and Art may begin only with the fall quarter.

#### REGULAR TWO YEARS' COURSE.

1. Group of required Subjects (see p. 47).....144 Weeks
2. Elementary and Organic Chemistry..... 36 Weeks

3. Elementary Drawing and Design.....	24 Weeks
4. Bacteriology .....	12 Weeks
5. Cookery .....	36 Weeks
6. Household Economics, marketing and serving, laundry work, sanitation and home nursing .....	12 Weeks
7. Sewing, basketry, weaving and elementary hand work .....	24 Weeks

### THREE YEARS' COURSE.

On account of the tendency toward higher professional requirements on the part of some school authorities, the department advises a third year's work to all who can afford to undertake the same. In addition to the regular Two Years' course the following subjects are recommended:

Advanced Work in Education.....	36 Weeks
Advanced Chemistry.....	24 Weeks
Advanced Physiology.....	12 Weeks
A Modern Language.....	36 Weeks
Dietetics .....	12 Weeks
Millinery .....	12 Weeks
Elective .....	12 Weeks

The degree of B. Pd. will be granted upon the satisfactory completion of this course.

# NAMES OF STUDENTS

## High School Department

### NINTH AND TENTH GRADE STUDENTS

Albertson, Emory .....	Ann Arbor
Albertson, Russell.....	Ann Arbor
Barker, Clara .....	Canton
Barlow, Helen .....	Ypsilanti
Barrett, Edwin .....	Ypsilanti
Barrett, Edward H.....	Ypsilanti
Barrowcliff, Claude .....	Ypsilanti
Bedell, Guy Russell.....	Ypsilanti
Bell, Donald .....	Ypsilanti
Bell, Harley .....	Ypsilanti
Bird, Clara Helen.....	Ypsilanti
Blair, Mary Christine.....	Ypsilanti
Blair, Margaret Elizabeth.....	Ypsilanti
Brundage, Oscar .....	Belleville
Bullock, George S.....	Salem
Burke, Vera May .....	Ypsilanti
Button, Lois .....	Ypsilanti
Canfield, Leroy Bennett.....	Canton
Carleton, Jessie Lonora.....	Belleville
Chapman, Catharine.....	Ypsilanti
Churchill, Beth .....	Ionia
Crippen, Florence .....	Ypsilanti
Crippen, Ida .....	Ypsilanti
Crippen, Catherine Charlotte.....	Ypsilanti
Davis, Marion .....	Ypsilanti
Davis, Orpha N.....	Ypsilanti
Dawson, Elmer Edward.....	Ypsilanti
Dickerson, Clark .....	Willis
Dolby, Maude .....	Ypsilanti
Dolby, Lutie I.....	Ypsilanti
Duris, Esther .....	Ann Arbor
Eggleston, Evalyn V.....	Ypsilanti

Evans, Eugene Henry.....	Canton
Fletcher, George .....	Ypsilanti
Freeman, Pearl .....	Ypsilanti
Fuller, Grace E.....	Gregory
Galpin, Luella .....	Ann Arbor
Gould, Helen Emma.....	Willis
Greene, Bessie .....	Ypsilanti
Greene, Halmer .....	Ypsilanti
Haner, Lelah F.....	Milan
Harker, Glen W.....	Ypsilanti
Harris, Max D.....	Milan
Heckman, Roberta .....	Ann Arbor
Heckman, Pearl .....	Ann Arbor
Hindelang, Bertille .....	Ypsilanti
Hughes, Catharine Loretta.....	Ypsilanti
Jobson, Claude .....	Ypsilanti
Johnson, Delos .....	Ypsilanti
Johnson, Ruth L.....	Lambertville
Knaggs, Hazel Grace.....	Ypsilanti
Maybee, Grace E.....	Belleville
Marshall, Harry Scott.....	Ypsilanti
McClaughey, Clara E.....	Romulus
McMillen, Clifford .....	Ypsilanti
McMillen, Carl .....	Ypsilanti
Miller, Ruth .....	Ypsilanti
Mosser, Ila .....	Ann Arbor
Norton, Glen .....	Ypsilanti
O'Brien, Margaret .....	Milan
Oehmke, Ethel .....	Ypsilanti
Parry, Maude .....	Detroit
Palmer, Neil I.....	Maybee
Piper, Elmer F.....	Palatka
Richards, Edmund .....	Ypsilanti
Riggs, Fay .....	Ypsilanti
Rood, Paul .....	Stony Creek
Roselle, Clarence .....	Ypsilanti
Ryan, Olive .....	Ypsilanti
Rynearson, Elton .....	Ypsilanti
Sage, Florence .....	Ypsilanti

Sage, Irene .....	Ypsilanti
Shaner, Rosena .....	Ypsilanti
Sundburg, Josie .....	Ypsilanti
Thompson, Helen .....	Ypsilanti
Wiles, Grace .....	Canton
Willard, George W. ....	Ypsilanti

### PREPARATORY STUDENTS

Barber, Ray .....	Ypsilanti
Bechraft, Adelia .....	Tipton
Clark, Mabel A. ....	Ypsilanti
Court, Bessie M. ....	Ypsilanti
Davis, Emilee E. ....	Ypsilanti
Duris, Esther .....	Ann Arbor
Elliott, Lyndall H. ....	Bravo
Goodspeed, Ina H. ....	Ypsilanti
Gracy, Clifford .....	Shabbona
Graham, Ercell .....	Tyre
Gurley, Edna F. ....	Ypsilanti
Harris, Ralph .....	Milan
Head, Frank .....	Milan
Jacox, Etta M. ....	Belleville
Kelley, Catherine .....	Howell
Kingston, Viola B. ....	Calumet
Lavey, Frances C. ....	Dexter
Mulholland, Ethel E. ....	Ypsilanti
Nowland, Ruth F. ....	Ann Arbor
O'Neill, Jennie .....	Hubbardston
Place, Carrie .....	Canton
Quinn Mary .....	Caseville
Richmond, Ola .....	Ann Arbor
Rolph, Alta M. ....	Sandusky
Shaw, Velma M. ....	Port Huron
Smith, Josie .....	Canton
Wells, Ethel .....	Grelton, Ohio
Williams, Flora .....	Ypsilanti

### FIRST YEAR STUDENTS

Albertson, Ruth C. ....	Ann Arbor
Anderson, Emma .....	Moline

Bergin, Ethel A.	Ypsilanti
Bonilla, Victor	Cali, S. America
Brooks, Hazel L.	Ypsilanti
Clark Calla	Belleville
Davis, Benjamin W.	Pentwater
Ferguson, Kier	Ypsilanti
Finch, Theron	Ypsilanti
Forbes, Agnes M.	Ypsilanti
Gillam, Beryl A.	Stockbridge
Harper, Grace L.	Ypsilanti
Harper, John L.	Ypsilanti
Lambie, Mary E.	Ypsilanti
Leu, Margaret	Savanna, Ill.
May, Margaret H.	Ypsilanti
McNeece, Allie	Morley
McVean, Ethel B.	Pontiac
Miller, Mary H.	Saline
Noakes, Anna C.	Detroit
Palmer, Omar F.	Maybee
Parks, Harold	Scotts
Sage, Florence	Ypsilanti
Saunders, Flora B.	Ypsilanti
Smellie, Donald G.	Ypsilanti
Smith, Geneva J.	Ypsilanti
Starner, Carrie M.	Vista, Mo.
Stoddard, Florence	Eaton Rapids
Wrigley, Mary A.	Fremont, Ohio

## SECOND YEAR STUDENTS

Anderson, Silva T.	Molina
Austin, Nina	Plymouth
Becker, Albert W.	Manchester
Benedict, Leta	Maple Rapids
Brundage, Oscar E.	Belleville
Cackler, Harriet C.	Moline
Caldwell, Mattie	Hawks
Cross, Harry G.	Troy
Crump, Susie M.	Bay City
Donahue, Rose E.	Ypsilanti



Edwards, Nina .....	Harrisville
Faulkner, Maude .....	Port Huron
Foster, Clarence .....	Seville, Ohio
Foster Ethelyn .....	Fowlerville
Goodrich, Anna M.....	Stuttgart, Ark.
Hart, H. G.....	Smith's Creek
Hindelang, Odo .....	Ypsilanti
Hunter, Grace .....	Grand Ledge
Kelley, Catherine .....	Howell
Maggy, Amos .....	St. Joe, Idaho
McCook, R. W.....	Oak Grove
McIlvaine, John H.....	Seville, Ohio
McKenney, Ella .....	Yale
McKenzie, Mary .....	Johannesburg
Nolan, Rose G.....	Emmet
Rouse, Ruth A.....	Ypsilanti
Spofford, Inez M.....	Turner
Stewart, Hugh .....	Elba
Vanderbilt, Lettie .....	Batavia
Wigle, Joy V.....	Webberville
Wilson, Helen A.....	Chelsea
Withey, Celia E.....	Sparta
Wright, Samuel M.....	Port Austin

### THIRD YEAR STUDENTS

Adams, Claribel J.....	Ypsilanti
Adams, Helen L.....	Athens
Aldrich, Mildred .....	Albion
Alger, Edna .....	Clarkston
Allen, Mae E.....	Carleton
Alshbach, Theresa E.....	Lake Linden
Anderson, Agnes .....	Ironwood
Anderson, Mary .....	Tustin
Anderson, Junetta .....	Tustin
Arnot, Louise .....	Milan
Arthur, Janet .....	Painesville, Ohio
Arthur, Norman E.....	Elkton
Atkins, Alice E.....	Grand Rapids
Atkins, Lorena .....	Deerfield
Austin, Mrs. Allie.....	Ypsilanti

Ayers, Avis J.	Ypsilanti
Babcock, Roscoe W.	Sandusky, Ohio
Banberry, Ruth	Lake Linden
Banks, Catherine	Oxford
Bansill, Linnolette	Bellaire
Bardon, Mary	Caro
Barnes, Ruth A.	Waldron
Barr, Genevieve I.	Saline
Barr, Margaret	Edwardsport
Barr, Relis	Ludington
Bartow, Ethel L.	Williamston
Batson, Margaret E.	Ionia
Beach, Ethel	Millington
Beard, Etta	Pentwater
Beard, Marcia	Pentwater
Becker, Lulu M.	Pontiac
Beeby, Grace I.	Sparta
Bell, Irma R.	E. Las Vegas, N. M.
Bell, Jessie E.	E. Las Vegas, N. M.
Bellamy, Grace E.	Mason
Bellamy, Pearl	Concord
Bellus, Lena E.	Adrian
Benedict, Don M.	Portland
Benjamin, Anna L.	Grand Rapids
Benson, Frances G.	Berrien Springs
Bentz, Emily D.	Jonesville
Benzin, Sophia	Wyandotte
Betts, Hazel L.	Mt. Clemens
Reven, Margaret.	Elkhart, Ind.
Bice, John M.	Ypsilanti
Bierkamp, Mary A.	Detroit
Billings, Grace D.	Lyons
Bills, Hattie	Merle Beach
Black, Olive	Richmond
Boise, Gladys M.	Union City
Bolender, Elva	Sparta
Bond, Nina A.	Allen
Bond, Ruth H.	St. Johns
Bowers, Myrta	Mt. Clemens

Bowman, Idella .....	Monroe
Boyle, Dona .....	Milford
Bracelin, Pearle A. ....	Allegan
Brandes, Jessie L. ....	Jackson
Breining, Bessie .....	Ypsilanti
Breitenwischer, Emma .....	Manchester
Brice, Edith .....	Manistee
Brice, Ethel .....	Manistee
Brotherton, Mabel. ....	Grand Rapids
Brown, Gladys .....	Clinton
Brown, Helen .....	Constantine
Brown, Mabel .....	Herperia
Brown, Mabel .....	Niles
Buechler, Hazel .....	New Baltimore
Burbank, Eliza M. ....	Detroit
Burch, Grace E. ....	White Pigeon
Burder, Stella .....	Calumet
Burkman, Mary .....	Traverse City
Burnstrum, Gerda E. ....	Custer
Burt, Ethel .....	Capac
Burton, Lea .....	Benton Harbor
Burton, Mary .....	Benton Harbor
Butler, Minnie M. ....	Morenci
Butts, Adele S. ....	Stillwater, Minn.
Byrum, Warren D. ....	Leslie
Campbell, Eva .....	Newberry
Campbell, Nettie A. ....	Parma
Canfield, Heman .....	Fayette, Ohio
Carpenter, Nellie .....	Springport
Carr, Charlotte .....	Union City
Carrett, Eva S. ....	Niles
Carroll, Agnes W. ....	Negaunee
Carroll, Charles .....	Grand Rapids
Cary, Aileen .....	Grand Rapids
Case, Jennie E. ....	Belleville
Case, Lydia L. ....	Ypsilanti
Catton, Ione .....	Benzonia
Cawood, Martha .....	Marlette
Chadwick, Grace .....	Muskegon

Challis, Myrtle .....	South Lyons
Chick, Pauline .....	Standish
Childs, Fern .....	Hudson
Churchill, Gaile .....	Ionia
Clark, Daisy .....	Jackson
Clark, Grace M. ....	Ypsilanti
Clark, Murnah E. ....	Milford
Cleary, Charles B. ....	Ypsilanti
Closs, Mabel I. ....	Lake Linden
Clute, Josephine .....	Ypsilanti
Cole, Isabel L. ....	Shaftsbury, Vt.
Cole, Walter .....	Cedar Springs
Collar, Willis H. ....	Mason
Cone, Oscar C. ....	Milan
Conklin, Edmund .....	Oak Grove
Connell, Helen G. ....	Detroit
Cooney, Joseph .....	Durand
Corbin, Elizabeth F. ....	Sherwood
Cough, Mabel .....	Orland, Ind.
Coughlin, Sybil E. ....	Big Rapids
Crandall, Elsie A. ....	Detroit
Crandall, Neva .....	Schoolcraft
Crawford, Ellen .....	Ellsworth
Crockett, Edna M. ....	St. Clair
Crofoot, Bessie L. ....	Fowlerville
Crotty, Eleanor A. ....	Dollar Bay
Crowley, Kathryn .....	Leslie
Cullin, Carolyn L. ....	Ypsilanti
Cummings, Jessie V. ....	Ypsilanti
Cuny, Florine .....	Navarre
Daly, Stella F. ....	Newark, Ohio
Daniel, Meta C. ....	Millington
Darr, Lillian G. ....	Freesoil
Davidson, Altie R. ....	Evart
Davis, Dan M. ....	Pentwater
Davis, Evelyn E. ....	Mt. Clemens
Day, Florence .....	Lansing
Dean, Helen M. ....	Ann Arbor
DeForest, Georgianna .....	Ann Arbor

Dehn, Frances M.....	Portland
Deneen, Ezra .....	Imlay City
Dewey, Florence R.....	Adrian
Dey, Reginald .....	Fowlerville
Dickinson, Edna L.....	Marshall
Dickison, Olive .....	Ypsilanti
Doherty, Elizabeth .....	Detroit
Dolby, Margaret .....	Mt. Clemens
Douglas, Carrie M.....	Grand Rapids
Dowler, Mrs. Harriet.....	Ann Arbor
Drake, El Freda.....	Ypsilanti
Drolet, Regina .....	Munising
Duncan, Ethel M.....	Muskegon
Durfee, Harry C.....	Oak Grove
DuRoche, Vitalie A.....	Marquette
Dutt, Alice B.....	Hudson
Eaton, Sylvia .....	Ypsilanti
Eberhart, Anna M.....	Clare
Eder, Marguerite .....	Chelsea
Edgcumbe, Eileen .....	Weston, Ohio
Edison, Hazel .....	Ann Arbor
Ellitt, Winogene .....	Mason
Elliott, Charles M.....	Ypsilanti
Elliott, Myrtie E.....	Pontiac
Ellis, Gertrude K.....	Detroit
Elsey, Ethel L.....	Hetherton
Elsey, P. Edna.....	Hetherton
Erf, Norma .....	Bellevue, Ohio
Estep, Beach W.....	Ypsilanti
Evans, Audrey .....	Ludington
Evans, Lora .....	Eau Claire
Ewing, Grace M.....	Harbor Springs
Fanning, Rena .....	Richmond
Farley, Jean H.....	Almont
Feustermacher, Verna L.....	Marcellus
Ferguson, Valeria E....	Durand
Fiedler, Adelaide L.....	Holt
Field, Anna E.....	Durand
Field, Blanche M.....	Quincy

Filkins, Grace .....	Oak Grove
Finch, Guy .....	Berville
Findley, Myrtle .....	Litchfield
Fisher, Martha E. ....	Petersburg
Flanely, Amy .....	Ludington
Fleming, Lucile.....	Sault Ste. Marie
Fleming, Nina .....	Flint
Fletcher, Sheldon .....	Linden
Franck, Sara M. ....	Nashville
Franck, Grace .....	Nashville
Friar, Florence .....	Grand Rapids
Fuller, Florence .....	Richmond
Gaddum, Hazel .....	Stanton
Gardner, Altha .....	Pentwater
Garrod, Lucy E. ....	Willis
Geerds, Gertrude .....	Fremont
Gill, Allena E. ....	Central Lake
Gillette, Irene M. ....	Niles
Glenny, Oscar .....	Ypsilanti
Goodrich, Nora E. ....	Marshall
Goodyear, Frances A. ....	Manchester
Gorton, Herman F. ....	Stockbridge
Grant, Ethelyn .....	Fowlerville
Grant, Edith M. H. ....	East Tawas
Grant, Mary B. ....	Sault Ste. Marie
Greene, Cora E. ....	Romeo
Greenman, Helen .....	Grand Rapids
Greenman, Mildred E. ....	Grand Rapids
Gregory, Helen S. ....	Jonesville
Grier, Minerva .....	Standish
Griswold, Pearl .....	Hudson
Grout, Edith .....	Croswell
Guenther, Mabel A. ....	Ann Arbor
Hale, Louise .....	Traverse City
Hale, Pearl .....	Hesperia
Hall, Florence .....	Elm Hall
Handyside, Morrison .....	Wayne
Hanson, Eva .....	Mentor, Ohio
Hardie, Edith .....	Hudson

Harrington, Ida N.....	S. Shaftsbury, Vt.
Harris, Bess .....	Boyne
Harris, Florence V.....	Pinckney
Harten, Alma C.....	Bay City
Hartwick, Bertha M.....	Mason
Harvey, Harold G.....	Ypsilanti
Hathaway, Helen .....	Edan, Ohio
Haughton, Grace E.....	Toledo, Ohio
Haugstafer, Rebecca J.....	Big Rapids
Hauser, Lena .....	Three Oaks
Haven, Vera .....	Grass Lake
Hay, Verna F.....	Wyandotte
Heasley, Linn F.....	Burnips Corners
Heffner, Edith L.....	Clyde, Ohio
Heffner, Nellie E.....	Clyde, Ohio
Hertler, Lilian B.....	Urania
Hicks, Bessie M.....	Albion
Hindelang, Marie .....	Chelsea
Hoag, Marianna .....	Adrian
Holbrook, Margaretta A.....	Union City
Holden, Myrtie M.....	Wakeman, Ohio
Hollenbeck, Eliza .....	Bellevue
Hollinshead, Bonnelyn H.....	Colon
Holly, Eva .....	Pewamo
Holly, Jessie .....	Pewamo
Holt, Grace .....	Newberry
Holt, Hortense M.....	Vermontville
Hooper, Jessie L.....	South Lyon
Hooper, Royal.....	South Lyon
Hopkins, Ruby .....	Battle Creek
Howell, Janet W.....	Covington, Ky.
Howell, M. Effie.....	Howell
Howes, Ollie .....	Lawrence
Hubbard, Linnwood .....	Ypsilanti
Huhn, Nina A.....	Saranac
Hummel, Hazel .....	Chelsea
Humphrey, Carolyn .....	Cheboygan
Hungerford, Flavia .....	Cadillac
Hunt, Vera E.....	Saranac

Hunter, Edna .....	Capac
Huntly, Gertrude M.....	Grand Rapids
Hutchins, Alice.....	Lawrence
Hutting, Eleonora C.....	Ypsilanti
Hutton, Vernona .....	Bay City
Irwin, May M.....	Detroit
Jackson, Emma A.....	Wayland
Jackson, Will A.....	Hesperia
Jameson, Anna.....	Fairgrove
Jenks, Winifred F.....	Birmingham
Jennings, Lola B.....	Detroit
Jennings, H. Wallace.....	Webster, N. Y.
Jennings, Winifred .....	Owosso
Johnson, Iva E.....	Willis
Johnson, Helen .....	Grayling
Johnson, Millicent Mae.....	Adrian
Jones, Gwladys .....	Newark, Ohio
Jordan, Vera L.....	Muskegon
Kandt, Josephine M.....	Utica
Kandt, Rose A.....	Utica
Keith, Helen .....	Mt. Clemens
Kelley, Genevieve M.....	Grand Rapids
Kellogg, Anna Belle .....	Howell
Kelly, Nellie M.....	Oxford
Kemp, Azalia M.....	Calumet
Kenny, Mabel E.....	Hamburg
Kilbourne, Kathleen .....	Ann Arbor
Kilian, Harold .....	Ypsilanti
King, Bertha B.....	Pontiac
Kingsley, Katharine .....	Milford
Klackle, Ella E.....	Stevensville
Knibloe, Jessie F.....	Wauseon, Ohio
Kneip, Therese A.....	Ypsilanti
Knight, Alice .....	Laingsburg
Knight, Mrs. Cora F.....	Ypsilanti
Knight, Lela M.....	Pontiac
Knivel, Louise F.....	Calumet
Koehn, Hazel E.....	Detroit
Krapsic, Katherine .....	Ontonagon



Kriener, Winifred .....	North Branch
Krull, Luella F.....	Union City
Kyle, Grace .....	Pontiac
Laing, Winifred B.....	Ortonville
Lamb, Helen W.....	Detroit
Lancaster, Fanny .....	Burr Oak
Lathers, Arthur W.....	Ypsilanti
Lathers, Edith .....	Ypsilanti
Lawyer, Mae .....	Grand Rapids
Leavenworth, James D.....	Novi
Lennon, Mabel .....	Mayville
Lewis, Caroline S.....	Ypsilanti
Lewis, Edith M.....	Pontiac
Lewis, Evangeline .....	Ypsilanti
Lewis, Harry P.....	Clark Lake
Lewis, Sara H.....	Ypsilanti
Lewis, Vera M.....	Adrian
Lewis, Winnifred .....	Ypsilanti
Libbers, John G.....	Fremont
Lillie, Claire G.....	Lowell
Lindner, Lillie .....	Reed City
Littlefield, Neva .....	Ovid
Lockhart, Olive .....	Frankfort
Lockwood, Effa .....	Williamston
Lockwood, Neita .....	Williamstown
Loree, Carrie M.....	Fowlerville
Loring, Delia .....	Owosso
Lucking, Lydia F.....	Ypsilanti
Lundgren, Naima .....	Ironwood
Lutz, Amanda .....	Saline
Lyon, Louise .....	Mayville
Mack, Sarah .....	Marcellus
Mackie, Mabel C.....	Flat Rock
Mahoney, Mary .....	Onaway
Mailhott, Elizabeth .....	Grand Rapids
Major, Cordelia .....	Muskegon
Malpass, Frances .....	East Jordan
Manon, Cora Ruth.....	Hudson
Markham, Isabel F.....	Alanson

Matthews, Emma C.....	Walled Lake
Melican, Mamie .....	Manistique
Merritt, C. E.....	Eau Claire
Merriman, Lawrence .....	Wayne
Metler, Lettie .....	Flat Rock
McAntee, Kittie .....	St. Joseph
McCandless, Edna .....	Sault Ste. Marie
McCarthy, Justin M.....	Fenton
McConnele, Betty .....	Betty
McCreery, Elizabeth M.....	Fenton
McDonald, Eathel H.....	Marshall
McDonald, Grace C.....	Bad Axe
MacDonald, Isabel .....	Au Sable
McDonald, Jennie .....	Bad Axe
McGregor, Nellie M.....	Detroit
McKay, Margaret .....	East Jordan
McKechnie, Isabel G.....	Mancelona
McKinnon, Florence .....	Germfask
McLain, Flora F.....	Pewamo
McLouth, Florence .....	Ann Arbor
McManus, Maud L.....	Eaton Rapids
McManus, Zella A.....	Eaton Rapids
McNeece, Teenie E.....	Morley
Milbourne, Marie .....	Charlotte
Miller, Brownie E.....	Ypsilanti
Miller, Cressie .....	Three Oaks
Mills, Edna E.....	Ypsilanti
Milton, Clare L.....	Armada
Mohler, Dora E.....	Woodland
Monks, M. Lela.....	Pinckney
Montague, Opal E.....	Bellaire
Montgomery, Asenath J.....	Jackson
Moore, Carrie M.....	Rochester
Moore, Clarence A.....	Sparta
Morin, Pomala O.....	Whitehall
Morrison, Mary E.....	Dexter
Moser, Hazel I.....	Mt. Clemens
Mosher, Charles E.....	Romeo
Mulder, Mary .....	Spring Lake

Mumford, Edgar H. E.	Adrian
Munton, Beatrice	Morgan
Nantell, Margaret	Opechee
Nelson, Emma	Frankfort
Nesbitt, Alice	East Tawas
Neverth, Albert A.	Rushton
Neverth, Lela	Howell
Newberg, Katherine E.	Ludington
Nickerson, Hazel	Bellevue
Noggle, Frank	Andrews, Ind.
Norris, Lena	Owosso
Norton, Faye A.	Sparta
Norton, Mae J.	Ewen
Nowlin, Nina A.	Detroit
Oberst, Ambersine G.	Ypsilanti
O'Brien, Bertha	Hubbardston
Ocobock, Cathern	South Haven
O'Connell, Maud	Montague
Olds, Hazel D.	Ypsilanti
Olsen, Amelia	Frankfort
Olsen, Bessie M.	Ludington
O'Neill, Teresa J.	Hubbardston
Oltgen, Dora M.	Morenci
Palmer, Constance M.	Frankfort
Palmer, Hazel	Northville
Palmer, Mabel	Milford
Palmer, Mary L.	Pontiac
Pardee, Mary L.	Detroit
Parks, Elizabeth	Ypsilanti
Patterson, Edna M.	Burton
Pearl, Eva M.	Benton Harbor
Pease, Ethelyn	Sparta
Pease, Josephine V.	Johnson City, Tenn.
Peattie, Lulu	Mt. Clemens
Peck, Mildred B.	Detroit
Pell, Charlotte	Detroit
Pentland, Ada	Newberry
Percy, Grace M.	Ypsilanti
Perry, Ruth E.	Howard City

Peterson, Abbie .....	Manistique
Peterson, Esther .....	Whitehall
Phelps, Jennie .....	Lapeer
Phillips, Grace .....	Rochester
Pinkham, Clara .....	Ionia
Potter, Sena .....	Thompsonville
Potts, Edith M. ....	Strongville
Powers, Elizabeth .....	Pleasant Lake, Ind.
Powers, Gerald E. ....	Ferry
Pratt, LeRoy A. ....	Armada
Prentiss, Nelly M. ....	Detroit
Quibell, Cora B. ....	Ypsilanti
Quinn, Thecla .....	Grand Rapids
Quirk, Mary .....	Detroit
Rankin, Grace .....	Dundee
Rankin, Hersee D. ....	Milan
Rauschenberger, Laura .....	Manchester
Raymo, Gladys M. ....	Wayne
Raxford, Avis M. ....	Allegan
Reardon, Regina .....	Bay City
Reaume, Blanche .....	Grosse Isle
Reid, Estelle .....	Birmingham
Renton, Mary E. ....	Belleville
Reynolds, Grace M. ....	Howard City
Richards, Delia .....	Ypsilanti
Richards, Hazel .....	Grand Rapids
Richards, Judith .....	Ypsilanti
Richards, L. Pearl. ....	Ypsilanti
Richards, Marcella .....	Rockland
Richards, Pearl .....	Wolverine
Riddering, Albert A. ....	Zeeland
Robinson, Margaret E. ....	Ypsilanti
Rock, Leon F. ....	Middleville
Roeser, Emma .....	Freeland
Rolph, Gertrude L. ....	Sandusky
Ronan, Isabelle .....	Marshall
Root, Elora F. ....	Manchester
Roscoe, Mabel .....	Nashville
Rose, Ida K. ....	Hubbell

Rosecrans, Donna .....	Carson City
Rosenthal, Aimee .....	Turner
Rowe, Charles Percy.....	Flushing
Ruben, Esther A.....	Lowell
Ryan, John P.....	Detroit
Ryan, Vera .....	Alto
Sage, Genevieve M.....	Ypsilanti
Sage, Inez T.....	Ypsilanti
Scalf, Fred O.....	Harbor Springs
Scalf, Ray W.....	Harbor Springs
Schairer, Eva S.....	Saline
Schaub, Luella L.....	Boyne City
Scheel, Emilee .....	Detroit
Schmidt, Bertha J.....	Ypsilanti
Schoen, A. Elizabeth.....	Dexter
Scott, Alice M.....	Blissfield
Scott, Florence H.....	Lowell
Scott, Sarah L.....	Ypsilanti
Selden, Blanche .....	Clarkston
Sellen, Evaline B.....	Saline
Shaw, Clara .....	Evart
Shaw, Milton .....	Morrice
Sheehan, Katherine .....	Grand Rapids
Sheehan, Elizabeth P.....	Calumet
Sheffield, Elizabeth A.....	Grand Rapids
Sherzer, Allan F.....	Ypsilanti
Shockley, Mildred .....	Gaylord
Sias, Louise .....	Tower
Skelley, Alice C.....	Vassar
Slater, Mary P.....	Battle Creek
Slating, Clara .....	Romeo
Smatts, Edith .....	East Jordan
Smith, C. Alberta.....	Lexington
Smith, Bertha F.....	Freesoll
Smith, Frances E.....	Chesaning
Smith, Grace E.....	Bay City
Smith, Hazel .....	Grand Rapids
Smith, Ina J.....	Pontiac
Smith, Inez .....	Nashville

Smith, Jessie E.....	Ypsilanti
Smith, Julia M.....	Clarkston
Smith, M. Lucile.....	Tawas City
Sorby, Ernestine E.....	Addison
Southard, Marguerite E.....	Lowell
Southwick, M. Aurora.....	Sherman
Spencer, Lois B.....	Pennellville
Spink, Luella A.....	Milan
Sprague, Gertrude .....	Douglas
Springsteen, Vidia .....	Frankfort
Stanton, Beatrice .....	Belding
Stanton, Hazel M.....	Midland
Steimle, Russell .....	Atlantic Mine
Stetson, Marie A.....	Cheboygan
Stitt, Hazel M.....	Leslie
Stocking, Mavret E.....	Painesville, Ohio
Storr, Ada L.....	Olivet
Straffon, Ernest .....	Croswell
Stratton, Hazel .....	Charlotte
Stull, Bessie I.....	Pontiac
Sudborough, Alice L.....	Adrian
Sullivan, Evelyn H.....	Negaunee
Sumner, Adah G.....	Montague
Surgenor, Ruth T.....	Rochester, N. Y.
Symons, Jennie .....	Hubbell
Tague, Rhe O.....	Constantine
Tappen, Ethel .....	Deerfield
Taylor, Edna .....	Battle Creek
Taylor, Grace K.....	Almont
Taylor, Julia .....	Richmond
Taylor, Mabel .....	Caro
Theiler, Julia E.....	Grand Haven
Thompson, Audrey B.....	Detroit
Thompson, George E.....	Clare
Thompson, Marjorie.....	Minneapolis, Minn.
Thon, E. Louise.....	Wyandotte
Thorne, Isabella .....	Fennville
Thwaites, Helene B.....	Ypsilanti
Tinker, Bernice .....	Clio

Traub, Louise M.	Deerfield
Travis, Marguerite	St. Johns
Tripp, Eva M.	Ewart
Trojanowski, Ella	Ann Arbor
Truman, Gladys N.	Menton
Tucker, Bessie E.	Pontiac
Tucker, Reva	Imlay City
Tyler, Georgiana	Marine City
Ullman, Stella	Whitehall
VanDuzer, Margaret	Saline
VanDyke, Anna	Grand Rapids
Vanitvleet, Sylvia H.	Waucesdah
Vermeulen, Nelly	Zeeland
Veitengruber, Florence	Millington
Vogelbacher, Georgia	Wayne
Voorheis, Grace O.	Ovid
Wade, Florence	White Pigeon
Waite, Frank E.	Hastings
Waite, Lulu M.	Ovid
Waller, Myrtle E.	Cheboygan
Waller, Olive P.	Cheboygan
Walsh, Gladys	Bath
Walter, Grace L.	Mason
Walther, Anna	Saginaw
Ward, Melinda	Painesville, Ohio
Warren, Jennie J.	Olivet
Warren, Mary V.	Olivet
Watkins, Lida M.	Hadley
Way, Hazel	Clinton
Webster, Dollie L.	Fenton
Weddel, Grace M.	Battle Creek
Weed, Bertha	Fennville
Weidemann, Emma	Detroit
Wells, Minnie E.	Benton Harbor
Wertenberger, Ira	Frontier
Weter, Grace E.	Richmond
Wicks, Pauline D.	Detroit
Wightman, Eva	Hart
Wilcox, Anna M.	Three Rivers

Wilkinson, Jessie E.....	Northville
Williams, Lucy E.....	Ypsilanti
Willson, Marion S.....	Flint
Wimmer, Radie .....	Union City
Wise, Ray I.....	Reed City
Witmire, Leo J.....	Ypsilanti
Wolenburgh, Lillian M.....	Detroit
Wood, Fern .....	Mancelona
Wood, Jennie L.....	North Baltimore, Ohio
Woods, Laura .....	Burr Oak
Woodward, Mae R.....	Ypsilanti
Woodworth, Margaret L.....	Ovid
Wylie, Alma .....	Saginaw
Wylie, Blanche .....	Saginaw
Yeckley, Francis .....	Ypsilanti
Yell, Veloura L.....	Muskegon
Yott, Mrs. Frank.....	Ypsilanti
Young, Fay A.....	Battle Creek
Young, J. Margaret .....	Onaway
Youngquist, Jenny .....	Port Austin

## FOURTH YEAR STUDENTS

Ackerly, Florence M.....	Jonesville
Adams, Hattie .....	Temperance
Agnew, Rachel .....	Mt. Clemens
Alexander, Mary L.....	Sandusky
Allchin, Blanche .....	Wehberville
Allen, Eva M.....	Clinton
Anderson, Florence E.....	Big Rapids
Anderson, Grace P.....	Detroit
Anson, Isabelle .....	Detroit
Anthony, Beulah E.....	Hart
Applin, Helen M.....	East Tawas
Arnold, Mildred .....	Three Rivers
Arnold, Marion E.....	Ionia
Avery, Lillian .....	Adrian
Avery, Harold G.....	Grand Rapids
Ayres, Orpha M.....	Dearborn
Babcock, Earl .....	Britton



Backus, Anna .....	Dansville
Banghart, M. Evelyn.....	Mayville
Barnaby, Olive .....	Holland
Barnum, Milly E.....	Iron River
Barber, Maude E.....	Howard City
Barlow, Beatrice .....	Ypsilanti
Barton, Olive N.....	White Cloud
Bates, Frank .....	Edon, Ohio
Beach, Mary .....	Denton
Beacom, Etta E.....	Pickford
Beam, Elias H.....	Shelby
Beard, Ada .....	Yale
Beard, Zella .....	Yale
Beckett, Mary H.....	Bay City
Becraft, Lucy W.....	Watervliet
Beeby, Adeline L.....	Sparta
Beers, Della E.....	Hillsdale
Bell, Maude.....	Sault Ste. Marie
Bennett, Bessie H.....	Bay City
Bergin, Bertha .....	Lowell
Best, Florence M.....	Grand Rapids
Beyschlag, Grace .....	St. Clair
Black, Ruby N.....	Benton Harbor
Blackmore, Beulah .....	Vassar
Blades, Hazel J.....	Lansing
Blair, Maude .....	Homer
Bliss, Bernice .....	Rochester
Brack, Alvena .....	Stanwood
Bracken, Ann .....	Belding
Braunschweigen, Magdalen .....	Troy, Ohio
Brewer, Floyd .....	Saginaw
Briggs, Myrtle .....	Edenville
Brink, L. R.....	Rockfort
Brown, Amy J.....	Columbus, Ind.
Brown, Mary L.....	Portland
Browne, Bess .....	Nashville
Brunger, Mabel .....	Grand Ledge
Brunk, Louis F.....	Mansfield, Ohio
Brunner, Edwin .....	Albion

Bryan, F. C.	Mt. Morris
Bullock, Adelle	Lapeer
Bullock, EmoJane	Detroit
Burck, Cora A.	Ithaca
Burean, Adelaide	Detroit
Burleson, Katherine	Swartz Creek
Burridge, Alice	Benton Harbor
Butler, Emma	Ypsilanti
Butler, Florence	Emmet
Byrn, Marshall L.	New Salisbury, Ind.
Caffrey, Mary E.	Jackson
Call, Leonard J.	Williamston
Cameron, Burton G.	Central Lake
Campbell, Ella	Fenton
Campbell, Jennie	Fenton
Campbell, Winnifred	Reading
Carey, Georgia	Mt. Clemens
Carpenter, Laura M.	Ewart
Carpenter, Pearl B.	Standish
Carr, Leon J.	Athens
Carter, William T.	Flat Rock
Cawood, John	Marlette
Chambers, Ruth	Burr Oak
Chapman, Earl O.	Ypsilanti
Chapman, Oril	Ypsilanti
Cheal, Mrs. Vietta M.	Ypsilanti
Church, Margaret	Hartford
Clark, Edna M.	Clare
Clark, Nell E.	Ypsilanti
Clarkson, Hazel	North Branch
Clinton, Mabel F.	Pinckney
Collins, Gertrude E.	Saline
Colvan, Ellen	Ypsilanti
Colvin, Della	Pontiac
Conley, Blanche E.	Columbiaville
Conrad, Ida E.	Royal Oak
Cook, Annie M.	Owosso
Cook, Grace	Montgomery
Cook, Mina	Mancelona

Copley, Belle	Ypsilanti
Cottingham, Edna M.	Detroit
Coulthard, Cecile	Shelby
Crockett, Annie M.	Gretton, Ohio
Cross, Jessie	Flint
Cross, Josie K.	Bangor
Cullinane, Nellie A.	Grand Rapids
Currier, Fred P.	Gale
Curtiss, Hazel	Grand Rapids
Cushman, Belle	Bath
Cuthbert, Katherine	Holly
Darke, Esther D.	Northville
Darling, Elizabeth M.	Grand Rapids
Davidson, Ethel L.	Chelsea
Davis, Blanche	Mason
Davis, Clara	Grand Rapids
Davis, Ethel S.	Fenton
Davis, Olive L.	Fenton
Dawson, Mrs. Allie	Ypsilanti
DeConick, Mary Irene	Orchard Lake
Defendorf, L. Margaret	Dowagiac
DeForest, Carl B.	Ann Arbor
Deibel, Catherine C.	Saginaw
Dell, Lillian	Carson City
Deubel, Ethel	Ypsilanti
deZeng, Vera	Manistique
Dick, Jason P.	East Saugatuck
Dickerson, Florence M.	Mendon
Dicus, Florence	Ypsilanti
Dicus, Harriett	Ypsilanti
Dietz, Naomi	Ypsilanti
Dillon, Josephine	Iron Mountain
Dixon, Ray S.	Grand Ledge
Dobie, Alice M.	Sault Ste. Marie
Dobney, Ethel M.	Auburn
Dodge, Mary E.	Mullett Lake
Doyle, Marguerite	Hartford
Dresser, Rachel	Armada
Drew, Grace M.	Lowell

Dunham, Marie .....	Concord
Dunstan, Ethel.....	Lake Linden
Dusse, Minnie L.....	Mt. Clemens
Eddy, Anna .....	Owosso
Eggleston, Adaline .....	Ypsilanti
Elliott, E. Pearl.....	Shelby
Ensign, William E.....	Flushing
Epley, Eula M.....	Stanton
Eriksson, Hildur.....	Calumet
Extrum, Maude .....	Republic
Fischer, Florence F.....	Grand Haven
Fleming, Mary A.....	Sault Ste. Marie
Foote, Alice M.....	Ridgeway
Ford, Dora A.....	Belleville
Ford, Ida .....	Ypsilanti
Ford, Iva A.....	Milan
Frank, Ethel J.....	Wayne
Freeman, M. Belle.....	Ypsilanti
Friday, Anna L.....	New Baltimore
Fritz, Julia A.....	Dexter
Gartner, Kathryne M.....	Wyandotte
Gartner, Emma M.....	Wyandotte
Geck, Rachel .....	East Jordan
Genthe, Elsie .....	Wyandotte
German, Mary B.....	Ypsilanti
Gieske, A. Leona.....	Chelsea
Gillett, Grace .....	Richmond
Glien, Donelda A.....	St. Clair
Goldhammer, Bértha E.....	Reed City
Gooding, Naomi .....	Belding
Goodrich, Lorena .....	Lansing
Gordon, W. H.....	Marlin
Gorton, Gladys .....	Gregory
Goss, Vera B.....	Portland
Granger, Bessie B.....	Vermontville
Green, Clara A.....	Flint
Greig, Mary V.....	Grand Rapids
Grenier, Florence .....	Laurium
Griggs, Helen L.....	Flint

Grigsby, Allan D.....	East Jordan
Griswold, Ruth L.....	Vermontville
Grove, Jewell L.....	Laingsburg
Gutchess, Nora .....	Almont
Haag, Helena L.....	Port Huron
Habel, Della C.....	St. Joseph
Hale, Gladys M.....	Frankfort
Hallowell, Starr .....	Toledo, Ohio
Hanneman, Marie .....	Detroit
Harlow, Ralph D.....	Plymouth
Harrington, Bessie .....	Romeo
Harvie, Hazel L.....	Maple Ridge
Hatcher, Harry E.....	Petersburg
Hatton, Mary E.....	Farmington
Hawn, Effie A.....	Mason
Haynes, Mamie Estelle.....	Grand Rapids
Heimerdinger, Anna .....	Ypsilanti
Heitsch, Isabelle .....	Pontiac
Hekma, Dora .....	Grand Rapids
Helmer, Hattie. ....	Parma
Hendricks, M. Blanche.....	Grand Rapids
Herr, Louise G.....	Benton Harbor
Herrick, Adeline E.....	Lapeer
High, Majel J.....	Ovid
Hill, Harvey L.....	Reading
Hill, Lola L.....	North Branch
Hinchey, Pacia .....	Pinckney
Hinman, Bernice .....	Ypsilanti
Hintz, Ida G.....	Armada
Hodge, Albert C.....	Carbondale, Ill.
Hodge, Marion A.....	Webberville
Hogan, Salome .....	Laurium
Holland, Rose A.....	Moline, Ill.
Hollenbeck, Ruby .....	Bellevue
Holliday, M. Belle.....	Vassar
Hollingshead, Laura .....	Oxford
Holmes, Myrtle .....	Ypsilanti
Holt, Nellie L.....	Howell
Hooper, Elizabeth .....	South Lyon

Hoopingarner, S. Leola.....	Bronson
Hoxie, Bertha L.....	Perrington
Hubbard, Iva.....	Northville
Hubbell, Addie F.....	Ypsilanti
Hubert, Grace E.....	Parma
Huffman, Roy.....	Yale
Hughes, Mrs. Maud N.....	Decatur
Hume, Helen I.....	Corunna
Hunsberger, E. Pearl.....	Detroit
Hunt, Florence.....	Onondaga
Huntoon, Bessie.....	Pontiac
Hutchinson, May I.....	Cleveland, Ohio
Hyland, Anna.....	Grand Rapids
Inman, Adelaide V.....	Highland Park
Irish, Bessie.....	Clarkston
Irwin, E. E.....	Sherman
Jefferis, Edith N.....	Stevensville
Johnson, Anna G.....	Moorestown
Johnson, Julia.....	Calumet
Johnson, Maud.....	Nehigh, Neb.
Johnston, Jessie E.....	Middleville
Jolly, Loren F.....	Croswell
Jones, Elsie.....	Sault Ste. Marie
Josey, Esther.....	Calumet
Jossman, Caroline.....	Clarkston
Junkin, Della D.....	Great Falls, Mont.
Kahoe, Nellie.....	Ann Arbor
Kandt, Mabel A.....	Utica
Kaucher, Catherine D.....	Union City
Kelly, Mabel E.....	Herrington
Kenyon, Merle F.....	Tecumseh
Ketcham, Fern.....	Grand Rapids
Kiltz, Blanche C.....	Kalamazoo
Kimball, Florence.....	Port Huron
Kingsley, Jean.....	Manchester
Kinsey, Olive H.....	Dowagiac
Kirk, Bertha S.....	Lansing
Kirkendall, George O.....	Port Sanilac
Klumph, Essey A.....	Detroit

Knapp, Sarah .....	Wyandotte
Knipping, Edna M.....	Deerfield
Knowles, Laura L.....	Carson City
Ladd, Bessie E.....	St. Clair
Lake, Lucy K.....	Petoskey
Lamb, Hazel .....	Mason
Lainmon, Florence .....	Ludington
Lardie, Lena .....	Traverse City
Larzelere, Nellie M.....	Quincy
Lathers, Junia .....	Ypsilanti
Lathers, Margaret .....	Ypsilanti
Lau, Anna M.....	Ypsilanti
Lawrence, Ariel .....	Lowell
Lawrence, A. Ruth.....	Hudson
Lawrence, Maude .....	Durand
Layer, Bessie .....	Lowell
Lederer, Elsie M.....	Ann Arbor
Lederle, Arthur F.....	Traverse City
Leith, Thomas S.....	Seville, Ohio
Lennox, Leah C.....	Millington
Leonard, Charles .....	Detroit
Lewis, Edwin A.....	Ypsilanti
Lewis, Ellen E.....	Pentwater
Lewis, Irma G.....	Frankfort
Lewis, Viola B.....	St. Johns
Libhart, Zula .....	Leonidas
Lintz, Karl.....	Constantine
Lockhart, Pearl F.....	Essexville
Luke, Dora M.....	Great Falls, Mont.
Lund, Anna .....	Ypsilanti
Mack, Katharine .....	Flint
Main, Flora.....	Mt. Clemens
Mann, Edna .....	Dowagiac
Matson, Jennie C.....	Northville
Matthews, Donna.....	Merriam Park, Minn.
Matthews, Ina M.....	Ypsilanti
Matthews, Margaret .....	Ludington
May, Laura M.....	Ypsilanti
Maybee, F. Fay.....	Clarkston

Mead, Ethel L.	Grand Rapids
Mears, Mary	Flint
Meinke, Emma C.	Royal Oak
Messimer, Margaret	Detroit
Meyer, Clara D.	Mt. Clemens
Meyer, Hazel C. G.	Mt. Clemens
McAllister, Howard B.	Elkton
McCain, Mary	Reading
McCarthy, William E.	Fenton
McCormick, Ida	Albion
MacCulloch, Kathleen M.	Detroit
McCurry, Margaret.	Grand Rapids
McDonald, William W.	Elba
McElver, Edna E.	Batavia, N. Y.
McGill, Margaret.	White Pigeon
McGuinness, Maud	Hastings
McHenry, Edith	Pontiac
McIntyre, Lavonia H.	Croswell
McKay, Mrs. Ethel R.	Ann Arbor
McLain, Mattie E.	Reed City
McMullen, Henry	Belleville
McMullen, Maude	Ypsilanti
McMullen, Sara E.	Belleville
McNamara, Jessie	St. Ignace
McRae, Minnie H.	Greenbush
McWethy, Edna	St. Louis
Millard Kathryn	Ypsilanti
Miller, Anna	Ludington
Miller, Brice A.	Ann Arbor
Miller, Gertrude R.	Saline
Miller, Nellie S.	Bay City
Mills, Milton E.	Port Sanilac
Milton, Mabel	Armada
Minard, Maria S.	Ypsilanti
Monteith, Wilson H.	Port Huron
Moore, Jessie R.	Grand Rapids
Moore, M. Estelle.	Wellsville, Ohio
Moorman, Lucile	Ypsilanti
Morhous, Portia	Ypsilanti



Morris, Opal H.....	St. Johns
Morrow, Harry S.....	Port Austin
Morton, LuDonna .....	Owosso
Myers, Alice .....	Big Rapids
Nausel, Altha .....	Prairieville
Newberry, Bernice .....	Quincy
Newcomb, Rachel .....	Carsonville
Noggle, Howard .....	Huntington, Ind.
Nolan, Nellie .....	Mio
Noyes, Florence H.....	Reading
Nye, Lula E.....	Chardon, Ohio
O'Brien, Bess .....	Grand Rapids
O'Connor, Loretta .....	Detroit
O'Connor, Nellie .....	Flint
O'Connor, Norine .....	Flint
O'Dell, Bertha .....	Three Rivers
Olmstead, Grace M.....	Ludington
Opie, Susie F.....	Hubbell
Osborne, C. H.....	Lapeer
Palmer, Adnee R.....	Brooklyn
Palmer, Eva N.....	Maybee
Parmenter, Ruth .....	Vernon
Parsons, Margaret .....	Mason
Parrish, Ola L.....	Vernon
Parsons, Roy M.....	Ypsilanti
Penoyar, Bessie .....	Bangor
Perin, Urla H.....	Wayne
Perry, Marguerite L.....	Mio
Pew, Reah Evelyn.....	Ypsilanti
Philbrick, Verna .....	Mt. Clemens
Pidd, Leah M.....	Flint
Plee, Blanche E.....	St. Joseph
Potter, Edna .....	Concord
Powell, Glenn .....	Constantine
Powers, Emma A.....	Vermontville
Price, Mrs. Clara F.....	Niles
Prenzlauer, Mina M.....	Sault Ste. Marie
Prichard, Julia E.....	Ann Arbor
Purcell, Eunice A.....	Iron River

Purdy, Retta G.....	Caro
Putnam, Diana M.....	Goshen, Ind.
Quackenbush, Beatrice R.....	Imlay City
Quandt, Verna M.....	Detroit
Quigley, Blye .....	Ypsilanti
Rabey, Annie .....	Calumet
Rains, Leta .....	Ypsilanti
Ramage, Cyrilla .....	Ypsilanti
Ramage, Floral .....	Ypsilanti
Rankin, Estabrook .....	Ypsilanti
Rathbun, Nellie L.....	Adrian
Rauch, Grace .....	Jackson
Reaume, Rhoda.....	Windsor, Ontario, Canada
Robertisch, Alma E.....	Grand Rapids
Reed, Charlotte .....	Detroit
Reed, Hazel .....	Ypsilanti
Richard, Ella V.....	Wolverine
Robinson, Nina B.....	Bangor
Rood, H. L.....	Ypsilanti
Roosenraad, Nellie .....	Zeeland
Root, Rena .....	Concord
roundtree, Oscar G.....	Grand Marais
Ross, Harriette F.....	Troy, Ohio
Ross, Kate E.....	Sault Ste. Marie
Salisbury, Geneva F.....	Orland, Ind.
Savage, Lucile .....	Detroit
Savage, Rhoda .....	Belleville
Sawall, Frank A.....	Clarksville
Schaeffer, Alta .....	Sturgis
Schell, Nellie M.....	Oxford
Schram, Ruth E.....	Flint
Scott, Grace .....	Ypsilanti
Scott, Lorena .....	Fairfield, Iowa
Seel, Alice M.....	St. Joseph
Seelye, Mabel C.....	Bad Axe
Seibert, Esther .....	Iron Mountain
Selbert, Florence .....	Marlette
Shannon, Amy I.....	Morenci
Shaw, Carrie .....	Ludington

Sherrod, Lorrivella R.....	Decatur
Shields, Madge .....	Marlette
Shrimp, Hiram.....	Union City
Shirts, Lottie E.....	Shelby
Shivley, Myrtle E.....	Lansing
Showerman, Marguerite .....	Ypsilanti
Sias, Georgiana .....	Midland
Sifert, Mabelle .....	Petoskey
Silk, Florence .....	Hillsdale
Sill, Maribell J.....	Milan
Simon, Leonie R.....	St. Joseph
Simmons, Hazel D.....	Athens
Skillen, Winnifred.....	Iron Mountain
Slayton, Hazel .....	Muskegon
Smith, Alice I.....	Ann Arbor
Smith, Blanche .....	Detroit
Smith, Ella M.....	Bath
Smith, Emma P.....	Ypsilanti
Smith, Florence R.....	Gaylord
Smith, Jessie E.....	Tecumseh
Smith, Pearl L.....	Buchanan
Smitzer, Mabel C.....	Troy, Ohio
Snell, Myra M.....	Bad Axe
Snyder, Jennie L.....	Caledonia
Snyder, Lena .....	Whitehall
Sommerville, Eliza .....	Udly
Spaulding, Luella S.....	Charlotte
Spencer, Ella M.....	Manchester
Spicer, Frank A .....	Plymouth
Spinks, Pearl.....	Marine City
Spitzer, Flora M.....	Grafton, Ohio
Spratt, Marguerite.....	Helena, Mont.
Staersky, Marie .....	Ypsilanti
Stearns, Beulah.....	San Antonio, Texas
Stephens, Fay C.....	St. Marys, Ohio
Stevens, Harmon L.....	Oxford
Stowe, Hazel .....	Fowlerville
Strong, Nora W.....	Hand Station
Sturtevant, Bertha.....	Port Austin

Sugnet, M. Lillian.....	Midland
Tabor, Mae .....	Sodus
Tennant, Nettie J.....	Phoenix
Thayer, Emma .....	Mayville
Thorpe, Ruth S.....	Mt. Clemens
Towsley, Guy V.....	Harbor Springs
Traver, Ida M.....	Coldwater
Trebilcock, Chrissie M.....	Ishpeming
Turnbull, Maud .....	Douglas
Turner, Grace .....	Sunfield
Turner, Olive G.....	Hart
Underwood, Leshia .....	Ypsilanti
Upthegrove, Will.....	Central Lake
Utberg, Hulda M.....	Republic
Utley, Grace R.....	Dryden
van Deinse, Lillian.....	Greenville
Veltman, Pearl.....	Reed City
Vincent, Nellie.....	Flat Rock
Vinkemulder, Gertrude .....	Grandville
Vose, Josie M.....	Grand Rapids
Wade, Benjamin F.....	Hillsdale
Wadsworth, Beula M.....	Saranac
Walker, Ella M.....	Ovid
Walker, Ruby C.....	Grand Rapids
Walz, Grace W.....	Pickford
Warmington, Ethel .....	Houghton
Warner, Edna .....	Belleville
Warner, Marie N.....	Quincy
Warren, Effie E.....	Toledo, Ohio
Watson, Grace M.....	Grand Rapids
Welch, Lottie .....	Decatur
Welte, Adeline K.....	Ypsilanti
Westover, Mary .....	White Cloud
Whifle, Arthur .....	Plymouth
Whitaker, Florence E.....	Ypsilanti
White, Winifred H.....	Lowell
Wickman, Mary E.....	Hanover
Wigent, Zora .....	Ypsilanti
Wigton, Murlel.....	La Grange, Ind.

Wilcox, Emma	Detroit
Wildt, Pearl	Homer
Wilson, Emma	White Pigeon
Wilson, Florence K.	Ypsilanti
Wilson, Luella B.	Hanover
Wilson, J. R.	Hanover
Wilson, Margaret	Montgomery
Wilson, Mary M.	Detroit
Wilson, Myrtle L.	Little Rock, Ark.
Winchell, A. B.	Grand Rapids
Winegar, Jessie B.	Charlotte
Wing, Cliff W.	Hart
Wirth, Carl	Ypsilanti
Wiser, Bess	Oxford
Witzel, Mabel	Ionia
Wolcott, Agnes J.	Middleville
Wolenburgh, Florence	Detroit
Wood, W. Platt.	Ypsilanti
Woodbury, Mrs. Nellie.	Canton
Woodhams, May E.	Ann Arbor
Woods, Edward R.	Dutton
Woods, Imojane	Berlin
Worden, Irma L.	Harbor Beach
Wykes, Sadie P.	Grand Rapids
Yape, David S.	Deerfield
Yates, Helen A.	Washington
Young, Evelyn M.	Corunna
Youngquist, Martha	Whitehall
Zimmerman, Etta	Detroit
Zimmerman, Myrtle	Owosso
Zur Muehlen, Emma F.	Grand Rapids

#### DEGREE STUDENTS

Baker, Henry W.	Mears
Ball, Bessie O.	Mason
Baushke, Ruth J.	Benton Harbor
Cavanaugh, Catherine	Detroit
Chapman, Rolland D.	Rockford
Davis, Clarke E.	Burnips

Hicks, C. S.....	Eaton Rapids
Hindelang, Mrs. Margaret.....	Ypsilanti
Hover, J. Milton.....	Lima, Ohio
Lathers, Maurice C.....	Ypsilanti
McKenzie, Ruby.....	Ypsilanti
McMillen, Floy.....	Ypsilanti
McRobert, Alice.....	Ypsilanti
Newlon, Lulu M.....	East Lansing
Newton, Lulu M.....	Lawton
Panek, Adam.....	Traverse City
Parks, Cleantha.....	Pontiac
Piatt, Fred.....	Mt. Pleasant
Sprague, Ralph M.....	Douglas
Thornton, James.....	Ypsilanti
Webb, William R.....	Ypsilanti
Zach, Mabel S.....	Flint

## POST GRADUATES

Clark, Irene.....	Ypsilanti
Coulthard, Myrtle.....	Shelby
deSpelder, Bertha.....	Greenville
Fast, Sidnah M.....	McLean, Texas
Smith, Mildred S.....	Ypsilanti

## SPECIAL STUDENTS

Auten, Pearl.....	Clyde
Burchill, Alice.....	Ypsilanti
Burt, Edith.....	Ypsilanti
Elson, Frank W.....	Cleveland
Holmes, Josephine.....	Elsie
Howell, Zona B.....	Coshocton, Ohio
Jones, Edith M.....	Ypsilanti
McIntyre, Mae.....	Grand Rapids
McLaren, Mrs. Mary.....	Ypsilanti
Pierce, Clara.....	Lorain, Ohio
Pugh, Louise K.....	Indianapolis, Ind.
Ross, Annie McR.....	Grand Rapids
Sawall, Mrs. Maude R.....	Clarksville
Thurston, Junia.....	Grand Rapids, Ohio
Van Cleve, Kate.....	Ypsilanti

## CONSERVATORY STUDENTS

Abbott, Grace	Ovid	Organ
Aldrich, Dean	Ypsilanti	Vocal
Aldrich, Julia	Ypsilanti	Vocal
Allen, Anna E.	Ypsilanti	Public School Music
Andree, Arnida	Manistee	Organ and Piano
Andrews, Elsie V.	Ypsilanti	Piano
Ashley, Ruby E.	Battle Creek	Public School Music
Avery, Sarah E.	Capac	Piano, Organ, Vocal
Ayers, Bessie	Grayling	Music and Drawing
Baldwin, Millie	Fowler	
Banker, Effie E.	Grand Blanc	Piano
Barbour, Mabel	Ypsilanti	Piano
Barr, Margaret	Edwardsport, Ind.	
Barton, Grace E.	Pinckney	Piano
Barton, Helen R.	Cadillac	Music and Drawing
Beach, Alice	Ypsilanti	Piano
Beach, Bessie	Denton	Public School Music
Beebe, Pearl	Tipton	Music and Drawing
Bellis, Mabelle	Manton	Public School Music
Bennett, Blanche M.	Eaton Rapids	Music and Drawing
Berģin, Carrie	Ypsilanti	Piano
Bissell, Maud	Ann Arbor	Piano
Blackmore, Beulah	Vassar	Vocal
Blair, Maud	Homer	Vocal
Boardman, Bertha E.	Petersburg	Piano
Bolender, Elva	Sparta	Vocal
Bowen, Ruth	Ypsilanti	Piano
Bradley, Alice	Tecumseh	Piano
Brewer, Mrs. Lidia	Hancock	Vocal
Brooks, Mabel	Ypsilanti	Vocal
Brown, Alma	Middleville	
Brown, Lulu	Deerfield	Piano
Brown, Viola	Deerfield	Violin
Burch, Eulalie	Midland	Music and Drawing
Burchill, Frances	Ypsilanti	Vocal
Burt, Edna S.	St. Johns	Music and Drawing
Byrum, Warren D.	Leslie	Vocal
Cahill, B. J.	Escanaba	Music and Language

Camp, Ada M.	Saginaw	Music and Drawing
Carven, Bessie E.	Saline	Music and Drawing
Case, Lucretia	Ypsilanti	Piano
Chapin, Viola	Shelby	Music and Drawing
Chapman, Virginia	Marcellus	Music and Drawing
Childs, Jessie	Ypsilanti	Music and Drawing
Cline, Esther	Ypsilanti	Piano
Coe, Iva	Nashville	Piano
Colborne, Martha A.	Windsor, Can.	Music and Drawing
Cole, Nina	Ypsilanti	Music and Drawing
Cook, Helen	Ypsilanti	Piano
Corbett, Katherine E.	Mansfield	Music and Drawing
Corser, Ada M.	Cleveland	Music and Drawing
Crotty, Adele	Dollar Bay	Vocal
Cabbage, Winifred M.	Freeland	Music and Drawing
Cummings, Jessie V.	Detroit	Piano
Davis, Mary Margaret	Escanaba	Music and Drawing
Dean, M. Lillian	Vassar	Music and Drawing
DePew, Leone M.	Ypsilanti	Music and Drawing
DeRoche, Bertha	Posen	Public School Music
Deubel, Cornwall Dee	Ypsilanti	Public School Music
Deubel, De Lynn	Ypsilanti	Vocal
Dixon, Mrs. Mary	Ypsilanti	Vocal
Dowd, Maude	Ypsilanti	Music and Drawing
Downs, Verna Lena	Washington	Music and Drawing
Dunham, Blanche	Ypsilanti	Piano
Edgcumbe, Eileen	Weston, Ohio	Pub. S. Music, Vocal
Eldred, Mabelle	Romeo	Vocal
Erwin, Edmund	Sherman	Vocal
Erwin, Christine L.	Ypsilanti	Public School Music
Farley, Jean	Almont	Vocal
Faulkner, Alice	Port Huron	Piano
Ferguson, Hazel	Charlotte	Piano
Finch, Erva O.	Tecumseh	Music and Drawing
Fisher, Alice	Wayne	History and Music
Florida, Edna	Reed City	Vocal
Fuehr, Lilly	Turner	Piano
Fuller, Marjorie E.	Elkhart, Ind.	Music and Drawing
Galey, Doris	Toledo, Ohio	Public School Music



Garrett, Freeda	Ypsilanti	Piano
Gibbs, Eudora	Tiffin, Ohio	Vocal
Glauser, Etta H.	New Philadelphia, O.	Vocal and Piano
Goetz, Marie	Ypsilanti	Vocal
Goodrich, Anna	Ypsilanti	Piano
Gray, Mrs. Annis	Ypsilanti	Vocal
Grubb, Sylvia	Mongo, Ind.	Music and Drawing
Gurley, Edna F.	Ypsilanti	Piano
Hall, Lois O.	Battle Creek	Music and Drawing
Hamilton, Katharine	Cheboygan	Music and Drawing
Hankerd, Helen	Munith	Vocal
Hankerd, Jane	Munith	Vocal
Hannon, Helen	Ypsilanti	Piano
Harger, Mary M.	Prophetstown, Ill.	Vocal
Harper, Beulah	North Branch	Vocal
Hay, Verna	Wyandotte	Piano
Henderson, Hazel	Manistee	Vocal and Organ
Hewson, Lottie M.	Painsdale	Music and Drawing
Hinman, Eunice	Lapeer	Vocal
Hobbs, Edith	Benton Harbor	Public School Music
Hodge, Claire A.	Carbondale, Ill.	Vocal
Holmes, D. Earle	Ypsilanti	Piano
Howe, Leone	Ypsilanti	Piano
Huelster, Lillian Mae	Michigan City, Ind.	Music and Drawing
Hughes, Luella M.	Ypsilanti	Music and Drawing
Huss, Julia	Caro	Vocal
Huston, Rae D.	Chelan, Wash.	Music and Drawing
Irish, M. Sumner	Coopersville	Vocal
Jackson, Kate L.	East Tawas	Vocal
Jefferis, Margaret E.	Stevensville	Piano
Jones, Edith M.	Ypsilanti	Vocal
Jones, Ruth W.	Hadley	Music and Drawing
Kaltz, Alma	Detroit	Vocal
Kaltz, Elizabeth	Detroit	Vocal
Kemp, E. Carol	Ypsilanti	Piano
Knowles, LaVerne	Carson City	Vocal
Kremer, Irma M.	Gd. Rapids, Minn.	Music and Drawing
Kroll, Eleanora	Marcellus	Vocal
LaHuis, Ada	Zeeland	Music and Drawing

Lau, Anna M.	Ypsilanti	Music and Drawing
Laing, Inez	Clarkston	Music and Drawing
Lamoreaux, Marion	Battle Creek	Public School Music
Lewis, Evangeline	Ypsilanti	Piano
Lewis, M. Cecile	Mt. Clemens	Public School Music
Lewis, Winifred	Ypsilanti	Piano
Little, Lora	Grand Ledge	Music and Drawing
Loomis, Etta	Ypsilanti	Vocal
Loop, Elizabeth A.	Sparta	Music and Drawing
Lundquist, Lottie	Sunfield	Vocal
Lupton, Ada	Lupton	Organ
Lynch, Edna	Crystal Falls	Music and Drawing
Maher, Ivah A.	Williamston	Music and Drawing
Mansfield, Ethel R.	Wisner, Neb.	Piano
Marshall, Charlotte	Lansing	Vocal
Martin, E. T.	Wayne	Vocal
Marvin, Doris	Lansing	Vocal
May, Laura	Ypsilanti	Vocal
Merrill, Edna	Millington	Piano
McCurdy, Eva L.	Mason	Piano
McDonald, Loretta	Rushton	Public School Music
McIntyre, Lavinia	Grand Rapids	Music, Ph. Training
McIntyre, Mae	Grand Rapids	Singing
McKay, Jean	Ypsilanti	Vocal
Miller, Ellen	Berrien Centre	Music and Drawing
Mitchell, Hazel	Middleville	Music and Drawing
Mix, Ferne S.	Nashville	Piano
Moore, Mrs. Anna	Ypsilanti	Organ
Moore, Lulu	Quincy	Singing
Moore, Theresa L.	Ypsilanti	Music and Drawing
Morgan, Alice	Stockbridge	Vocal
Morris, LaVerne	Romulus	Violin
Murphy, A. Aurelia	L'Anse	Public School Music
Newton, Mildred E.	Ypsilanti	Music and English
Norton, Ethel	Sparta	Music and Drawing
Nowlin, Nina A.	Detroit	Music and Drawing
Olmstead, Lulu M.	St. Louis	Piano
Palmer, Charlotte H.	Fairport, N. Y.	Piano
Palmer, Pearl A.	Ypsilanti	Piano

Parker, Florence	Mt. Clemens	Organ and Piano
Payton, Mary Lou	Columbus, Miss.	Vocal
Pease, Josephine	Johnson City, Tenn.	Vocal
Peirson, Florise E.	Leslie	Music and Drawing
Perrine, Mrs. Genevieve	Ypsilanti	Piano
Phillips, Elizabeth	St. Clair	Vocal
Pool, Neva Alberta	Luther	Piano
Pratt, Cecile	Hudson	Music and Drawing
Proctor, Eva	Ypsilanti	Public School Music
Purdy, Laila P.	Ypsilanti	Piano
Quayle, Myrile	Ishpeming	Piano
Quigley, Madge L.	Ypsilanti	Piano
Quirk, Mary	Detroit	Vocal
Randall, Wanda	Wayne	Vocal
Raymo, Gladys	Wayne	Vocal
Reyer, William	Brooklyn	Vocal
Richards, Mabel F.	Ishpeming	Music and Drawing
Richardson, Lida	Northville	Vocal
Richmond, Helen	Ypsilanti	Piano
Ripley, Helen	Montague	Public School Music
Ronan, Isabelle	Marshall	Vocal
Ross, Anna M.	Grand Rapids	Music, Ph. Training
Rouse, Florence E.	Saline	Music and Drawing
Ruen, Katharine	Howell	Music and Drawing
Ryan, Ella Mae	Pinckney	Public School Music
Rynearson, Frances N.	Three Oaks	Piano
Schaaf, Martha	Whiting, Ind.	Vocal
Schaner, Rosina	Ypsilanti	Piano
Schulte, Neva	Ypsilanti	Vocal
Scoville, Ruth	Ypsilanti	Piano
Seegar, Adelaide	Ypsilanti	Piano
Shanley, Isabelle C.	Petoskey	English and Music
Shaw, Velma	Port Huron	
Shields, Luella	Marlette	Piano
Smith, Bessie	South Lyons	Music and Drawing
Smith, Grace L.	Ypsilanti	Music and Drawing
Smith, Helen	Wellsville, Ohio	Piano
Smith, Irene	Ironia	Piano and Vocal
Smith, Lyla L.	Haslett	Vocal

Smith, Ruth	Byron	Piano
Spencer, Ruth E.	Pennellville	Public School Music
Staevisky, Marie	Ypsilanti	Vocal
Stearns, Mrs. Theodore	New York City	Vocal
Stevenson, Wilma	Chicago, Ill.	Piano
Swan, Clara	Williamston	Piano
Sweeney, Margaret	Mt. Pleasant	Music, Nature Study
Taylor, Mrs. Hazel	Middleville	
Temple, Vena	Britton	Music and Drawing
Terpening, Edna	Coldwater	Vocal
Turnbull, Maud	Douglas	Vocal
Tuttle, Mildred	Ypsilanti	Piano
Vandemark, Lela	Fair Grove	Vocal
Vandewater, Cora	Owosso	Music and Drawing
Vroman, Minnie	Mt. Pleasant	Public School Music
Walker, Pink E.	Warsaw, Ohio	Vocal
Walsh, Gladys	Bath	Vocal
Wardroper, Alma	Ypsilanti	Vocal
Wardroper, Agnes	Ypsilanti	Piano
Warn, Jennie	Capac	Music and Drawing
Waters, Lucretia	Belleville	Vocal
Webb, Muriel E.	Ypsilanti	Music and Drawing
Whisler, Inez	Benton Ridge, O.	
Wickersham, Frances	Portland, Ind.	Vocal and Piano
Wickersham, Mary	Portland, Ind.	Vocal and Piano
Wightman, Clara	Ypsilanti	Vocal and Piano
Wigle, Joy	Webberville	Vocal
Wigle, Mary E.	Webberville	Vocal
Wigton, Ruby M.	LaGrange, Ind.	Public School Music
Wilson, Blanche	Ypsilanti	Piano
Wilson, Florence	Ypsilanti	Piano
Wilkinson, Belle	Byron	Piano
Wolcott, Agnes J.	Middleville	Piano and Vocal
Wood, W. Platt	Ypsilanti	Organ
Zimmerman, Katherine	Monroe	Music and English

## Students Enrolled in Summer School, 1908

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Ableson, Mary J.....	Ypsilanti
Abbott, Edna .....	Howell
Adams, Hattie .....	Temperance
Adams, Lucile.....	Wabash, Ind.
Acker, Adeline C.....	Wyandotte
Ackerson, Lillian .....	Munith
Ackerson, Nellie .....	Manchester
Aebersold, Minnie Gertrude.....	Tecumseh
Agnew, Rachel.....	Mt. Clemens
Aitken, Thomas W.....	Croswell
Allen, Florence I.....	Marshall
Allen, Grace E.....	Turner
Allen, Louise .....	Clinton
Allen, Mae E.....	Carleton
Alpermann, Johanna.....	Wapokeneta, Ohio
Alton, Pearl .....	Parma
Anderson, A. Elizabeth.....	Baraga
Anderson, Emma Alma.....	Moline
Anderson, Sylvia T.....	Moline
Andrews, Blanche M.....	Vassar
Andrews, Elsie .....	Ypsilanti
Andrews, Neina F.....	Williamston
Arney, Beulah J.....	Whiting, Ind.
Arthur, Norman .....	Elkton
Ash, Jennie L.....	Millington
Atkin, Grace .....	Milford
Atkinson, Frank H.....	Columbiaville
Avery, Lillian .....	Adrian
Axel, Lillian .....	Kendallville, Ind.
Babcock, Flora .....	Farwell
Bachmeier, Augusta .....	Warren
Backus, Mary Eliza.....	Pinckney
Backus, Rosamond .....	Dansville
Bailey, Etha A. ....	Redford

Bailey, Eva M. ....	Redford
Baker, Carrie .....	Detroit
Baker, Chloe .....	Muir
Baker, Clara A. ....	Allen
Baker, G. C. ....	Coopersville
Baker, Hazel .....	Hillsdale
Baker, Rannie B. ....	Townley
Balderson, Edna .....	Portland
Baldwin, Millie G. ....	Fowler
Baldwin, Pearl M. ....	Fowler
Ballou, Cora Ann. ....	Ypsilanti
Bange, Ella D. ....	Sault Ste. Marie
Bange, Vera M. ....	Sault Ste. Marie
Banks, Katherine .....	Oxford
Barber, Ray .....	Warren Centre, Pa.
Barlow, Beatrice .....	Ypsilanti
Barlow, Carl J. ....	Ypsilanti
Barlow, Mildred .....	Ypsilanti
Barnes, Mary R. ....	Wakeman
Barnum, Iva W. ....	Sterling
Barry, Katheryn. ....	Ann Arbor
Bartenfelder, Ada B. ....	Metamora
Bartlett, Lula. ....	Ann Arbor
Barton, Alma .....	Munith
Barton, Mary K. ....	Milan
Barton, Olive N. ....	Big Prairie
Bascom, Alice .....	Farmdale, Ohio
Bashford, Olive .....	Howell
Basler, Carl D. ....	Lowell
Bassett, B. Ada. ....	Bay City
Bates, Frank .....	Edon
Baumgardner, Vera .....	Akron, Ohio
Baushke, Ruth J. ....	Benton Harbor
Baxter, Elizabeth .....	Ypsilanti
Baxter, Jane .....	Romulus
Beach, Bertha Rose. ....	Ann Arbor
Beach, Lucy .....	Warren, Ohio
Beach, Nettie B. ....	Kinsman, Ohio
Beam, Elias H. ....	Shelby

Beard, Zella .....	Yale
Beardsley, A. Zella.....	Ypsilanti
Beattie, John M.....	Walkerville
Beaumont, Grace Maud.....	Milford
Beeman, Florence B.....	Ypsilanti
Begole, Jenniebelle .....	Detroit
Behrens, Ethel W.....	Muskegon
Belisle, Evelyn .....	Detroit
Belisle, John H.....	Detroit
Bell, Irma.....	Las Vegas, N. Mexico
Bell, Mary .....	Las Vegas, N. Mexico
Bellis, Lela V.....	Detroit
Benedict, Don M.....	Portland
Bennett, Bertha M.....	Williamston
Bennett, Jean E.....	Grand Rapids
Bentley, Eulah M.....	Plymouth
Benton, Maude .....	Ferry
Berger, Edith M.....	Bancroft
Bergin, Bertha I.....	Lowell
Beyschlag, Grace.....	St. Clair
Bickerstaff, Flora.....	Steubenville, Ohio
Biery, Grace M.....	Northville
Bilbie, Laura .....	Ann Arbor
Billings, Grace D.....	Lyons
Bird, Frank .....	Inkster
Bissell, Maud .....	Ann Arbor
Bixby, Pearl M.....	Pontiac
Black, Myrtle D.....	Gladwin
Blaine, Fannie.....	Clinton
Blanchard, Gladys C.....	Roscommon
Blanchard, Victoria C.....	Roscommon
Blincoe, Louise A.....	Guthrie
Bliss, Gladys .....	Deerfield
Boatman, Lois .....	Albion
Boden, Oga .....	Barberton, Ohio
Boice, Mabel .....	Pontiac
Bond, Lettie A.....	Ypsilanti
Boot, Gertrude .....	Holland
Botsford, Mildred .....	Petoskey

Botzum, Lida A.....	Akron, Ohio
Bowen, Dwight C.....	Palmyra
Bowler, Nora.....	Lapeer
Bowman, S. Idella.....	Monroe
Boyd, Erma .....	Vassar
Boynton, R. J.....	Hillsdale
Braddock, Rhoda .....	Cheboygan
Bradley, Josephine .....	Milan
Bradley, Maybelle F.....	Farmington
Bradley, Ruby I.....	Lyons
Braun, Clara R.....	Ypsilanti
Braun, Florence M.....	Ypsilanti
Brayton, Mary .....	Jerome
Breitenwischer, Bertha .....	Manchester
Brems, Minna B.....	Plymouth
Brenner, Carrie R.....	Chelsea
Bricker, Frances B.....	Akron, Ohio
Briggs, Myrtle L.....	Edenville
Brigham, Mary K.....	Howell
Brockway, Flossie .....	Adrian
Brogan, Catherine .....	Howell
Brogan, Mae .....	Howell
Brokaw, Florence B.....	Salem
Brothers, Florence H.....	Grand Rapids
Brotherton, Mabel .....	Grand Rapids
Browder, Lillian .....	Greenfield, Ohio
Brower, John .....	Hamilton
Brown, Alice M.....	Charlotte
Brown, Allene .....	Hart
Brown, Amy J. ....	Columbus, Ind.
Brown, Anna .....	Plymouth
Brown, Genevieve .....	Ypsilanti
Brown, Leroy N.....	Clarkston
Brown, Lulu .....	Deerfield
Brown, M. Winnifred .....	Howell
Brown, Margaret .....	Pontiac
Brown, Millie M.....	Lansing
Brown, Nona .....	Yale
Brown, Rachel .....	Newberry



Brown, Walter .....	Wauseon, Ohio
Brunell, Irene .....	Grand Marais
Bryan, F. C. ....	Mt. Morris
Bryan, Harry W. ....	Dryden
Buchanan, Augusta .....	Piqua, Ohio
Buchhagen, Edna .....	Steubenville, Ohio
Buchhagen, Lillie L. ....	Steubenville, Ohio
Buckelew, Leila M. ....	Dexter
Buckingham, Edna E. ....	Jackson
Buell, Miriam Leila. ....	Milford
Burbank, Eliza M. ....	Detroit
Burck, Cora A. ....	Ithaca
Burke, Evelyn M. ....	Ypsilanti
Burkhart, C. A. ....	Chelsea
Burkheiser, Elizabeth .....	Ypsilanti
Burkley, Lena I. ....	Ceresco
Burnstine, Philip .....	Inkster
Burrell, Helen M. ....	St. Louis
Burrows, Pearle .....	Troy
Bush, Blanche E. ....	Ypsilanti
Bush, I. W. ....	Ypsilanti
Butler, Amelia .....	Napoleon
Butler, Minnie M. ....	Morenci
Butts, Veva .....	Lapeer
Byrum, Warren D. ....	Leslie
Cadwell, Florence .....	Grass Lake
Caffrey, Mary E. ....	Jackson
Cagney, Mayme .....	Newark, Ohio
Caldwell, Mattie .....	Hawks
Callis, Ida .....	Milan
Camburn, Katie B. ....	Morenci
Camburn, Maggie L. ....	Fruit Ridge
Campbell, Adda B. ....	Battle Creek
Campbell, Margaret J. ....	Clinton
Canfield, A. J. ....	Tyrrell
Canfield, Mabel B. ....	Chelsea
Carl, Lulu Belle. ....	Vernon
Carlson, Mary .....	Dollar Bay
Carpenter, Ione C. ....	Harbor Springs

Carpenter, Nellie I.....	Springport
Carter, A. Loa.....	Elsie
Carter, Lida M.....	Elsie
Carter, Mary E.....	Flat Rock
Case, Alice S.....	Manchester
Casey, Mary A.....	Detroit
Cashell, Bridget.....	Hubbell
Cassidy, Mary.....	River Rouge
Casteline, Pearl.....	Perry
Caswell, J. T.....	Jasper
Chamberlain, Mabel Miretta.....	Jackson
Champion, Ora D.....	Homer
Chapman, Oril D.....	Ypsilanti
Chapman, Virginia Colby.....	Marcellus
Chase, Martha Blanche.....	White Cloud
Cheal, Mrs. Vietta M.....	Ypsilanti
Cherry, Jeannette Corintha.....	Grand Haven
Chick, Pauline.....	Standish
Christensen, Flora.....	Ypsilanti
Clark, Chas. I.....	Dexter
Clark, Eda M.....	Saline
Clark, Ella M.....	Saline
Clark, Evelyn.....	Cuyahoga Falls, Ohio
Clark, Jessie E.....	Ann Arbor
Clark, Mabel.....	Ypsilanti
Clark, Mabel E.....	Lexington
Clark, Nell E.....	Ypsilanti
Clark, Ocia.....	Hubbardston
Clements, Grace.....	Gregory
Clendenen, Lulu G.....	Dowagiac
Clifford, Rosalie O.....	Ypsilanti
Closs, Mabel.....	Lake Linden
Cochlan, Florence M.....	Port Huron
Coffey, Wilford L.....	Tower
Cole, Clarissa E.....	Wayne
Cole, Frances A.....	Ypsilanti
Cole, Myra M.....	Bay City
Coles, Myrtle Frances.....	Sandusky, Ohio
Colter, Louise.....	Detroit

Comer, Isabelle Kathryn	Ypsilanti
Comins, Harry Mason	Detroit
Comstock, Phila	Jenison
Conley, Blanche E.	Columbiaville
Conner, Myrtle B.	Caro
Convoy, Kathleen M.	Detroit
Conway, Margaret	Jackson
Cook, Maebel	Milan
Cooley, Mary L.	Bay City
Coon, Maude	Jonesville
Cooper, Agnes	Marengo
Cooper, Cora	White Pigeon
Cooper, Kittie Bell	Milan
Cooper, Phoebe	Grass Lake
Copley, Belle	Ypsilanti
Corbin, Edna	Hart
Covey, Cora L.	Akron, Ohio
Corey, Flossie M.	Hubbardston
Corser, Ada M.	Cleveland, Ohio
Corser, Daisy L.	Hudson
Cortright, Arthur B.	Ann Arbor
Cory, Ed. W.	Blissfield
Courtright, Lela	Grand Rapids
Covert, Florence Eva	Ann Arbor
Craft, Mabel L.	Davisburg
Crafts, Virginia	Grass Lake
Cramblet, Mabel	Muskegon Heights
Crandall, Carrie	Howell
Crandall, Florence	Samaria
Crandall, Ansel Arthur	Hamilton
Crane, Carolyn	Ypsilanti
Crane, Florence A.	Chelsea
Crane, Leah M.	Vernon
Crane, Lulu	Linden
Cranson, Stella	Farmdale
Crawford, Irene Pearl	Detroit
Crawford, Mabel B.	Crown Point, Ind.
Crawford, Ralph	North Branch
Crittenden, James C.	Portland

Crockard, Erva .....	Smith's Creek
Crockett, Annie M.....	Grelton, Ohio
Crockett, Edna .....	St. Clair
Crouch, Enilia .....	Grass Lake
Cabbage, Winifred M.....	Freeland
Culbertson, Augusta .....	Mancelona
Cullin, Carolyn .....	Ypsilanti
Cullinane, Nellie .....	Grand Rapids
Culver, Sheldon E.....	Milan
Curtis, Bessye .....	Adrian
Curtis, Bonnye .....	Adrian
Curtis, Mrs. Lou Kirby.....	Berrien Springs
Curtis, Olive .....	Dexter
Curtiss, Casia .....	Fowlerville
Cushman, Belle .....	Bath
Cutler, J. Leslie.....	Reed City
Cutting, Alice L.....	Tecumseh
Daly, Stella .....	Newark, Ohio
Danielson, Anna A.....	Wakefield
Dark, Esther .....	Ludington
Dark, Grace B.....	Ludington
Davidson, Martha .....	Hubbell
Davis, Blanche .....	Mason
Davis, Clara .....	Ypsilanti
Davis, Elsie .....	Grand Rapids
Davis, Georgia G.....	Wrentham, Mass.
Davis, Grace .....	Newark, Ohio
Davis, Lucy .....	Clio
Davis, Myrtle .....	North Baltimore, Ohio
Davis, Olive L.....	Fenton
Dawson, Wesley M.....	Ypsilanti
Deal, Lulu F.....	Wabash, Ind.
Dealy, Mabel A.....	Chelsea
Dean, Mabel .....	Quincy
Deaner, Bernice .....	St. Joseph
DeFoe, May .....	Bay City
DeLand, Florence M.....	Jasper
Deneen, Ezra .....	Imlay City
Dennis, Rose Bell.....	Decatur

Densmore, Mabel	Munith
DePue, Maybel	Mulliken
DeRoche, Bertha M.	Posen
Devereaux, Johanna	Pinckney
Dewey, Olive Blanche	Pontiac
Dickerson, Bertha L.	Belleville
Dickerson, Linda A.	Belleville
Dickerson, Roy	Ypsilanti
Dicks, Grace M.	Plymouth
Dicus, Florence	Ypsilanti
Diehl, Daisy M.	Utica
Diehl, Louise M.	Marshall
Dieterle, Marie	Saline
Dietrich, Nellie Irene	Romulus
Dietz, Len	Osseo
Dietz, Leroy	Williamston
Dietz, Naomi	Ypsilanti
Dixon, Alice Weir	Pioneer, Ohio
Dixon, Jessie	Clark Lake
Dixon, Olive M.	Northville
Dixon, Walter E.	Denton
Dodge, Clara J.	Saginaw
Dolby, Verna M.	Goodrich
Donahue, Rose E.	Ypsilanti
Donnelly, Sara Elizabeth	Ann Arbor
Donovan, Marie	Imlay City
D'Ooge, Ida J.	Ypsilanti
Doolittle, Ivah	Albion
Dormer, E. I.	Fowlerville
Doud, Maud	Ypsilanti
Dowling, Kathryn	Greeley, Colo.
Downs, Helen	Lake Odessa
Downs, Jennie L.	Washington
Downs, Mary C.	Ypsilanti
Downs, Verna L.	Washington
Drake, Blanche	Nashville
Drake, Grace W.	Waldron
Drake, Mrs. Nelson	Sandusky, Ohio
Dudley, Verna	Reading

Duffy, John J.....	Braddock, Pa.
Dunham, Blanche .....	Ypsilanti
Dunn, Nora May .....	Detroit
Durfee, E. N.....	Standish
Durfee, Florence E.....	Plymouth
DuVall, Neva J.....	Coloma
Dwyer, Katherine .....	Ann Arbor
Earle, Mina Mabelle.....	Bronson
East, Mary E.....	Bay City
Easton, Verna .....	Dexter
Ebbitt, Minnie.....	Hudson
Eberhart, Anna M.....	Clare
Eddy, Hildah V.....	Eagle
Edwards, Callie .....	St. Louis
Egan, Winifred F.....	Detroit
Eggleston, Adaline .....	Ypsilanti
Eisenmann, H. J.....	Temperance
Elliott, C. M.....	Clio
Ellison, Mary R.....	Dexter City, Ohio
Ely, Martha .....	Ypsilanti
Embry, Millie L.....	Richmond, Ky.
Emendorfer, Eva .....	Saginaw
Emens, M. Ethel.....	Addison
Enright, Helen C.....	Grand Rapids
Erwin, Edna .....	Novi
Essery, Evan .....	Ann Arbor
Evans, Anna L.....	Lowell
Evans, Laura .....	Ypsilanti
Everest, Mildred A.....	Ann Arbor
Evoy, Mabel .....	Detroit
Fairbank, Lulu M.....	Saline
Fairchild, Frances H.....	Hesperia
Farnham, Alice E.....	Lambertville
Farnham, Frances .....	Ann Arbor
Farrand, Bertha .....	Plymouth
Fay, Rena .....	Morenci
Felder, George.....	Sault Ste. Marie
Feldkamp, Amanda M.....	Manchester
Felt, Verna E.....	Waltz

Feneley, Lena M.....	Pontiac
Ferguson, Hazel .....	Charlotte
Ferguson, W. A.....	Newton Falls
Ferrigan, James.....	Laingsburg
Filkins, Grace .....	Oak Grove
Findley, Myrtle .....	Litchfield
Firth, Jessie .....	Sterling
Fischer, Florence Fay.....	Grand Haven
Fisher, Alice M.....	Wayne
Fisher, Sarah B.....	Saginaw
Fisk, Lula .....	Fairgrove
Fitzgibbon, Ethel .....	Wayne
Fitzpatrick, Katherine M.....	Hudson
Fitzpatrick, Mae .....	Detroit
Fitzsimmons, Hazel B.....	Reading
Fix, Barbara .....	Monroe
Flanagan, Mary .....	Grand Rapids
Fleming, Eddy W.....	Omer
Fleming, Helen .....	Piqua, Ohio
Fleming, Nina .....	Flint
Flint, Addison J.....	Deckerville
Flint, Mary B.....	Ypsilanti
Fohey, Veronica.....	Pinckney
Force, Jennie.....	Weston
Ford, Ida .....	Ypsilanti
Ford, Iva A.....	Milan
Ford, Mary E.....	Boyne Falls
Fox, Edith .....	Shelby
Fox, Louise E.....	Adrian
Frahlich, Bessie E.....	Bay City
Fralich, Camilla O.....	Bay City
Frank, Ethel J.....	Wayne
Frebes, Lucy G.....	Willis
Fredericks, Charlotte.....	New Philadelphia, Ohio
Freeman, M. Belle.....	Ypsilanti
Frehse, Lorena .....	Michigan City, Ind.
French, Florence M.....	Middleville
French, Jennie Maxam.....	Waterford
French, Louise .....	Albion

French, Ruth .....	Dexter
Fribley, Fannie.....	Fredericktown, Ohio
Fritz, Julia A.....	Dexter
Frostic, F. W.....	Croswell
Fuller, Hattie A.....	Lansing
Gaffney, Rose C.....	Hubbell
Gager, Lillian M.....	Mt. Clemens
Gale, Nina .....	Cadillac
Gallup, Myrtis May.....	Flushing
Gardner, Charlotte .....	Hubardston
Gareissen, Isabella .....	Ypsilanti
Gaskell, E. R.....	Deerfield
Geerds, Gertrude .....	Fremont
Genthe, Elsie .....	Wyandotte
George, Henriette .....	Marcellus
George, May O.....	Ypsilanti
Geraghty, Effie .....	Dexter
Gibb, H. L.....	Whitmore Lake
Gibbs, Eudora H.....	Tiffin, Ohio
Gierst, Charlotte Anna.....	Comstock Park
Gieske, A. Leona.....	Chelsea
Gilbert, Florence .....	Mentor, Ohio
Gilman, Elmer S.....	Eaton Rapids
Gilpin, Vivian.....	Ypsilanti
Gittins, Jennie .....	Denton
Glanville, Olive.....	Lake Linden
Glauser, Etta H. ....	New Philadelphia, Ohio
Glenny, O .....	
Gliem, Donelda .....	St. Clair
Goheen, Clarica .....	Yale
Goodspeed, Ina H.....	Ypsilanti
Goodwin, Gertrude .....	Wyandotte
Goodwin, Lora C.....	Ionia
Gordon, William H.....	Martin
Gorton, Carrie H.....	Bancroft
Goudy, John Jesse.....	Otisville
Gouldburg, Claudia .....	Balley
Gowdy, Helen .....	Howell
Gracen, Maude .....	Salem



Graham, Gwendolen L.....	Croswell
Grant, Eva .....	Ypsilanti
Grattan, Lora M.....	Clayton
Grattan, Ola E.....	Clayton
Gray, Hester .....	Caillac
Greene, C. E.....	Ypsilanti
Greening, Nina M.....	Chelsea
Gregory, Gladys E.....	Milan
Greiner, Mary .....	Pinckney
Grimes, Lillie .....	Munith
Grisser, Elsie .....	Mancelona
Griswold, Nellie .....	Muskegon
Griswold, Ruth Louise.....	Vermontville
Grove, Jewel L.....	Laingsburg
Gue, Abigail M.....	Saginaw
Guenther, Florence M.....	Ann Arbor
Guenther, Mabel A.....	Ann Arbor
Guinan, Margaret .....	Chelsea
Guthrie, Mabel E.....	Chelsea
Hall, Lois .....	Battle Creek
Hall, Mae B.....	Grand Rapids
Hall, Zella .....	Battle Creek
Hamilton, Katharine .....	Cheboygan
Hamilton, W. E.....	Goodrich
Hamm, Lela M.....	Deckerville
Hand, Erma M.....	Ypsilanti
Hands, Feleneice N.....	Parma
Hanker, Helen .....	Munith
Hanker, Jane .....	Munith
Hankinson, Linda .....	Rochester
Hannon, Kathleen .....	Dexter
Hanson, Eva .....	Mentor, Ohio
Hanson, Lizzie .....	Whitehall
Hanson, Rose .....	Whitehall
Harbourne, Violinta .....	Gaylord
Harger, Mary M.....	Prophetstown, Ill.
Harland, Emma L.....	Highland Park
Harper, Audriid .....	Ypsilanti
Harper, Edith .....	Ypsilanti

Harper, Eloise C.....	Ypsilanti
Harris, Florence V.....	Pinckney
Harris, Helen Grace.....	New Haven
Harris, Libbie I.....	Caro
Harris, Sadie J.....	Franklin, Ohio
Harrison, Celeste.....	Monroe
Harten, Anna A.....	Bay City
Harter, Mary A.....	Ionia
Hartshorn, Maud M.....	Dundee
Hartway, Mina H.....	Romeo
Hatton, Mary E.....	Farinington
Hawkes, Eveline A.....	Jackson
Hawley, Cora.....	New Paris, Ohio
Hawley, Pearl L.....	Ann Arbor
Hay, Ola.....	Wyandotte
Hayes, Lula B.....	Norvell
Hayes, Sarah H.....	Toledo, Ohio
Hayner, Edith Edna.....	Rockford
Head, Grace.....	Willow
Hearn, Lula M.....	Flint
Hearns, Frances.....	Royal Oak
Heath, Claribel.....	Lambertville
Helemer, Celia L.....	Carleton
Helmer, Marjorie M.....	Parma
Helmka, Mabelle S.....	Manistique
Hemingway, Alice E.....	Bay City
Hendershot, Leab.....	Brooklyn
Hendricks, M. Blanche.....	Grand Rapids
Hennigar, Lucile H.....	Oscoda
Henzie, Catherine.....	Manchester
Herman, Eliza J.....	Auburn
Herr, Louise G.....	Benton Harbor
Herron, E. M.....	Port Huron
Hertler, Lillian.....	Saline
Heslip, E. Maude.....	Hagensville
Hickey, K. Berdenah.....	Coldwater
Hickman, Blanche.....	Ypsilanti
Hickmott, Leone B.....	Plymouth
Higgins, Florence.....	Dexter

Highfield, Ina M.....	Holly
Hill, Clara P.....	Gregory
Hill, Helen .....	Wilmington
Hillabrandt, Iva .....	Hubbardston
Hinchey, Pacia .....	Pinckney
Hinkle, Della .....	Akron, Ohio
Hinkle, Grace.....	Akron, Ohio
Hitchingham, Adelaide .....	Whittaker
Hitchingham, Mamie .....	Milan
Hoeger, Selys L.....	Detroit
Hoisington, Ray C.....	Vernon
Holdridge, Beulah .....	Milford
Hollister, L. Emma .....	Chesaning
Holly, Jessie .....	Pewamo
Holmes, Ada E.....	Ypsilanti
Holmes, Iva .....	Ypsilanti
Holmes, Myrtle .....	Ypsilanti
Holt, Goldie .....	Howell
Holzauer, Blanche E.....	Ann Arbor
Hooper, Elizabeth .....	South Lyon
Hopkins, Catherine .....	Lansing
Hopkins, Lucy .....	Milan
House, Grace C.....	Carleton
Hover, J. Milton.....	Lima, Ohio
Howard, Mrs. Edna Prine.....	Manchester
Howard Frank E.....	Manchester
Howard, L. C.....	Ann Arbor
Howe, Leone .....	Ypsilanti
Hubbard, Evelyn Belle.....	New Baltimore
Hubbard, Linwood .....	Ypsilanti
Hubner, Mary .....	Ann Arbor
Huffman, Hazel B.....	Plymouth
Hugan, Isabella .....	Flint
Hughes, Luella M.....	Ypsilanti
Hughes, Mae M.....	Greenfield
Hughes, Mrs. Maud Nesbitt.....	Decatur
Hume, Helen Irene.....	Corunna
Humpsch, Lillian A.....	Northport
Hunt, Margarett .....	Jackson

Hunter, Nina .....	Chelsea
Huss, Julia .....	Caro
Husted, Betsey .....	Vassar
Huston, Mildred E. ....	Plymouth
Huston, Rae D. ....	Chelan
Hutchins, Zoe E. ....	Wabash
Hutting, Eleonora .....	Ypsilanti
Hyde, Mrs. Lulu C. ....	Benton Harbor
Hynes, Catherine F. ....	Clayton
Hyslop, Mildred .....	Detroit
Iles, Edith .....	Allen
Irish, Nellie B. ....	Dundee
Iverson, Nina .....	Big Rapids
Ives, Nina .....	Springport
Jackson, Bessie .....	Addison
Jackson, Kate .....	East Tawas
Jackson, Laura E. ....	Hesperia
James, Edys .....	Wyandotte
Jarrad, Blanche V. ....	Morrice
Jarvis, Allie. ....	Hubbardston
Jarvis, Genevieve E. ....	Otsego
Jarvis, Mabel .....	Ypsilanti
Jarvis, Vida .....	Ypsilanti
Jaynes, Clara M. ....	Detroit
Jeffers, Cora .....	Atlantic Mine
Jefferson, Geoffrey .....	Ypsilanti
Jehle, Louise .....	Detroit
Jennings, Mazie A. ....	Chelsea
Jessop, Mrs. Grace. ....	Petoskey
Jobson, Claude. ....	Ypsilanti
Johnson, Hattie L. ....	Detroit
Johnson, Helen .....	Grayling
Johnson, Lula V. ....	Albion
Johnson, M. Mae. ....	Adrian
Johnson, Maud .....	Jackson
Johnson, Nellie .....	Munica
Johnson, Nellie M. ....	Jackson
Johnson, Olga J. ....	Munica
Johnson, Queen J. ....	Jellico. Tenn.

Johnston, Winifred	Farmdale, Ohio
Jones, Edith M.	Ypsilanti
Jones, Erma T.	Ionia
Jones, Jessie	Cuyahoga Falls, Ohio
Jones, Ruth W.	Hadley
Judson, Hazel R.	Detroit
Judson, Helen Josephine	South Lyon
Kaden, Amelia	Boyne
Kahoe, Nellie May	Ann Arbor
Kalmbach, Linda	Chelsea
Kalt, Alma K.	Detroit
Kaltz, Elizabeth G.	Detroit
Kaltz, Minnie	West Branch
Kandt, Mabel A.	Utica
Kandt, Rose	Utica
Kanouse, Bessie B.	Quincy
Karmsen, Zelma	Greenville
Katz, Frederick J.	Burlington
Kamp, Lydia E.	Carlisle, Pa.
Kay, E. Coda	Brooklyn
Kearns, Mildred	Hillsdale
Keating, S. Etta	Cass City
Keelle, Gertrude M.	Ann Arbor
Keenan, Margaret	Akron, Ohio
Kelley, Bertha	Fowlerville
Kelley, Catherine	Howell
Kelley, Oliver R.	Lyons
Kellogg, Anna Belle	Howell
Kellogg, Clinton E.	Rochester, N. Y.
Kellogg, Marguerite	Nashville
Kelly, Eva Inez	Lima, Ind.
Kelly, Frances A.	Clifford
Kemp, Gertrude E.	St. Clair
Kennewell, Lina	Flint
Kenyon, Ethel A.	Jackson
Kenyon, Merle Florence	Tecumseh
Kern, Jennie A.	Belleville
Kerr, Emma	Birch Run
Kerr, Lottie H.	Bad Axe

Kettenbeil, Mabel	Lake Linden
Kidwell, Bessie	Ypsilanti
Kiefer, Marie	Carleton
Kilian, Harold	Ypsilanti
Killen, Helen	Romulus
Killen, Marie	Romulus
Kimpton, Anna May	Holland
King, Nona E.	Ypsilanti
Kitchen, Lulu V.	St. Ignace
Klager, Anna M.	Ann Arbor
Klagstad, Helga	Manistique
Kleckler, Ethel B.	Oak Grove
Kline, Hazel	Lake Linden
Klugh, Edith L.	Detroit
Klumph, Essey	Detroit
Knapp, Marsena C.	Davison
Kneip, Therese	Ypsilanti
Knickerbocker, Blanche	Norvell
Knickerbocker, Ione	Norvell
Knipping, Edna	Deerfield
Knowles, Angela	Azalia
Knowles, Laura L.	Carson City
Koehler, Freda	Zilwaukee
Kohler, Katherine	Wapakoneta, Ohio
Kowalski, Mary M.	Calumet
Kratzmiller, Pauline	Dexter
Kusterer, Elizabeth	Chelsea
Kutsche, Mary E.	Mt. Clemens
Ladd, Ruth	Hersey
LaForge, Faye	New Baltimore
Lagness, Edith	Belleville
Laing, E. R.	Linden
Lake, Clara J.	Sault Ste. Marie
Lake, Lucy K.	Petoskey
LaLonde, June	Sault Ste. Marie
Lamb, Edna M.	Detroit
Lamb, Helen W.	Detroit
Lamport, Harold B.	East Jordan
Lane, Bessie	Howell

Lane, Grace .....	Gregory
Langdon, Louise Orr.....	Amasa
LaPointe, Roseanne .....	Temperance
Lappens, Anna L.....	Ypsilanti
Larkins, Zenaide E.....	Salem
Lathers, Junia .....	Ypsilanti
Lathers, Maurice.....	Ypsilanti
Lau, Anna M.....	Ypsilanti
Laughlin, Ethel B.....	Reading
Laurie, Bertha M.....	Detroit
Lawrence, Maude .....	Durand
Leach, Mary .....	Mt. Clemens
Leavey, Frances C.....	Dexter
Leavey, Mary Rose.....	Dexter
Lecureux, Persis F.....	Corunna
Lee, Frances H.....	Buffalo
Leestma, Bendert .....	Zeeland
Lennon, Edna M.....	Whitmore Lake
Lenz, Susan H.....	Hubbell
Lenz, Yettie .....	Hubbell
Leonard, Charles .....	Detroit
Lewis, Harry C.....	Jackson
Lich, Alta .....	Big Rapids
Lilley, Maude .....	Belleville
Litchfield, Ruth .....	Dexter
Livingston, Leah .....	River Rouge
Lloyd, Elizabeth .....	Niles, Ohio
Lloyd, Louise McLane.....	Cady, Ohio
Lobsiger, Elizabeth .....	Zilwaukee
Lobsiger, Julia .....	Zilwaukee
Lockhart, Charlotte W.....	Bay City
Lockwood, Edna N.....	Vassar
Loew, Flossie P.....	Burnips Corners
Logan, Marian .....	Jura, Ont.
Logan, Nora M.....	Deerfield
Lomphey, Frank W.....	Detroit
Long, Mrs. W. M.....	Deerfield
Longanecker, Lida .....	Hiram, Ohio
Loomis, Lora A.....	Carson City

Lorch, Hermine .....	Detroit
Lovejoy, Jean .....	Litchfield
Lucas, Hattie B. ....	Dexter
Lupton, Adah L. ....	Lupton
Lute, Myrna .....	Vermontville
Lyman, Grace .....	Kingston, Ont.
Lymburner, Opal .....	North Street
Lynch, Rosemary .....	Saginaw
McAllister, Howard B. ....	Ellkton
McArthur, Olla M. ....	Azalia
McBain, J. Ford .....	Ypsilanti
McCall, Belle A. ....	River Rouge
McCallum, Chas. W. ....	Caseville
McClue, Hester L. ....	Charlotte
McConalogue, Ida C. ....	Inkster
McCurry, Margaret .....	Grand Rapids
McDaniel, Myrtie .....	Romulus
McDevitt, Frances .....	Ypsilanti
McDonald, Katheryne .....	Golconda, Ill.
MacDonald, Laura .....	Port Huron
MacDonald, Mary .....	Hubbell
McDougall, Walter B. ....	Ypsilanti
McDowell, Hattie .....	Carlisle
McDowell, Margaret A. ....	Walled Lake
McDowell, Prudence C. ....	Howell
McFall, Cynthia B. ....	Milan
McFate, Alta E. ....	Waldron
McGill, Mollie M. ....	Davison
McGinn, Patience .....	Hubbardston
McGruer, Cora .....	Memphis
McHenney, Phebe Elizabeth .....	Ridgeway
McInerney, Katherine A. ....	Gera
McIntee, Irene .....	Cbelsea
MacIntosh, Edna .....	Onaway
MacIntosh, Ethel .....	Onaway
McIntyre, Lavonia .....	Croswell
McKenney, Ella .....	Yale
McKenzie, Ruby .....	Ypsilanti
McKillop, Nellie .....	Clifford



McKume, Winifred	Chelsea
McLouth, Florence	Clayton
McMillen, Floy	Ypsilanti
McNamara, Jessie	St. Ignace
McNamara, Mae	St. Ignace
McNeil, Rushia	Muskegon
McNeil, Webb	Dexter
McVeigh, Helen B.	Pervamo
Magary, May G.	Richmond
Magner, Velma	Richmond
Malloch, Marion R.	Wabash
Mallory, Lillian	Blissfield
Mangan, Agnes	Bradley
Mangan, Lyde	Bradley
Mansfield, Harry J.	Niles
Manson, Sophia	St. Ignace
Marsh, Lyle H.	Laingsburg
Marsh, Myrtle	Mio
Marshall, Julia	Toledo, Ohio
Martin, Earl W.	Ann Arbor
Martin, Eleanora	Fowler
Martin, John D.	Kingston
Martin, Katie	Kingston
Martin, Leonard	Parma
Martenek, Anna M.	Detroit
Marvin, Ona Belle	Waldron
Mason, Harold C.	Hillsdale
Matteson, Gladys	Manchester
Matthews, Ina M.	Ypsilanti
Matthews, M. Elizabeth	Bancroft
Matthews, Margaret	Ludington
Mathews, Nora A.	Grand Rapids
Matson, Jennie C.	Northville
May, Effie L.	Hillsdale
May, Laura M.	New Baltimore
Maybee, Fay	Clarkston
Maze, Eva	Frontier
Mead, Louise	Grand Rapids
Mears, Mary	Flint

Medill, Meroy	Sault Ste. Marie
Melching, Lena	Harbor Springs
Merrill, Florence	Swanton
Merriman, Ada E.	Ypsilanti
Merriman, Edythe	Ypsilanti
Merriman, Hazel	Ypsilanti
Merritt, Elizabeth	Rondo
Merritt, Hilda C.	Salem
Messiner, Margaret	Detroit
Messmore, Maude E.	Utica
Meston, Leila M.	Wyandotte
Mettetal, Della G.	Greenfield
Meyer, Clara D.	Mt. Clemens
Meyer, Sophia E.	Detroit
Millard, Kathryn	Hart
Millen, Ara L.	Rochelle, Ill.
Miller, Bessie E.	Albion
Miller, Clara	Wauseon, Ohio
Miller, Cora	Menominee
Miller, Cora L.	Goodrich
Miller, Ethel	Hart
Miller, Hattie	Albion
Miller, Helen R.	Chelsea
Miller, Lela	Albion
Miller, Rhoda	Ypsilanti
Mills, Ina	Clinton
Mills, Velma	Detroit
Minehart, Blanche	Plymouth
Minard, Maria S.	Ypsilanti
Minnis, Hazel	New Philadelphia, Ohio
Mitchell, Hazel	Middleville
Moe, Ada D.	Parma
Moore, Carrie M.	Rochester
Moore, Cassie	Dexter
Moore, Elizabeth	Hicksville, Ohio
Moore, Estella	Wapakoneta, Ohio
Moore, Lois D.	Jackson
Moore, Lulu M.	Quincy
Moore, Mattie E.	Hicksville, Ohio

Moore, Maude .....	Lapeer
Moore, Theresa L.....	Ypsilanti
Moorman, Lucile .....	Ypsilanti
Moran, A. Ethel.....	Chelsea
Morey, Vona B.....	Clayton
Morgan, Alice B.....	Stockbridge
Morgan, Gertrude .....	Clarkston
Morhous, Portia .....	Ypsilanti
Morrice, Alene .....	Harbor Springs
Morris, Clytie .....	Alpena
Morris, Opal .....	St. Johns
Morrison, Mae E.....	Dexter
Morse, A. Helen.....	Bay City
Morse, Victoria E.....	Bay City
Morton, Alice M.....	La Salle
Mowry, G. L.....	Wixom
Moye, Iva .....	Lowell
Moyer, Florence.....	Wauseon, Ohio
Musson, E. Estella.....	Howell
Mudge, Hazel .....	Ypsilanti
Mundy, Sarah .....	Flushing
Murphy, Chettie .....	Fenton
Murphy, Gertrude.....	West Branch
Murphy, Mary .....	Lapeer
Nash, Marion .....	Plymouth
Nelson, Emma .....	Frankfort
Nelson, Osa.....	Kendalville, Ind.
Neverth, Albert A.....	Rushton
Nevison, Hazel .....	Northville
Newington, Mary E.....	Romulus
Newington, Nettie .....	Romulus
Newlon, Lulu M.....	East Lansing
Nichols, Cornelia Howell.....	Ann Arbor
Nichols, Grace E.....	Portland
Noakes, Anna Charlotte.....	Detroit
Noble, Faye .....	Coopersville
Noblet, Virginia .....	Grand Blanc
Nolan, Nellie .....	Mio
Norris, Matilda E.....	Vassar

North, Clara	Eaton Rapids
Nowlin, Clarice	Jackson
Oberst, Ambersine	Ypsilanti
O'Brien, Bertha	Hubbardston
O'Brien, Catherine	Hubbardston
O'Brien, Dorothy	Romulus
O'Brien, May E.	Milan
O'Connor, Gladys	Ypsilanti
O'Connor, Kathleen	Lapeer
O'Connor, Loretta	Detroit
Olds, William E.	Otisville
O'Leary, Patrick J.	Grass Lake
Olrich, Nellie A.	Oak Grove
Olson, Mabel M.	Muskegon
Oltman, Harriet B.	Grand Rapids
Olmstead, Lulu M.	St. Louis
O'Neill, Mary C.	Hubbardston
O'Neill, Rose	Hubbardston
O'Neill, Teresa J.	Hubbardston
Osborn, Alta M.	Eckford
Oven, Elsie M.	Dearborn
Overly, Myrtle F.	Fredericktown, Ohio
Paddack, Grace B.	Detroit
Paine, Ada M.	Ypsilanti
Paisley, Georgia	Ypsilanti
Palmer, Dell M.	Brooklyn
Palmer, Mabel	Milan
Pardee, Mary L.	Detroit
Pardon, Myrtle L.	LaSalle
Parker, Maggie	Royal Oak
Parks, Elizabeth	Ypsilanti
Parmelee, E. Irene.	Flushing
Parrish, Ola L.	Vernon
Parsons, Gertrude L.	Ypsilanti
Parsons, R. M.	Ypsilanti
Pate, Edna	DeWitt
Patterson, Mary B.	River Rouge
Paul, Elsa	Jackson
Payne, Grace R.	Hillsdale

Pease, Alan .....	Ypsilanti
Peavey, Irene D.....	Ann Arbor
Peck, Mildred B.....	Detroit
Peckens, Rosalie J.....	Oak Grove
Peek, Helen J.....	Northville
Pell, Audrey .....	Howell
Pell, Hazel .....	Howell
Penoyar, Bessie .....	Bangor
Perin, Urla H.....	Wayne
Perkins, Arvilla I.....	Romulus
Perrin, Elizabeth.....	Grand Rapids
Perrine, Phebe R.....	Jackson
Perrine, Viola J.....	Jackson
Peters, Florence .....	Colon
Pew, Reah Evelyn.....	Ypsilanti
Peyton, Mary L.....	Columbus, Miss.
Pfeifer, Mathilda .....	Walkerville
Phelps, Nettie J.....	Portland
Phillips, Ethel.....	Courtright, Ont.
Piatt, Fred .....	Dansville
Pinson, Harry P.....	Wyandotte
Plummer, Edith H.....	Benton Harbor
Pope, Anna .....	Lake Linden
Post, Ina M.....	Ypsilanti
Poucher, Leo A.....	Adrian
Pound, Emma .....	Fenton
Powers, Elizabeth .....	Pleasant Lake
Powers, Florence .....	Dearborn
Powers, M. Della.....	Blue Island, Ill.
Pratt, Lulu B.....	Benton Harbor
Pregitzer, Gladys V.....	Unionville
Preston, Edna .....	Waldron
Prichard, Julia E.....	Newark, Ohio
Prideaux, Della.....	Lake Linden
Pridgeon, Vida .....	Montgomery
Purdy, Nettie L.....	Plymouth
Purfield, Helen .....	Ann Arbor
Purtell, Catherine E.....	Ann Arbor
Quigley, N. Blye.....	Ypsilanti

Quinn, Mary .....	Dexter
Raftrey, Edna C.....	Chelsea
Rains, Leta .....	Ypsilanti
Ramage, Cyrilla .....	Ypsilanti
Ramage, Floral .....	Ypsilanti
Randall, Ruby E.....	Vassar
Randolph, Lillian A.....	Akron, Ohio
Rankin, Adelene .....	Milan
Rankin, Estabrook .....	Ypsilanti
Rathburn, Clara .....	Plymouth
Read, Isabella.....	Central Lake
Reading, Beatrice E.....	Detroit
Reagan, Nellie .....	Hubbell
Real, Clara C.....	Baraga
Reaume, Blanche.....	Grosse Ile
Reaume, Rhoda .....	Windsor
Reber, Anna C.....	Fremont
Reed, Charlotte .....	Detroit
Reed, Hazel .....	Ypsilanti
Reimer, Lillie .....	Lennox
Riller, Nelle T.....	New Philadelphia, Ohio
Remmele, Amelia P.....	Adrian
Reno, Florence.....	Grass Lake
Rice, Bessie .....	Wayne
Richards, Delia .....	Ypsilanti
Richards, Ella .....	Wolverine
Richards, I. Velma.....	Grass Lake
Richardson, Neva .....	Howell
Ricketts, Emily .....	Goshen, Ind.
Riedel, Erma G.....	Saline
Rieder, Louise A.....	Dexter
Rieman, Louise Elizabeth.....	Metamora
Riemenschneider, Katie .....	Chelsea
Riggs, Amy .....	Belleville
Riggs, Harold .....	Belleville
Riley, Elva S.....	Weston
Riley, Nona .....	Seneca
Rish, Laversia M.....	Concord
Rish, Leeorra J.....	Concord

Robedeau, Lillian .....	Erie
Roberts, Berneeta .....	LaSalle
Robinson, Edna G.....	Shaftsbury
Robinson, Hazel .....	Albion
Robinson, Nina B.....	Bangor
Robison, Blanche H.....	Clinton
Rodgers, Zella A.....	Oak Grove
Rogan, Henriette B.....	Croswell
Rogers, A. R.....	Allen
Rogers, Carrie B.....	Wyandotte
Rogers, Lida .....	Montague
Romer, Linda H.....	Ypsilanti
Rood, Mary C.....	Detroit
Rooke, Nellie .....	Plymouth
Roots, Beulah.....	St. Louis, Mo.
Rose, Viola I.....	Flushing
Roselle, Florence M.....	Ypsilanti
Rosenthal, Aimee .....	Turner
Ross, Kate E.....	Sault Ste. Marie
Rouse, Florence E.....	Saline
Ruen, Katherine .....	Howell
Rupp, Emma .....	Gera
Rust, Agnes .....	Ypsilanti
Rutherford, Inez .....	Lowell
Ryder, George .....	
Sallotte, Rose F.....	Ecorse
Sandberg, Marion .....	Shelby
Sanders, Grace E.....	Trenton
Sanders, Welmett.....	Spring Valley, Ark.
Sanford, Bernice .....	Marlette
Sanford, Lillian .....	Saline
Sauer, Katherine .....	Saline
Saunders, Flora B.....	Ypsilanti
Saunt, Gertrude .....	Brooklyn
Saur, Bessie M.....	Detroit
Sawslayer, Gertrude.....	River Rouge
Scanlan, Hanna B.....	Hubbell
Schaaf, Martha C.....	Hammond, Ind.
Schaffer, Lucy .....	Manchester

Schatte, Marguerite .....	Deerfield
Schell, Isabel.....	Cass City
Schell, Nellie M.....	Oxford
Schenk, Esmeralda.....	New Philadelphia, Ohio
Schmidt, Bertha .....	Detroit
Schober, Alma .....	Ida
Schober, Frederica .....	Ida
Schoen, C. Elizabeth.....	Dexter
Schoepflin, Isabel.....	Marine City
Schroeder, Edith .....	Grass Lake
Scott, Grace .....	Ypsilanti
Scott, Lettie .....	Ypsilanti
Scott, Sarah Lourhea.....	Muskegon
Scovill, Ruth .....	Ypsilanti
Scullin, Josephine C.....	Linden
Secord, Gertrude M.....	LeRoy
Seibert, Martha .....	Petoskey
Seltz, Elsie .....	Benton Harbor
Sellen, Evaline B.....	Saline
Sevison, Etta E.....	Constantine
Shaffer, Laura.....	Latrobe, Pa.
Sharkey, Ruth A.....	Marine City
Sharon, Emma V.....	Bay City
Sharp, Hazel F.....	Howell
Shaver, Maude E.....	Turner
Shaver, Teresa.....	Grand Rapids
Shaw, Velma.....	Port Huron
Shellenberger, Margaret.....	Fayetteville, Ark.
Shepherdson, Lena .....	Hart
Sherman, Nina D.....	Plymouth
Shields, Anna .....	Grand Rapids
Shields, Frances O.....	Dexter
Shipman, M. Elsie.....	Farmdale, Ohio
Shockey, Nelle S.....	Wapakoneta, Ohio
Simmons, Lucile .....	Northville
Simpson, Bertha .....	Fowlerville
Simpson, Frances.....	Mishawaka, Ind.
Simpson, Genevieve.....	Wauseon, Ohio
Skillen, Winnifred.....	Iron Mountain



Slating, Clara .....	Romeo
Slick, Lillian.....	Latrobe, Pa.
Smellie, Harry B.....	Ypsilanti
Smith, Alberta .....	Birmingham
Smith, B. Earle.....	Reed City
Smith, Mrs. Beatrice .....	Jackson
Smith, Bess .....	Otsego Lake
Smith, Blanche Elizabeth ..	Detroit
Smith, Cecile M. ....	Brooklyn
Smith, Charlotte .....	Battle Creek
Smith, Edith .....	Jonesville
Smith, Edna B.....	St. Joseph
Smith, Ethel .....	Toledo, Ohio
Smith, Geo. A.....	North Adams
Smith, Grace .....	Ypsilanti
Smith, Iola M. ....	Romeo
Smith, Jessie .....	Tecumseh
Smith, Pearl M.....	Canton
Smith, I. Pearl .....	Walkerville
Smith, Margaret L.....	Grand Rapids
Smith, Pearl M. ....	Canton
Smith, Teresa E.....	Ann Arbor
Smith, Zelma .....	Canton
Snider, Una A.....	Homer
Snyder, F. D.....	Vernon
Snyder, Jennie L.....	Caledonia
Spalding, May .....	Lambertville
Spafford, Mildred K.....	Toledo, Ohio
Spaulding, Luella .....	Charlotte
Spencer, Ella M.....	Manchester
Spicer, Elsie C.....	Carleton
Spicer, Frank .....	Plymouth
Spinks, Grace.....	Marine City
Sprague, Irma .....	Vermontville
Sprague, Lulu .....	Litchfield
Spraker, Lois Converse.....	Grand Rapids
Stacey, Bonnie B.....	Brooklyn
Stacey, Clara M.....	Pontiac
Staevisky, Marie T.....	Ypsilanti

Staley, Bertha .....	Ypsilanti
Starks, Vesta .....	Williamston
Stearns, Beulah.....	San Antonio, Tex.
Steele, Teresa H.....	Dexter
Steere, Alice Prudence.....	Crystal
Steere, Edith A.....	Ann Arbor
Stettes, Anna M.....	Lake Linden
Steinhoff, Pearl .....	Hart
Steketee, Kate .....	Holland
Stephens, Mrs. Lucy A.....	Chelsea
Stevens, Alice .....	Columbus
Stevens, Fred M.....	Riga
Stevens, Irma.....	Ottawa Lake
Stevens, Nella B.....	Perry
Stewart, Edna R.....	Lupton
Stickels, Daisy .....	Detroit
St. John, Pearl.....	Grass Lake
St. Mary, Daisy .....	Lansing
Stoddard, Florence.....	Eaton Rapids
Stoddard, Stella .....	Wyandotte
Stowe, Clella .....	Webberville
Stowe, Ethel E.....	Webberville
Straffon, Ernest E.....	Croswell
Stratton, Caroline B.....	Andover, Ohio
Stratton, Lottie B.....	Lapeer
Striffler, Ruth .....	Argyle
Strimbel, Lucy .....	Carleton
Stroud, Hattie .....	Fenton
Studor, Ethlynde .....	Fredericktown, Ohio
Sturm, Amanda .....	Saline
Sturm, Anna.....	Bay City
Sturtridge, Mary B.....	Croswell
Struthers, Dorcas .....	Detroit
Sweeney, Margaret.....	Friendsville, Pa.
Sweet, Adda .....	North Baltimore
Sweetland, Elma J.....	Saline
Swezey, Mae Belle.....	Troy, Kas.
Sugnet, M. Lillian.....	Midland
Sullivan, Emiliana J.....	Hubbardston

Sutherland, Elmore B.....	Jennings
Takken, Gertrude.....	Albuquerque, New Mex.
Tall, Nellie H.....	Clayton
Taylor, Helen.....	Reading
Taylor, Margaret.....	Walled Lake
Travis, J. G.....	Metamora
Tefft, Edith M.....	Ypsilanti
Tefft, Evria E.....	Ypsilanti
Temple, Pearl K.....	Morristown, Tenn.
Terpening, Edna E.....	Coldwater
Theeler, Marie.....	Grand Haven
Thomas, Gertrude.....	Mancelona
Thompson, Ethel.....	Grant
Thompson, Flossie M.....	Grant
Thompson, Mrs. Mary S.....	Ann Arbor
Thompson, Susie.....	Saginaw
Thornton, Cecil.....	Lambertville
Thornton, James K.....	Azalia
Thorsen, Edith C.....	Chicago
Thuler, Marie.....	Grand Haven
Thurlby, Nina.....	Tecumseh
Thurston, Junia.....	Grand Rapids
Tier, Anna.....	Akron, Ohio
Todd, Mabel.....	Adrian
Tolly, Asa.....	Hillsdale
Tompkins, Teneriffe.....	Ypsilanti
Townley, Rena M.....	Jackson
Townsend, Bessie.....	Grand Blanc
Townsend, Bessie A.....	Lakeville
Townsend, Olive.....	Saline
Treat, Phebe.....	Port Huron
Treiber, Elizabeth.....	Charlotte
Trojanowski, Ella.....	Ann Arbor
Truesdell, Nina.....	Plymouth
Truman, Gladys.....	Manton
Tucker, Mary E.....	Grosse Pointe
Turner, Mary A.....	Richmond, Ky.
Tyler, Georgiana.....	Marine City
Urquhart, Lula.....	Lapeer

Utley, Katherine .....	Lexington
VanBurean, Frances.....	Grand Rapids
Vandemark, Lela M.....	Fair Grove
van Deinse, Lillian.....	Greenville
Vandenberg, Frank.....	Grand Rapids
Van Horn, Lura .....	Grass Lake
Van Putten, Ella.....	Holland
Van Riper, Ada.....	Flat Rock
Vansaw, R. P.....	Walloon Lake
Van Sice, Nellie .....	Wayne
Van Vleet, Maude E.....	Dundee
van Vorstenberg, Mrs. Mabel L.....	Grand Rapids
Vermeulen, Nelly .....	Zeeland
Verstraten, Camille L.....	Erie
Vogelbacher, Georgia .....	Wayne
Vorce, Clara .....	Ypsilanti
Voiland, Frank L.....	Fraser
Vokes, Fern E.....	Detroit
Wade, A. M.....	Trenary
Wade, Benj. F.....	Hillsdale
Wadhams, Clara E.....	Ann Arbor
Wadsworth, Lenna L.....	Newaygo
Wagg, Mandana.....	Marine City
Waite, Mary M.....	Hale
Waite, Roy E.....	Dexter
Walker, Emily L.....	Birmingham
Walker, Georgia L.....	Richmond
Walker, Ila M.....	Plymouth
Walker, Myrtle .....	Plymouth
Walsh, Anna .....	Chelsea
Walsh, Joseph .....	Dexter
Walsh, Marguerite .....	Lowell
Walsh, Mildred A.....	Dexter
Walsh, Minnie .....	Dexter
Walsh, Nonna .....	Dexter
Walsh, Wilhelmeina .....	Quincy
Walther, Anna .....	Saginaw
Walz, Alice R.....	Munith
Ware, Katherine.....	Fort Smith, Ark.

Ware, Ella M.	Ann Arbor
Warren, Edith	Bay City
Warren, Jennie	Olivet
Warren, Mary Virginia	Olivet
Washburn, Emma L.	South Lyon
Washburn, Rose	Ada
Waters, Lucretia	Belleville
Weaver, Nina	Ann Arbor
Webb, Beatrice	Ypsilanti
Weber, Mary	Chelsea
Webster, Alice G.	Essexville
Welcker, Clotilde	Howell
Welker, Myrtle	Toledo, Ohio
Welcker, Vera	Howell
Wells, Bertha H.	Adrian
Welsh, Margaret M.	Dexter
Welsh, Mary H.	Grand Rapids
Welte, Adeline K.	Ypsilanti
West, Alma	St. Clair
Westerland, Nellie	South Frankfort
Weston, Josephine	Wilmington, Del.
Westover, Mary	White Cloud
Westphal, Louise	Bay City
Whaley, Edna B.	Milan
Whaley, Grace	Seneca
Wheeler, Mrs. Gertrude	Zeeland
Wheelock, Carrie	Hanover
Whipple, Lucy A.	Toledo, Ohio
White, Gertrude	Manchester
White, Mary L.	Freemont
White, Roy	Central Lake
White, Winifred	Lowell
Whiteman, Gertrude	Ann Arbor
Wigent, Zora	Ypsilanti
Wightman, S.	Wayne
Wigle, Mary E.	Webberville
Wilber, Flora	Ypsilanti
Wilber, Gladys	Wayne
Wilcox, Fae	Boyer

Wilder, Florence	Ortonville
Williams, Gertrude	Genesee
Williams, Winifred	Plymouth
Williamson, Earl V.	Greenville, Ohio
Willson, Susie P.	Clifford
Wilmarth, Lena A.	Quincy
Wilson, Belle	Wayne
Wilson, Camilla	Dundee
Wilson, Elizabeth K.	Oak Park, Ill.
Wilson, Florence K.	Ypsilanti
Wilson, Helen A.	Chelsea
Wilson, Mabel K.	Ypsilanti
Wilson, Mabel	Willis
Wilson, Mrs. Mayme	Adrian
Wilson, Ruby M.	Crown Point, Ind.
Wilson, S. R.	Blanchard
Wilton, Ada B.	Flint
Wilton, Anna	Flint
Wiltse, Verna	Saginaw
Wines, Emma M.	Reed City
Wines, Frances E.	Howell
Wirth, Clista D.	Ypsilanti
Wise, Laura	Allegan
Wisler, Edna	Flint
Witzel, Mabel	Ionia
Wolcott, Agnes J.	Middleville
Wolcott, Winnifred	Hanover
Wolenburgh, Florence	Detroit
Wolfe, Florence	New Philadelphia, Ohio
Wood, Ethel Genevieve	Newark, Ohio
Wood, Gladys Estella	Addison
Wood, Martha L.	Gregory
Wooden, Ethel	Belting
Woods, Aleda J.	Denton
Woods, Edward R.	Dutton
Woods, Imogene	Berlin
Woodward, Bernice	Hersey
Woodward, Frances	Frankfort
Woodward, Mae	Ypsilanti

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Woodward, Walter .....	Bad Axe
Woodworth, Hazel .....	Jackson
Woolley, Mae .....	Mosherville
Wooley, Wm. E. ....	Harrietta
Woolston, Maude M. ....	Hastings
Wright, Helen .....	Pewamo
Wright, Lulu M. ....	Ann Arbor
Wright, Ruby M. ....	Denton
Wykes, Sadie P. ....	Grand Rapids
Wyman, Inez .....	Romeo
Yeckley, Frances .....	Ypsilanti
Young, Georgiana .....	Detroit
Youngquist, Martha .....	Whitehall
Ziegler, Clara .....	Ypsilanti
Zilk, Lily M. ....	Lenox

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## List of Graduates, 1907-08

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December, 1907

DEGREE B. Pd.

Katen, Isabella Wilson. ....	Greenville
Wilber, Flora .....	Ypsilanti

### LIFE CERTIFICATES

Burch, Ray W. ....	Bellaire
Cruson, Florence M. ....	Jackson
Davis, John O. ....	Pentwater
Dieterle, Marie .....	Saline
Dixon, Walter E. ....	Ypsilanti
Hall, Lotta. ....	Bad Axe
Hartley, Isabel. ....	Minneapolis, Minn.
Haner, Bessie .....	Sturgis
Lowe, Edward J. ....	Ypsilanti
Perrin, Elizabeth. ....	Grand Rapids
Stark, Evelina M. ....	Ann Arbor

Sullivan, Joan .....	Negaunee
Scutt, Florine .....	Flint
Taisey, Connie.....	Spokane, Wash.
Woods, Berenice B.....	Ravenna, Ohio

#### LIMITED CERTIFICATES—GRADED SCHOOL

Beman, Donna .....	Grass Lake
Bergin, Frances .....	Lowell
Bower, Ella W.....	Greenville
Edwards, Frances .....	Richmond
Faunce, Lulu F.....	St. Louis
Ford, Clara .....	Brooklyn
Habing, Gertrude .....	Holland
Hunt, Anna L.....	Oxford
Klumph, Essey .....	Detroit
Melching, Matilda .....	Harbor Springs
Thomas, Norma .....	Metamora

#### LIMITED CERTIFICATE—RURAL SCHOOL

Oelke, Marie .....	Willis
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#### CONSERVATORY

Chapman, Ethel Jane.....	Walled Lake
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March, 1908

#### LIFE CERTIFICATES

Barlow, Mildred .....	Ypsilanti
Bartron, Ruth Irene.....	Newaygo
Braley, William N.....	Ypsilanti
Burkhart, Lelah C.....	Fowlerville
Chapman, Rolland D.....	Rockford
Chandler, Luella R.....	Ann Arbor
Carling, Marie.....	Grand Rapids
Clink, Ray I.....	East Jordan
Coller, Blanche Mary.....	Eaton Rapids
Cox, Inez .....	Jackson
Dougherty, Mary Evelyn.....	Manistee
Furniss, Jennie .....	Detroit
Cambell, Anna L.....	North Adams
Hamilton, Katherine D.....	Cheboygan



Hindelang, Margaret .....	Ypsilanti
Kaden, Amelia R. ....	Boyne
Lamb, Alice E. ....	Hudson
Merrill, Ashley Pearce. ....	Algonac
Mishler, Sara Janet. ....	Elkhart, Ind.
Morrison, Ray. ....	Crystal Falls
Pearce, Maude .....	Yale
Poore, Mamie .....	Detroit
Read, Gwen Josephine. ....	Detroit
Reed, Lula A. ....	Ypsilanti
Richards, Clara Jane. ....	Benton Harbor
Richardson, Sarah E. ....	Bath
Rood, Mary Rose. ....	Ypsilanti
Romer, Linda Henrietta. ....	Ypsilanti
Snyder, Franklin Delos. ....	Ypsilanti
Smith, Florence Martha. ....	Denton
Wightman, Emma .....	Ypsilanti
Webster, Charles A. ....	Metamora

#### LIMITED CERTIFICATES--GRADED SCHOOL

McKin, Cecil Victoria. ....	Cass City
Wetherby, Ethel M. ....	Bay City
Wheatley, Bernice .....	Manton

#### LIMITED CERTIFICATES—RURAL SCHOOL

Davis, Clara E. ....	Ypsilanti
Hiscock, Marjorie T. ....	Ypsilanti
O'Brien, Gertrude .....	Ypsilanti
Zink, Lydia Katherine. ....	Carleton

June, 1908

DEGREE A. B.

Eldred, Foss O. ....	Muir
Matteson, Jennie L. ....	Dexter
Norris, Orland O. ....	Ypsilanti
Pittenger, Benjamin F. ....	Ypsilanti
Sanders, Abishai J. ....	Bronson
Wigle, Mary H. ....	Webberville
Wilber, Horace Z. ....	Ypsilanti

## DEGREE M. Pd.

Goss, Josephine A.	Grand Rapids
Roe, Abigail	Harbor Springs
Wise, Margaret E.	Ypsilanti

## DEGREE B. Pd.

Cooper, Elsie E.	Charlotte
Eldred, Foss O.	Muir
Fish, Zayda B.	Sycamore, Ill.
Howard, M. Bertha	Albion
Harris, William	Detroit
Kaden, Amelia R.	Boyne
McDonald, Alexander	Standish
Peake, Ora B.	Portland
Perrin, Elizabeth	Grand Rapids
Pittenger, Benjamin F.	Ypsilanti
Richmond, Ewart C.	Manistee
Reinhold, Robert M.	Ypsilanti
Sanders, Abishai J.	Bronson
Taisey, Connie L.	Spokane, Wash.
Wigle, Mary H.	Webberville
West, Clarence J.	Franklin
Ward, Shirley	Woodland, Cal.

## LIFE CERTIFICATES

Adair, Anna O.	Ypsilanti
Adams, May E.	Eaton Rapids
Aldrich, Hugh G.	Howell
Amberson, Margaret	Port Huron
Armstrong, Pearl	Lapeer
Arnot, Sara M.	Mt. Clemens
Atchinson, Grace Irene	Flint
Atkinson, Winifred	Niles
Atwood, Bernice Alta	Grand Rapids
Bacon, Georgia H.	Pontiac
Bailey, Freda	Lowell
Baird, Nellie	Brown City
Baker, Etta R.	Peshtigo, Wis.
Baker, Henry W.	Mears

Ball, Bessie O.....	Mason
Barnard, Carrie B.....	Coldwater
Barritt, Blanche .....	Williamston
Barton, Helen M.....	Mansfield, Ohio
Basler, Carl D.....	Lowell
Baushke, Ruth T.....	Benton Harbor
Brady, Iva .....	Shelby
Behrens, Marie .....	Ithaca
Bell, Mary V.....	Las Vegas, New Mex.
Bennett, Emma J.....	Lapeer
Bennett, Edna .....	Burr Oak
Beyer, Rose L.....	Lapeer
Brewer, Jessie M.....	Leonard
Bingham, Ethel C.....	Coldwater
Bornor, Floy Alice.....	Albion
Bosink, Benjamin .....	Coopersville
Boynton, Royal J.....	Hillsdale
Brock, Roby .....	Whitehall
Brownell, Lena .....	Ypsilanti
Brown, Verna J.....	Belding
Burch, Helen M.....	Detroit
Burke, Lottie E.....	Shelby
Bush, Blanche E.....	Ypsilanti
Bush, I. Walker.....	Ypsilanti
Brundage, Perry .....	Belleville
Chapman, Helen E.....	Bangor
Cadwell, Ruel T.....	Pinckney
Caldwell, Spray Vera.....	Constantine
Crampton, Abigail.....	St. Clair
Caswell, James T.....	Jasper
Campbell, Celia.....	Troy, Ohio
Caskey, Effie.....	Harbor Springs
Clark, Inez Maude.....	Belleville
Card, Maud E.....	Laingsburg
Carpenter, Mary .....	Pontiac
Carr, Mary Loyola.....	Union City
Catton, Edna C.....	Constantine
Crittenden, Fannie .....	Ypsilanti
Cooley, Maud Amber.....	Marlette

Coon, Madge Miner.....	Brant
Coon, L. Roy.....	Dearborn
Cooney, M. Bessie.....	Durand
Cole, Eathel .....	Sturgis
Colgan, Eugene A.....	Dowagiac
Colvin, Ruth .....	Pontiac
Combs, George .....	Moscow
Corbin, Edna .....	Hart
Cortright, Frances .....	Hillsdale
Coulthard, Myrtle .....	Shelby
Cowell, Laura O.....	Ypsilanti
Curtis, Ella Pauline.....	Detroit
Dailey, Maud May.....	Grand Rapids
Davis, Clarke E.....	Burnip's Corners
Davis, Nellie May.....	Albion
Davis, Vera Estelle.....	Olivet
Davis, Winifred M.....	Ypsilanti
Dean, Lulu A.....	Ypsilanti
Dolph, Hazel .....	Saginaw
Donahue, Maude .....	Caro
Donaldson, Harriet .....	Montrose
DuRoche, Clara E.....	Marquette
Dutt, Hazel .....	Marquette
Duvall, Blanche M.....	Belding
Eddy, Eva D.....	Belding
Elkins, Blanche .....	Rockford
Elliott, Gaynell .....	Pullman
Farrington, Juliette .....	Saranac
Faxon, Orra C.....	Niles
Feyan, Daniel B.....	Hubbardston
Finton, Carrie .....	Ypsilanti
Fisk, Lulu .....	Fairgrove
Fridenberger, Florence .....	Port Huron
Frimodig, Flora .....	Laurium
Fritts, Edna Jane.....	Ypsilanti
Foess, Frieda E.....	Chesaning
Forbes, Nannie B.....	Wellsville, Ohio
Forte, Greta W.....	Quincy
Frost, Harriet E.....	Armada

Flynn, Carrie J.....	Warren
Gallup, Myrtis May.....	Flushing
Garvey, Elizabeth .....	Ludington
Gray, Christina .....	Wyandotte
Getty, Dollie .....	Sheiby
Gibbons, Olive .....	Ypsilanti
Gries, Stella Marie.....	Menominee
Grice, Irene .....	Harbor Beach
Grocinger, William .....	Fenton
Habel, Minnie.....	St. Joseph
Habermann, Elsa .....	Holland
Halladay, Genevieve A.....	Tecumseh
Hamilton, Bessie .....	Decatur
Hanna, Ida J.....	Birmingham
Hanson, Florence .....	Jackson
Harden, Mary M.....	Carson City
Harper, Mabel.....	North Branch
Harrison, Frank.....	St. Louis
Havlichek, Helen .....	Manistique
Hawkins, Alice M.....	Ypsilanti
Hawley, Adah M.....	Plainwell
Hawley, Verna E.....	Michigan Center
Hearn, Etta E.....	Benzonia
Heblewhite, Harriet E.....	Armada
Henry, Ethelyn G.....	Detroit
Herrington, Mattie Lela.....	Grand Rapids
Hildergrant, Edith L.....	Utica
Hover, J. Milton.....	Lima, Ohio
Hunt, Suzanna E.....	Saranac
Huntley, Vesta A.....	Mason
Hurford, Maude .....	Batavia
Hynes, Nat .....	Stockbridge
Jackson, Adella R.....	Ypsilanti
Jacokes, Pearl .....	Middleville
Jameson, M. Grace.....	Fairgrove
Jenkin, Grace.....	Lake Linden
Jewell, Josephine.....	Rives Junction
Johnson, Irma.....	Great Falls, Mont.
Joseph, Fern M.....	Grand Rapids

Jungnitch, Mattie C.....	Otsego
Katz, Frederick J.....	Burlington
Karn, Harriet Luella.....	Yale
Knapp, Lela J.....	Blissfield
Keep, Lutie .....	Tekonsha
Kelley, Clara .....	Cadillac
Kelsey, Vena Suzette.....	Saline
Kenney, Helen K.....	Evart
Kerman, Ellen M.....	Jerome
Kemp, Edna Carol.....	Ypsilanti
Kilmer, Olive Mae.....	Reed City
Kime, Merton.....	Grabill, Ind.
King, Nona E.....	Ypsilanti
King, Viola May.....	Eau Claire
Kirkham, Vera Leona.....	Vernon
Knights, Ethel Louise.....	Decatur
Knight, Fannie .....	Laingsburg
Koegler, Anna .....	Onekania
Lafin, Carrie .....	Ypsilanti
Laing, Gertrude.....	Iron Mountain
Lamphear, Hollis .....	Olivet
Lamport, Harold .....	Leslie
Lathers, Maurice C.....	Ypsilanti
Lathers, Swift .....	Ypsilanti
Lawson, Lottie.....	Sault Ste. Marie
Leddick, C. P.....	Sheridan
Lightrness, Ethel M.....	Pontiac
Loomis, Gertrude E.....	Fennville
Loop, Ina S.....	Sparta
Lovejoy, Louise .....	Litchfield
Lynch, Augusta .....	Mt. Clemens
Manning, Louise.....	Sault Ste. Marie
Manning, Mabel A.....	Harbor Springs
Martin, Carmelita .....	Lawton
Martini, Mary Louise.....	Norway
Martin, Nellie M.....	Grand Rapids
Mason, Irene V.....	Muskegon
Maurer, Kathryn M.....	New Philadelphia, Ohio
Meder, Loyola .....	Owosso

Mills, Harriet M.	Ida
Miner, Grace	Allegan
Moore, Sarah L.	Rochester
Moorhouse, Gertrude	Sanford
Morden, Mary	Macon
Mowry, Henrietta	Wixom
Mulholland, Mae	Cass City
McCarty, S. Eleanor	Saginaw
McMartin, Nellie	Plainwell
McKenzie, Ruby	Ypsilanti
McDonald, Bessie I.	Rushton
McGovern, Josephine	Flint
McLouth, Edith E.	Medina
McRoberts, Alice	Ypsilanti
Nash, Edna	Litchfield
Nausel, Alice	Prairieville
Newberry, Marie Anna	Ypsilanti
Newlon, Lulu M.	East Lansing
Nyland, Mayme M.	Grand Haven
Oakes, Mary E.	St. Clair
O'Connor, Helen	L'Anse
Osborne, Clara L.	Owosso
Paisley, Georgia	Ypsilanti
Palmer, Zelda	Detroit
Panek, Adam	Traverse City
Parry, Winifred	Romulus
Passage, Kate O.	Plymouth
Patterson, Elva M.	Dorr
Pepke, Clara	Detroit
Pew, Evelyn May	Grand Rapids
Phelps, Ella	Lapeer
Phelps, Jessie L.	Willis
Preston, Maude	Eau Claire
Phillips, Sarah	Armada
Phinney, Hazel	Monroe
Powers, Mabel Luella	Harbor Springs
Randall, Hiram Edward	Armada
Rathbun, Bertha	Eaton Rapids
Ray, Anna Mary	Albion

Read, Bessie M.....	Rushton
Read, Elsie .....	South Lyon
Reading, Gertrude .....	Flat Rock
Reed, Ethel M.....	Durand
Reynolds, Leona .....	Seattle, Wash.
Ricard, Eathel .....	Ypsilanti
Roberts, Ettola Agnes.....	Ypsilanti
Rogers, Clarinda Belle .....	Dundee
Ronan, Marie B.....	Coldwater
Rouse, Ruby M.....	Ypsilanti
Runnels, Ross Owen.....	Eau Claire
Runner, Lois A.....	Shelby
Sachs, Clara .....	Louisville, Ky.
Sharpe, Helen E.....	Sault Ste. Marie
Swartwout, Ethel A.....	Detroit
Swartout, Neva R.....	Battle Creek
Sprague, Ralph M.....	Douglas
Seibert, Mabel A.....	Petoskey
Seitz, Elsie Caroline.....	Benton Harbor
Shellenberger, Cleo .....	Ypsilanti
Steele, Jessie D.....	Ionia
Stevens, Harmon Leroy.....	Oxford
Stewart, Anna L.....	Algonac
Stewart, Lelah M.....	Jackson
Simmons, Mary Adams.....	Marshall
Simons, Carrie L.....	Dansville
Shigley, James F.....	Hart
Spitzer, Ethel Emily.....	Grafton, Ohio
Scofield, Cline M.....	Tecumseh
Snowball, Elizabeth .....	Milan
Shoettle, Katherine .....	Dearborn
Stowell, Nellie .....	
Snure, Barbara .....	Edwardsburg
Smith, B. Earle.....	Reed City
Smith, Ethel .....	Toledo, Ohio
Taylor, Veda Kathryn .....	Marcellus
Tracy, Bessie .....	Petoskey
Travis, Myrtle .....	Clarkston
Tripp, Walter J.....	St. Clair



Torrey, Bessie L.	Bangor
Thomas, Annie Franklin	Hillsdale
Thomas, Mabel E.	Geneseo, Ill
Thomson, Evelyn E.	Ypsilanti
Turner, Pearl	Evart
Tuttle, Alwilda	Cheboygan
Tryon, Irene	Bay City
Walker Edyth M.	Tawas City
Wamsley, Jennie R.	Cedar Springs
Warner, Emma	Alto
Warner, Vie Ora	Frankfort
Welden, Louise	Jonesville
Wells, Phebe	Gaylord
Werner, Louise	Lake Linden
Wilner, Gretta B.	Pontiac
Williams, Ruth M.	Detroit
Wilson, Anna E.	Marlette
Wilson, Minnie J.	Wausau, Wis.
Wilson, Olive	Milford
Wilson, Winnifred	Tecmuseh
White, Fern	Marshall
White, Callie	Clio
White, Maud	Flint
Whitten, Winifred E.	Bridgman
Wright, Grace Edna	Howell
Wood, Martha	Charlotte
Woods, Margaret Evelyn	Berlin
Worner, Crystal	Grand Rapids
Wyman, Carrie L.	Romeo
Wyman, Charles E.	Munica

#### LIMITED CERTIFICATES—GRADED SCHOOL.

Andrews, Florence	Orchard Lake
Aubrey, Catherine	Milwaukee, Wis.
Arendsen, Harter	Holland
Banghart, Georgia	Maryville
Brainerd, Effie L.	Vassar
Bliss, Bernice	Rochester
Brigham, Olive	Plainwell

Bennett, Blanche	Wixom
Boardwell, Katheryn	Montague
Burt, Orpha D.	Pontiac
Burean, Adelaide	Detroit
Coddington, Alice B.	Colon
Eastman, Jane E.	Benton Harbor
Fosdick, Carrie M.	Pontiac
Gordon, Margery B.	Martin
Harris, Josephine	Pinckney
Hand, Erma Marguerite	Ypsilanti
Haven, Flora	Clio
Herman, Eliza J.	Auburn
Hermann, Ida M.	Monroe
Kerrinnis, Wilhelmina	Holland
Lindow, Irene	Marine City
Minns, Carrie L.	Millington
Munn, Ruth	Salem
McDermott, Anna	Flint
Nekervis, Sara L.	Laurium
Palmer Pearl O.	Lansing
Riker, Grace L.	Millington
Schrontz, Pearl R.	Coldwater
Sheridan Clara R.	Flushing
Shotwell, Nina	Dimondale
Walton, Grace	Conneaut, O.

#### LIMITED CERTIFICATES—RURAL SCHOOL.

Caffrey, Mary E.	Jackson
Lennox, Leah C.	Millington
Lambie, Minnie M.	Ypsilanti
Koch, Charlotte E.	Jackson
McIntyre, Ruth	Detroit
Paul, Elsa	Saline
Stringham, Louise	Grand Rapids
Woods, Aleda J.	Denton

#### CONSERVATORY GRADUATES.

June, 1908.

Abbott, Bessie	Fowlerville
Beebe, Leone	Tipton
Braisted, Lou	Ypsilanti

Brown, Genevieve .....	Ypsilanti
Christian, Lella Blanche .....	Chesaning
Cordary, Mary .....	Ypsilanti
Crafts, Winifred .....	Grass Lake
Dangers, Louise .....	Neillsville, Wis.
Doyle, Edna .....	Detroit
Fox, Irene Ethel .....	Ionia
Gass, Mabel Alice .....	Ypsilanti
Gorton, Lyle .....	Gregory
Hall, Bertha Louise .....	Mason
Hamilton, Katharine D. ....	Cheboygan
James, Myrtle .....	Caro
Jolliffe, Pearl .....	Plymouth
Lambie, Leah Younglove.....	Ypsilanti
Lysaght, Agnes .....	Grand Haven
McCurdy, Ethel .....	McLean, Texas
Nowack, Louise .....	Norway
Oltman, Harriet B. ....	Grand Rapids
Shattuck, Bertha .....	Plymouth
Shore, Minnie L. ....	Evart
Slater, Mabel .....	Frankport
Smith, Sarah L. ....	Albion, N. Y.
Thomas, Ione Hope.....	Portland
Thorn, Veva Lucile.....	Ypsilanti
Trabilcox, Letha Azalia.....	Ypsilanti
Walker, Ethelyne .....	Almont
Warren, Jane .....	Tekonsha
Wood, Grace .....	Hanover
Wood, May Electa.....	Stanley, N. Y.
Wright, Agnes .....	Port Huron

### GRADUATES FOR AUGUST, 1908.

#### DEGREE A. B.

Brown, Leroy N. ....	Clarkston
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#### DEGREE B. Pd.

Essery, Evan .....	Ann Arbor
Mowry, G. L. ....	Wixom
Sanford, Bernice .....	Mayville

## Life Certificates.

Alpermann, Johanna	Wapokeneta, Ohio
Backus, Rosamund	Dansville
Baker, Clara A.	Allen
Bond, Lettie A.	Ypsilanti
Boot Gertrude	Holland
Bradley Ruby I.	Lyons
Brown, Allene	Hart
Brown, Amy J.	Columbus, Ind.
Crawford, Irene Pearle	Detroit
Crawford, Ralph O.	North Branch
Davidson, Martha	Hubbell
Dean, Mabel	Quincy
Diehl, Louise M.	Marshall
Easton, Verna	Dexter
Enright, Helen C.	Grand Rapids
Erwin, Edna	Novi
Fitzgibbon, Ethel	Wayne
Flanagan, Mary	Grand Rapids
Gibb, H. L.	Whitmore Lake
Gierst, Charlotte A.	Comstock Park
Gilbert, Florence	Menton
Harrison, Celeste	Monroe
Hearn, Lulu M.	Flint
Herrick, Myrtle L.	Flint
Holmes, Iva	Ypsilanti
Jehle, Louise	Detroit
Johnson, Nellie	Nunica
Johnson, Olga	Nunica
Kettenbeil, Mabel	Lake Linden
Kilmer, A. E.	Reed City
Kline, Hazel	Lake Linden
Knowles, Angela	Azalia
Kutsche, Mary E.	Mt. Clemens
LaLonde, June	Sault Ste. Marie
Lompfrey, Frank	Detroit
Medill, Meroy	Sault Ste. Marie
Melching, Lena	Harbor Springs

Merritt, Elizabeth	Rondo
Messmore, Maude	Utica
Miller, Cora	Goodrich
Morrice, Alene	Harbor Springs
Nash, Marion	Plymouth
Newberry, Marie A.	Dundee
O'Connor, Kathleen	Lapeer
Phillips, Ethel	Courtright
Piatt, Fred	Danesville
Sandburg, Linda M.	Shelby
Schell, Isabel	Cass City
Sevison, Etta	Constantine
Sharkey, Ruth	Marine City
Shields, Anna	Grand Rapids
Simpson, Frances M.	Mishawaka, Ind.
Spraker, Lois C.	Grand Rapids
Starks, Vesta	Williamston
Wade, Alda W.	Trenary
White, Roy A.	Central Lake
Wilder, Florence	Ortonville
Williams, Winifred	Plymouth
Wyman, Inez	Romeo
Zilk, Lily	Lenox

August, 1908.

LIMITED CERTIFICATES.

Acker, Adeline C.	Wyandotte
Baker, Rannie B.	Townley
Balderson, Edna	Portland
Barlow, Carl	Ypsilanti
Bashford, Olive	Howell
Black, Myrtle	Gladwin
Biery, Grace M.	Northville
Boyd, Erma	Vassar
Braddock, Rhoda	Cheboygan
Brown, Rachel	Newberry
Burkeley, Lena	Ceresco
Craft, Mabel	Davisburg
Dudley, Verna	Reading

Feneley, Lena	Pontiac
Fox, Edith	Shelby
Gale, Nina	Cadillac
Graham, Gwendolen	Croswell
Goodwin, Gertrude	Wyandotte
Heslip, Maude E.	Hagensville
Hopkins, Catherine	Lansing
Jackson, Kate	East Tawas
Johnson, Nellie M.	Jackson
Kanouse, Bessie	Quincy
Kay, E. Coda	Brooklyn
Klagstad, Helga	Manistique
Kearns, Mildred	Jonesville
Keating, S. Etta L.	Cass City
Kellogg, Marguerite	Nashville
Kerr, Lottie B.	Bad Axe
Kitchen, Lulu V.	St. Ignace
Kowalski, Mary M.	Calumet
Lewis, Esther F.	Pentwater
Lockwood, Edna	Vassar
Logan, Nora M.	Deerfield
Magner, Mrs. Velma	Richmond
Meston, Leila M.	Wyandotte
Millen Ara L.	Rochelle, Ind
Mudge, Hazel	Ypsilanti
Norris, Matilda C.	Vassar
Perin, Urla Harper	Wayne
Randall, Ruby E.	Vassar
Rankin, Adeline	Milan
Reimer, Lillie	Lenox
Reed, Isabelle	Central Lake
Schnoor, Zoah	Marine City
Stratton, Lottie B.	Lapeer
Steketee, Kate	Holland
Striffler, Ruth	Argyle
Smith, Bess	Otsego Lake
Smith, George A.	North Adams
Smith, Pearle M.	Canton

Utley, Katherine .....	Lexington
Van Putten, Ella.....	Holland
Vokes, Fern .....	Highland Park
Walker, Emily Leech.....	Birmingham
Walsh, Marguerite .....	Lowell
Weber, Mary .....	Chelsea
Wisler, Edna .....	Flint
Woodworth, Myrtle .....	Howell

#### RURAL SCHOOL CERTIFICATES.

Adams, Helen .....	Caseville
Aebersold, Minnie G.....	Tecumseh
Barton, Mary K.....	Milan
Brower, John J.....	Hamilton
Clendenen, Lulu G.....	Dowagiac
Frebes, Lucy .....	Willis
Hitchingham, Adelaide .....	Whittaker
Hitchingham, Mamie .....	Whittaker
Mackey, Fern M.....	Holly
Newington, Mary E.....	Romulus
Stowe, Clella R.....	Webberville
Cook, Grace .....	
Webb, Beatrice .....	Ypsilanti
Wilson, Helen A.....	Chelsea

#### CONSERVATORY.

Hamilton, Katherine .....	
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## Table Showing Attendance by Counties and other States for the year 1908-1909

Alcona .....	2	Ingham .....	38
Alger .....	2	Ionia .....	25
Allegan .....	16	Iosco .....	5
Alpena .....	..	Iron .....	4
Antrim .....	9	Isabella .....	2
Arenac .....	7	Jackson .....	21
Baraga .....	1	Kalamazoo .....	3
Barry .....	17	Kalkaska .....	..
Bay .....	10	Kent .....	70
Benzie .....	10	Keweenaw .....	1
Berrien .....	33	Lake .....	3
Branch .....	15	Lapeer .....	21
Calhoun .....	22	Leelenau .....	..
Cass .....	6	Lenawee .....	38
Charlevoix .....	7	Livingston .....	30
Cheboygan .....	8	Luce .....	3
Chippewa .....	12	Mackinac .....	1
Clare .....	3	Macomb .....	42
Clinton .....	19	Manistee .....	3
Crawford .....	2	Marquette .....	8
Delta .....	2	Mason .....	19
Dickinson .....	4	Mecosta .....	7
Eaton .....	23	Menominee .....	.
Emmet .....	8	Midland .....	5
Genesee .....	24	Missaukee .....	1
Gladwin .....		Monroe .....	13
Gogebic .....	2	Montcalm .....	10
Grand Traverse .....	5	Montmorency .....	..
Gratiot .....	5	Muskegon .....	14
Hillsdale .....	15	Newaygo .....	7
Houghton .....	24	Oakland .....	50
Huron .....	14	Oceana .....	20



Ogemaw .....	1	Schoolcraft .....	4
Ontonagon .....	3	Shiawassee .....	20
Osceola .....	11	St. Clair.....	24
Otsego .....	4	St. Joseph.....	18
Oscoda .....	2	Tuscola .....	18
Ottawa .....	12	Van Buren.....	11
Presque Isle.....	3	Washtenaw .....	233
Roscommon .....	..	Wayne .....	87
Saginaw .....	10	Wexford .....	7
Sanilac .....	18		

### OTHER STATES.

Arkansas .....	1	Nebraska .....	2
Illinois .....	3	New Mexico.....	2
Indiana .....	14	New York.....	6
Iowa .....	1	Ohio .....	40
Kansas .....	1	Ontario .....	1
Kentucky .....	1	South America.....	1
Minnesota .....	4	Texas .....	2
Missouri .....	1	Vermont .....	2
Montana .....	3	Windsor .....	1

## Statistics for 1908-1909

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Enrollment in Normal College proper for the college year to date, March 10, 1909.....	1,370
Number entering this year for the first time.....	593
Number of above received on diploma.....	489
Number of preparatory students.....	28
Number of students in Conservatory of Music.....	229
Number of candidates for degree B. Pd. in residence...	22
Number of counties sending students (see table p. 239)	76
Number of counties not represented.....	7
Number who have taught.....	558
Number enrolled in summer term of 1908.....	1,355
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Total .....	2,725
Deduct counted twice.....	189
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Total attendance to date, March 10, 1909, for the year beginning July 1, 1908, not including number enrolled in Training School ..... 2,536

Pupils enrolled in Training School:

Kindergarten .....	86
First grade .....	46
Second grade .....	42
Third grade .....	41
Fourth grade .....	47
Fifth grade .....	53
Sixth grade .....	55
Seventh grade .....	44
Eighth grade .....	45
High School department.....	84
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Total in Training School..... 543

Total attendance in College and Training School..... 3,079

# Directory, 1908-1909

Jones, L. H., A. M., 730 Forest Avenue.

Adams, Edith.....	216 Hamilton St.
*Baker, Estella.....	111 N. Normal St.
Barbour, Florus A., A. M.....	408 Forest Ave.
Baushke, Ruth.....	130 College Place
Blount, Alma, Ph. D.....	410 Forest Ave.
Boardman, Alice I.....	521 Congress St.
Bowen, W. P., M. S., B. Pd.....	129 College Place
Buell, Bertha G., B. L.....	16 N. Summit St.
Burton, Fannie Cheever, M. Pd.....	517 Adams St.
Byrne, Susan.....	505 Ellis St.
Childs, H. Ethel.....	Forest Ave. E.
Clark, Inez.....	501 N. Adams St.
Clark, Irene O.....	610 N. Adams St.
Clark, Pearl, B. Ph.....	216 Hamilton St.
Clark, Sereno B., Ph. D.....	413 Emmet St.
*Cook, Edna T, B. S.....	109 S. Huron St.
Dixon, Edith D.....	318 Ellis St.
*D'Ooge, Benjamin L., A. M., Ph. D.....	420 Forest Ave.
Downing, Estella, A. B.....	16 N. Summit St.
Eldred, Foss O., A. B.....	208 Normal St.
Fleischer, Ida B., Ph. D.....	810 Congress St.
Ford, Richard Clyde, Ph. D.....	505 Chicago Ave.
Foster, Clyde E.....	418 Florence St.
Fuller, Grace.....	318 Ellis St.
Gallup, Myrtis M.....	316 Congress St.
Gardner, Emelyn E., A. B.....	209 Normal St.
Garner, Lota H.....	13 S. Summit St.
Gilliland, Florence, B. S.....	128 Normal St.
Gilpin, Vivian.....	710 Emmet St.
Goddard, Mary A., A. B.....	516 Adams St.
Goodison, Bertha.....	317 Huron St.
Gorton, Frederick R., Ph. D.....	512 Forest Ave.

\*Absent on leave.

Harvey, Nathan G., Ph. D.....	223	Summit St.
Hoyt, Charles O., A. B., Ph. D.....	417	Forest Ave.
Jackson, Adella .....	616	Pearl St.
Jefferson, Mark, A. M.....	205	Normal St.
King, Julia Anne, A. M., M. Pd.....	611	Pearl St.
Kneip, Helene.....	213	Michigan St.
Laird, S. B., B. Pd., M. S.....	318	Forest Ave.
Lathers, J. Stuart, B. L.....	416	Olive St.
Lombard, Mary Joy, B. L.....	324	Forest Ave.
Lott, Henry C., A. M., M. Pd.....	411	Forest Ave.
Lyman, Elmer A., A. B.....	126	Washington St.
Magers, S. D., M. S.....	914	Congress St.
Matteson, Jennie L., B. Pd.....	708	Congress St.
Miller, Margaret I., Ph. B.....	216	Hamilton St.
Muir, Helen B.....	617	Cross St.
Norris, Orland O., B. Pd., A. B.....	301	Cross St.
Norton, Ada A., Ph. M.....	510	Pearl St.
Oliff, Lillian.....	422	Pearl St.
Olmsted, Annie H.....	113	Normal St.
Parkins, A. E.....	105	Normal St.
Pearce, Abigail, Ph. B., B. Pd.....	410	Emmet St.
Pease, Frederick H.....	43	Summit St.
Peet, B. W., M. S.....	128	Normal St.
Peet, Hope Barr, A. B.....	128	Normal St.
Phelps, Jessie, M. S.....	16	N. Summit St.
Putnam, Mary B., Ph. B., M. Pd.....	314	Forest Ave.
Putnam, Ruth .....	314	Forest Ave.
Roberts, Dimon H., A. M.....	307	Congress St.
Roe, Abigail. M. Pd.....	220	Huron St.
Schulte, Henry F., A. B.....	220	Hamilton St.
Sherzer, William H., M. S., Ph. D.....	9	N. Summit St.
Shultes, Florence, B. Pd.....	210	Washington St.
Steimle, Clemens P., A. B.....	201	Washington St.
Stevenson, Wilma.....	318	Ellis St.
Stone, John C., A. M.....	423	Forest Ave.
Wilber, Horace Z., A. B.....	40	S. Summit St.
Strong, Edwin A., A. M.....	127	Normal St.
White, Minor E.....	611	Emmet St.
Wilson, Ella M.....	1	Summit St.
Wise, Margaret E., M. Pd.....	18	Adams St.

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