

COLORADO STATE TEACHERS COLLEGE

BULLETIN



SUMMER QUARTER

June 16—August 25
1928

GREELEY, COLORADO

SERIES XXVII

NUMBER 11

IMPORTANT ANNOUNCEMENT

THE SUMMER QUARTER OPEN TO ALL

Any person twenty years of age or over, whether a high school graduate or not, may enroll in the College for the summer quarter and take such subjects as he is interested in and able to carry. A record of attendance and a list of the subjects taken will be kept. College credit toward graduation is given only to those who meet the entrance requirements as stated on pages 18, 19, 20. Students who attend the summer quarter without submitting high school credentials may later present these and have their marks previously earned transferred to the regular credit records of the College.

Those students who consider themselves candidates for graduation should make sure that proper matriculation has been effected. Since the summer quarter is open to all, students who have attended during summer quarters only should not assume that their admission has been formally determined. Your case may need adjustment under current credit standards. In the case of students who entered and earned credit prior to September 1, 1923, care should be taken to determine whether an adjustment is required. (See pages 18, 19, 20 under "Admission, Certification, and Graduation.")

The number of students who wish merely to audit classes must necessarily be limited on account of lack of room. Students enrolled for credit must be given preference. Any student desiring to enter as an auditor for one or more classes must secure a special permit from the registrar. Fees are the same as for the course when taken for credit.

The College, as usual, divides the summer quarter into two equal half-quarters for the convenience of the few students who can attend for only a part of the time. Only those courses which are designated "First Half," "Second Half," or "Either Half" carry credit for less than the full quarter. All other courses must be carried for the full quarter, if taken for college credit. Note: A required course should not be taken for half credit by a candidate for graduation.

PERSONAL CHECKS

All students not identified at the Greeley banks are urged to bring letters of credit or sufficient money in travelers' checks to pay all bills until such time as they may be able to transfer their account to Greeley or make arrangements with the Greeley banks to cash their checks. All regular college bills, such as tuition, dormitory rent, and music, may be paid by the personal check of the student provided it is made out for the amount of the bill. The college is always willing to help out in all financial matters but does not assume the responsibility of cashing students' personal checks.

EVENING LECTURES AND SPECIAL LECTURE COURSES

See the notice concerning the afternoon and evening lectures under Special Courses of Lectures, on Page 13.

COLORADO STATE TEACHERS COLLEGE

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THE QUARTER
June 16-August 25

First Half
June 16-July 21

Second Half
July 23-August 25

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under the Act of August 24, 1912

Current numbers of any of the College Publications may be had on application
to the President of the College, Greeley, Colorado.

ORDER OF REGISTRATION

All students who expect to be in attendance for the full quarter should make up a program for the full quarter. Fees may be paid all at once, or, for the student's convenience, in two parts, namely, one-half on the designated dates of permanent registration for each half quarter.

I. TEMPORARY REGISTRATION

Temporary registration will take place in Gunter Hall Saturday, June 16, beginning at 7:00 A. M.

Class cards will not be given out until the opening date of permanent registration. The following blanks will be provided:

1. Personal data cards
2. Temporary enrollment card

The personal data card must be filled out each quarter.

The temporary enrollment card when completed shows your proposed schedule of classes and the amount of your fees. Do not make changes in your originally approved schedule without referring such changes to your adviser. When a student's proposed schedule has been approved by his adviser (in the auxiliary gymnasium) he will then go to the main gymnasium in order that class rolls may be taken. Your adviser is the head of the department in which you are majoring. Failure to complete this part of registration will involve payment of the late registration fee of one dollar.

Class tickets are used when the enrollment in any class is limited. A complete list of limited classes will be found in the printed instructions which you will receive as a part of the registration material.

When the student presents himself for registration, detailed printed instructions will be supplied.

II. PERMANENT REGISTRATION

The "Student's Daily Schedule" and "Class Cards" (permanent blanks) will not be given out until after June 16. Attend classes by presenting the Temporary Enrollment Card to teachers until you, your adviser and teachers are satisfied with the proposed schedule. If you are ready to transfer to permanent blanks June 22, the opening date of permanent registration, do so. Permanent registration, which includes payment of fees, will be conducted through the offices in the Administration Building on the following dates: June 22, 25, 26, 27 and 28.

III. LATE REGISTRATION

A late registration fee of \$1.00 will be charged if temporary registration has not been completed and approved by 4:00 P. M., June 16. Transfer to the permanent blanks must be completed by 5:00 P. M., June 28, the closing date of permanent registration, or another fee of \$1.00 will be imposed. The same late registration fees will be charged for the second half of the quarter.

Except by special permission of the registrar, no student, after the first quarter of work who registers after the first day of the quarter, shall, under any consideration, be allowed to take more than sixteen hours of work. If the student is more than two days late, the total number of hours on his program will be reduced in proportion to the time lost.

IV. LEAVING BEFORE FINAL EXAMINATIONS

Any student absent from class on the last day of the quarter will have his quarter report for that class turned in as "failure," unless he has a written permission from the vice-president of the College to leave before the close of the quarter. Application for such a permit shall be made in writing. Get blanks from the registrar. No teacher has authority to excuse a student from any class before the close of the quarter.

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SPECIAL FACULTY AND GENERAL LECTURERS

SUMMER QUARTER, 1928

In addition to the regular faculty, which will serve almost in its entirety through the summer quarter, the College will bring in a number of outside lecturers and teachers, leaders in their respective fields, who will conduct courses in the different departments. Some of those who will thus supplement the already strong faculty personnel are:

- DR. GEORGE E. RAIGUEL, Physician, and Lecturer on History and Politics; Staff Lecturer on International Politics for the American Society for University Teaching. Lecturer.
- DR. CARLETON W. WASHBURNE, Superintendent of Schools, Winnetka, Illinois; Expert in Field of Individual Instruction. Courses in Education.
- DR. EDWARD HOWARD GRIGGS, Author and Lecturer on Literature and Philosophy. Lecturer.
- MISS CAROLYN ELIZABETH GRAY, Lecturer in Nursing Education; Author and Hospital Nurse Superintendent. Courses in Nurse Teacher Training.
- DR. JESSE H. NEWLON, Director the Lincoln School of Teachers College, Columbia University; Former President National Education Association; Leading Educator, Lecturer and Author. Lecturer.
- MRS. SATIS COLEMAN, Music Investigator for Lincoln School of Teachers College, Columbia University; Author, and Lecturer on Music. Courses in Music and Music Education.
- DR. ARTHUR H. NOYES, Assistant Professor of History and Director of Freshman Course in European History, Ohio State University. Courses in History.
- MRS. HILDEGARD SWEET, Dean of Girls, West High School, Denver Colorado. Courses in Psychology and Education.
- MR. ALFONSO IANNELLI, Art Institute of Chicago; Artist and Sculptor of International Renown. Courses in Art.
- MISS JESSIE HAMILTON, Principal Morey Junior High School, Denver, Colorado. Courses in Education.
- DR. ERNEST HORN, Professor of Education, State University of Iowa. Courses in Education, and Lecturer.
- MR. A. L. THRELKELD, Superintendent of Schools, Denver, Colorado. Lecturer.
- DR. ROLLO WALTER BROWN, Author and Lecturer on Literature and Philosophy. Lecturer.
- DR. JOHN CROWE RANSOM, Professor of English, Vanderbilt University. Courses in Literature.
- MR. A. E. SHIRLING, Head of the Department of Natural Science and Geography, Teachers College, Kansas City, Missouri. Courses in Biological Sciences.
- MR. MERLE PRUNTY, Principal Central High School, Tulsa, Oklahoma. Courses in Education.
- MR. I. E. STUTSMAN, Superintendent of City Schools and Logan County High School, Sterling, Colorado. Former President Colorado Education Association. Courses in Education.
- MR. CLARK FRASIER, Director of Training, Lewiston State Normal School, Lewiston, Idaho. Courses in Education.

- MISS ELIZABETH CARNEY**, Instructor in English, Lake Junior High School, Denver, Colorado. Courses in English.
- MR. P. C. ARMENTROUT**, Superintendent of Schools, Erie, Colorado. Courses in English.
- MR. J. H. RISLEY**, Superintendent School District No. 1, Pueblo, Colorado. Courses in Education.
- MR. W. B. DOBSON**, Supervisor of Intermediate Grades, Public Schools of Fort Worth, Texas. Courses in Education.
- MISS CAROLYN THOMAS**, Instructor in Physical Education, High School Trinidad, Colorado. Courses in Physical Education for Women.
- MR. N. E. BUSTER**, Assistant Superintendent of Schools, Fort Worth, Texas. Courses in Education.
- MR. R. L. HUNT**, Superintendent of Schools, Las Animas, Colorado. Courses in Education.
- MR. F. A. OGLE**, County Superintendent of Schools, Weld County, Colorado. Courses in Education.
- MR. G. E. BROWN**, Superintendent of Schools, Greeley, Colorado. Courses in Education.
- MRS. EVA M. KLEE**, New York City. Courses in Art.

COLORADO STATE TEACHERS COLLEGE

Summer Quarter 1928

The purpose of Colorado State Teachers College is to train teachers for public school service. Being supported by public taxation of all the property of the State of Colorado, the College aims first to prepare teachers for all the kinds of public schools maintained within the State of Colorado. This includes rural schools, kindergartens, primary, intermediate grade, upper grade, junior high schools, and senior high schools. The College also accepts the responsibility of training supervisors for rural schools, principals, superintendents, teachers of home economics, industrial arts, fine and applied arts, training teachers, teachers of defective and atypical children, and teachers for adult night schools.

While the College is supported for the training of Colorado teachers, it welcomes students from any state or country and sends its teachers wherever they may be called. Students come to Colorado State Teachers College from many states, and its graduates go in large numbers into the neighboring states and in smaller numbers into distant states and countries.

The College recognizes as its plain duty and accepts as its function the training of students to become teachers in every type of school at present supported by the state, to meet all the demands of the public school system, to forecast those improvements and reforms which the evolution of public systems of education is to bring about in the immediate future, and to train teachers to be ready to serve in and direct the new schools which are in the process of being evolved.

LOCATION

Teachers and students who have attended Colorado State Teachers College know of the beautiful campus and ideal location of the College. For the benefit of thousands of others into whose hands this issue of the bulletin is sent, the following information is given:

The College campus covers sixty-five and a half acres, on an eminence overlooking the city of Greeley. Greeley is a beautiful city, with 14,000 population. The streets are wide and graveled, and great spreading trees on practically all of the streets in the city form continuous avenues of shade. Attractive homes and beautiful lawns add to the appearance of the city.

Greeley is located on the Union Pacific and the Colorado & Southern railways, fifty-two miles from Denver, and just thirty miles from the gateway to Rocky Mountain National (Estes) Park. The latter forms the playground each week-end for many students at Colorado State Teachers College.

The location of the College so close to the Rocky Mountains is in itself a distinct advantage. This, together with the altitude of the city—4,567 feet above sea level—makes an ideal location for summer study. Clear, dry air, sunny days, and cool nights, distinguish Greeley from other communities where the heat and humidity make work in the summertime almost unbearable. The cool snow-laden air from the mountains sweeps over Greeley and the College campus, cooling the atmosphere and making the days pleasant, even in the middle of summer. Seldom does the night temperature go above 70 degrees, and 60 to 65 degrees at night is usual.

RECREATION

The week-end excursions to the Rocky Mountain National Park, conducted under the direction of the Outing Committee of Colorado State Teachers College, have become widely known. They are now a highly appreciated part of the life of the College.

Busses leave the campus each morning at 10:30 and each afternoon at 4:15. Opportunity is thus afforded one or more individuals to take the park trip twice each day. Students and faculty members of Colorado State Teachers College get a special round trip rate of \$5.00.

The Outing Committee of Colorado State Teachers College, cooperating with the Rocky Mountain Parks Transportation Company, has arranged a series of excursions, each week-end, to the wildest and most rugged parts of the Rocky Mountain National Park. These outings are organized with Camp Olympus as a base, so that teachers and faculty members may go in groups of ten or more to the summit of the Continental Divide, Grand Lake, or other points of major interest in the Rocky Mountain National Park at approximately half price.

Many tourists take the circle trip—Denver, Estes Park, Milner Pass, and Grand Lake—at a cost of \$25.00. It is possible, however, for students of Teachers College to get a round trip ticket to the Park for \$5.00 and the round trip ticket from Camp Olympus to Grand Lake and return for \$7.00; in this way, for \$12.00, plus the meals and lodging at Camp Olympus (\$1 for lodging and fifty cents for meals), to get a trip that is as wonderful and inspiring as the trip for which the tourists pay the higher rate.

Students desiring to enter the summer school at Greeley and at the same time to enjoy the privileges of a two weeks' stay in the heart of the Rockies can get this combination by enrolling for one of the pre-summer school extension courses given at Camp Olympus from June 1st to 14th. If interested in these courses write the Extension Department, Colorado State Teachers College.

FEES AND EXPENSES

BOARD—Students board in private houses, and in the College cafeteria. The average cost of board is from \$5.50 to \$6.50 per week. In private boarding houses the rate averages \$6.00 per week.

ROOMS—There is an extensive list of approved houses, in the vicinity of the College, for students. With two students in a room the cost is \$10.00, \$11.00, or \$12.00 a month for each student; for one student in a room the cost is from \$12.00 to \$18.00. Student standard regulations are the same during the summer quarter as for the regular year, save that there are no zoning restrictions and no requirement of date books.

DORMITORIES—The Dormitory Triangle provides accommodations for 114 women students. Each room is provided with two beds, and complete accommodations for two students. Because of the great demand in the summer for rooms for a half quarter only, the College has decided to rent dormitory rooms for either half or full quarter. These rooms will cost from \$25.00 to \$28.00 for the whole quarter, or from \$15.00 to \$18.00 for either half-quarter. Students in the dormitories are required to furnish their own bed linen and towels.

It is much more satisfactory for students to see rooms in private homes before renting them. They are urged, therefore, to come a few days before the opening of the quarter, in order that they may personally select their rooms. If information concerning rooms is desired, students may write to the dean of women.

Those who wish to find roommates after they arrive in Greeley should visit the dean of women's office for a list of those desiring roommates. In selecting a room first, the student runs a great risk of not finding a roommate.

LIGHT HOUSEKEEPING—A few rooms in houses allowing light house-keeping privileges are available for a reasonable rental. The price varies from \$18.00 to \$26.00 per month.

RESERVATIONS—Reservations will be held until noon of registration day, June 16. If students are prevented from arriving at that time, and will notify the dean of women by telegraph or telephone, rooms will be reserved for them, subject to full payment of the rent. Otherwise the reservation will be canceled, the deposit forfeited and the room assigned to another applicant. This regulation applies to dormitory and all other rooms.

COLLEGE FEES—The state provides funds for the maintenance of the College for three quarters in the year. The summer quarter has the use of the College buildings and equipment, but it is necessary to draw financial support largely from student fees. Each student pays \$16.00 for a half quarter, or \$32.00 for the full quarter, plus a library fee of \$2.00. The library fee is paid by all students, whether they take either a half or full quarter. Students not citizens of Colorado pay an additional fee of \$5.00 for the full quarter or \$2.50 for a half quarter.

All students who expect to be in the College for the full quarter are expected to make out their programs of studies for the full time. The fees, however, may be paid in two parts, one half on June 16, and the other, July 22.

BOOKS—New books may be bought from the College bookroom.

APPROXIMATE EXPENSE FOR FULL QUARTER

The table below represents a median of expense—neither the least possible nor the highest—and covers the principal items:

Room	\$ 42.00
Board	72.00
College Fees	32.00
Library Fee	2.00
Books and Supplies	10.00
Total	<u>\$158.00</u>

THE DAILY PROGRAM

For the summer quarter, the class periods are arranged as follows:

- 7:00 to 7:50—First Class Period
- 8:00 to 8:50—Second Class Period
- 9:00 to 9:50—Third Class Period
- 10:00 to 10:50—Fourth Class Period
- 11:00 to 11:50—Fifth Class Period
- 12:00 to 12:50—Sixth Class Period
- 2:00 to 2:50—Ed. 100d—Unit Courses in Education
- 3:00 to 3:50—Ed. 100a—Unit Courses in Education
- 4:00 to 4:50—Book Reviews
- 7:00 to 8:00—General Lectures in Gunter Hall

STUDENT STANDARDS REGULATIONS

1. Only rooms approved by the College shall be eligible for student lodgers.
2. Rooms shall be engaged for the quarter of three months. In absence of other contract it is to be understood that rent is to be paid by the calendar month.
3. In the event of a change of rooming place, permission should be obtained from the Dean of Women for women and the Vice-President for men, and two weeks notice given to the householder, or two weeks rent paid in advance.
4. Each rooming house shall have a responsible head continually in charge.
5. Men students and women students shall not room in the same house.
6. All rooming houses must be kept in healthful, sanitary condition. Comfortable single beds are required. All rooms which girls occupy for living and study purposes should be kept at a heat of 68 to 70 degrees Fahrenheit during the winter, spring and fall. Rooms must be lighted with at least sixty watt globes for study purposes. Bathing facilities must be such that a daily bath may be had. Students should have the use of the parlor three evenings a week. Two of these evenings shall be week-end evenings. Halls must be lighted until ten o'clock at night.
7. Men and women students are expected to observe quiet and orderly conduct in their rooming and boarding places, to take due care of the furniture and premises, and to be in their rooms by ten o'clock on school nights. After dinner hours, it is permissible that a social time be observed, providing that it is not prolonged so as to interfere with study hours. It is expected that the hours after 8 o'clock in the evening, except Friday, Saturday, and Sunday, shall be observed as study hours and that there shall be quiet in the houses.
 - a. On Friday and Saturday nights, after informing their householders, women may attend social functions, approved by the College, but such gatherings shall close at twelve o'clock. Houses must be closed at 12:30.
(The fact that students eat at the cafes after dances, does not entitle them to return later than 12:30 o'clock.)
8. Junior College students (students having less than 96 hours credit) shall be permitted to have three dates per week with either a man or a girl. One mid-week date may be counted as one of these three, provided it ends by 10 P. M.
 - a. Dates for Senior College students (students having 96 hours credit) shall not be restricted, provided these dates do not interfere with their work, so as to make it of unsatisfactory grade, or with the standards of the College.
9. There must be no attending of out-of-town dances without permission of the Dean of Women for the women or the Vice-President for the men.
10. Non-college persons may be invited to student social activities with the permission of the Dean of Women.
11. All chaperones must be approved by the Dean of Women.
12. The College requests that cases of illness among the students in the rooming or boarding houses be reported immediately by the householder to the Dean of Women and to the Medical Adviser of Women.
13. The College reserves the right to decide, upon due investigation, when above Student Standards of Conduct are disregarded by the householder or boarding house proprietor, that the establishment shall be removed from its approved list.

SPECIAL COURSES OF LECTURES

The College Assembly and Evening Lectures—For sixteen years the College has maintained a general lecture course with a series of lectures by the most eminent teachers and lecturers obtainable. This annual series of lectures through these years has been the means for thousands of progressive teachers of keeping in touch with the newest developments in the evolution of educational philosophy and practice, from year to year.

In addition to the evening lectures, students are to have an extended opportunity to hear these outstanding teachers. There will be three lecture hours in the afternoons. Two of these will be devoted to unit courses in education, and the third to book reviews. There will be a different lecturer for each period each day.

Following up the success of a few book review hours given first in the summer quarter of 1924-25, the College is continuing a book review hour, three days a week through the quarter. Members of the regular faculty, visiting teachers, and special lecturers will review the outstanding current books in education, philosophy, history and political science, literature, science, religion, and like fields of interest. The course of lectures is open to all without registration or extra fee. One may attend all the lectures regularly or drop in only occasionally when a book of special interest to him is being discussed. There is no credit for the course.

TRAINING SCHOOLS

The Training School is an educational laboratory where useful problems are being worked out under the direction of skilled experts. New methods that save time, new schemes for better preparing the children for life, new curricula and courses of study are continually being considered by this school and are tried out, provided they are sound educationally. The aim is not to develop a school that is entirely different from the elementary and secondary schools of the state, but to reveal conditions as they are and as they should be. The Elementary and Secondary Training Schools strive to be leaders in the state in all that is new and modern. Effort is made to maintain such standards of excellence in the work that they may at all times be offered as a demonstration of good teaching under conditions as nearly normal as possible in all respects.

Students who expect to teach in the Training Schools during the summer quarter are asked to correspond with the principal of the elementary or the secondary school before the opening of the quarter.

REQUIREMENTS IN STUDENT TEACHING

1. The required amount of student teaching for the life certificate shall be one quarter. No credit will be given for less than a full quarter of teaching.

2. As a prerequisite to one quarter of student teaching (Ed. 2b) each student shall be required to spend one quarter in a systematic scheduled class in Pre-Teaching Observation (Ed. 2a) with the training teacher with whom he is to teach the following quarter.

3. The course in observation (Ed. 2a) shall consist of two regular observation hours each week and one conference hour every two weeks with the training teacher. This course shall also include assigned readings, method and content, which will supplement the observations and prepare the student for the subsequent course in student teaching. This course in observation (Ed. 2a) carries one hour credit.

4. Students shall be required to pass satisfactorily an achievement test and make a grade of not less than "C" in Ed. 2a, as prerequisite to student teaching (Ed. 2b).

5. Students making a grade of less than "C" in student teaching shall be required to repeat the course. A student receiving a grade of "F" in two quarters work in student teaching (Ed. 2b) is not permitted further enrollment in the Training Schools.

6. The required amount of student teaching in the senior college for the degree shall be one quarter taken in either the elementary school (Ed. 102) or the high school (Ed. 103).

7. A second quarter of student teaching may be elected in the junior college for the life certificate and in the senior college for the degree.

8. Additional prerequisites for student teaching in the junior college are: Ed. 1, Ed. 2a, and the method courses required for the majors listed on page 73 of the Year Book, 1927-28. The prerequisites for student teaching in the senior college are Ed. 101 and at least one method and one content course in the student's major.

9. A full quarter of student teaching carries five hours of credit. This requires five hours of teaching a week and in addition group conferences.

10. Mature students who submit the required evidence of at least three years' satisfactory experience may substitute the required student teaching for an advanced course in College upon the approval of the director of Training Schools under the following conditions:

- a. A score above average on the standard college entrance test
- b. A score above average on the English exemption test
- c. A grade of less than "C" (the average) in two college courses within one quarter disqualifies.
- d. No exemption is allowed where students have changed their major and have had no teaching experience in their new field.

EXTENSION DEPARTMENT

The College maintains an Extension Department to enable teachers in service to keep in touch with educational progress and to aid those teachers who have had less than standard preparation for their work to obtain a part of their professional education while teaching. For a full explanation of this work write for the Extension Bulletin. The general Catalog and Year Book explains the work of this department of the College in some detail.

Summer quarter students should understand clearly that work begun in residence and left incomplete cannot be completed through the Extension Department. Nor can unfinished work begun either in individual correspondence courses or in extension group courses be completed in residence courses.

PLACEMENT BUREAU

The Placement Bureau of the College looks after obtaining positions for the graduates of the College. When superintendents and other school officials request the bureau to nominate a teacher for a vacancy the bureau will recommend the best teacher available for the place and the salary offered. Teachers applying for positions through the bureau will be recommended for the very best positions they are qualified by personality, education and experience to fill. The bureau will be open and active through the entire summer.

GRADUATE WORK

The Graduate School recognizes two classes of graduate students: (1) Those who wish to enter and become candidates for the degree, Master of Arts; (2) Those who having taken the Bachelor's Degree wish to broaden their education without reference to a higher degree.

ADMISSION TO THE GRADUATE SCHOOL

1. Application for admission to graduate study for either of the purposes named above must be made to the Registrar of the College. Formal blanks for this purpose will be furnished by his office.
2. The requirements for admission are:
 - a. The Degree of Bachelor of Arts, Philosophy, Science, or other four-year degree from a reputable institution authorized by law to confer these degrees and approved by this institution.
 - b. Official credentials to be filed with Registrar giving (1) a record of the high school work, (2) a transcript of the undergraduate, college or university grades.
 - c. Satisfactory classification test scores to be filed with the Registrar as a matter of record.

Excess undergraduate work taken in Colorado State Teachers College may be applied toward the Master of Arts Degree, provided the student files with the Registrar prior to the time the work is done a statement from the head of his major department granting him the privilege to do this. Such credit will be granted only to students who in their fourth year do not need all of their time for the completion of their undergraduate work. The graduate class card (pink) must be used by students who wish credit for courses taken under this provision.

After satisfying the Registrar in regard to his admission to the Graduate School, the student shall at once plan with the head of his major department a tentative three-quarter program of courses.

Admission to the Graduate School does not guarantee admission to candidacy for the Master of Arts Degree.

ADMISSION TO CANDIDACY FOR THE MASTER OF ARTS DEGREE

1. Not later than the tenth week of the student's first quarter, application for admission should be made to the Registrar of the College. Formal blanks will be furnished by his office.
2. Before a student can be admitted to candidacy, he must meet the following requirements:
 - a. He must have demonstrated his ability to do a high grade of work in his field of specialization and must have shown promise of ability to do research.
 - b. The average of his first quarter's grades must be above the mean grade of "C".
 - c. He must have given evidence to the Director of the Training School of his ability to teach. This may have been done by either of the following ways: (1) Successful teaching experience; (2) Successful student teaching.
 - d. He must have established satisfactory classification test scores.
 - e. He must have demonstrated, in his department Research 223, a proficiency in organizing and expressing thought in writing. If the student shows an inability to do this, he is required to take English 20 *without credit*.

- f. He must have shown his personal fitness to become a candidate.
 - g. The head of the student's major department must have filed with the Registrar a statement endorsing the student for admission to candidacy, and giving the subject of his thesis. Blanks for this purpose will be furnished by the Registrar's office.
3. A candidate may be required by the head of his major department to pass either a written or an oral preliminary examination before he is recommended to the Graduate Council for admission to candidacy.
 4. Graduate students will not be permitted to engage in more than one extra curricular activity per quarter and then only when they reach a 50 percentile rank on the intelligence test and have made an average of "B" or more in their course work. Extra curricular activities shall be construed to include athletics, debates, oratory, dramatics, student publications, student participation in government, and the Boosters' Club.

TIME LIMIT FOR DEGREE

There are two main types of residence work — that carried on during the regular academic year (fall, winter, and spring quarters) and that carried on entirely in the summer quarter. Continuous, systematic study as much as is possible in either case is very essential. Hence the following regulations are made:

1. Students entering upon graduate work after September 1, 1927, during any one of the regular academic quarters (fall, winter, or spring) must complete and have approved by the Graduate Council all graduate work including the thesis within two years from the time graduate work is begun, or additional requirements may be made by the Graduate Council.
2. Students who restrict their graduate work entirely to the summer quarters must complete and have approved by the Graduate Council all requirements including the thesis within five summer quarters, or additional requirements may be made by the Graduate Council.

REQUIREMENTS FOR THE DEGREE

1. Beyond the four-year undergraduate course, the student working for the degree, Master of Arts, must earn graduate credits amounting to 48 quarter hours. Three quarters of work in residence are required, but one quarter of approved graduate work may be transferred from another institution; or 16 hours of approved graduate work may be done in extra-mural group classes conducted by members of the Teachers College faculty. In no case shall these provisions reduce the two full quarters of work (32 hours) required to be done on the campus.
2. Research culminating in the writing of a thesis upon some selected problem shall be an integral part of the work required for the degree. A maximum of 9 hours credit may be granted for this research.
3. Every student must register for Research 223 in his major department during his first full quarter of regular graduate work.
4. The student must have at least 64 quarter hours of undergraduate and graduate work in his major or closely related subjects.
5. He must have not less than 32 hours of undergraduate and

graduate professional work in education and related fields, as educational psychology, educational sociology, and educational biology. If the candidate majors in Education, 64 quarter hours will be required, but only work in education or educational psychology will be accepted for such undergraduate and graduate work.

6. At least 4 weeks before the date upon which the degree is to be conferred, three copies of his thesis must be filed with the head of his major department for examination by the Thesis Reviewing Committee before going to the Graduate Council for final approval.

The Thesis Reviewing Committee shall consist of the head of the student's major department, a representative of the Graduate Council appointed by the Chairman, and the instructor who is the thesis adviser, provided he is other than the head of the student's major department.

7. At least 2 weeks before the date upon which the degree is to be conferred, the complete thesis in final form must be approved and 2 copies, properly signed, filed with the Graduate Council, one of which must be an original copy. Also two dollars to bind these copies must be deposited with the Business Agent by the student.
8. The thesis must conform to definite standards. It must be typewritten on paper of good quality, size 8½ by 11 inches, and be properly bound. The arrangement of the title page is as follows:

COLORADO STATE TEACHERS COLLEGE

(Title of Thesis)

A Thesis Submitted in Partial Fulfillment of the Requirements
for the Degree of Master of Arts

by

(Student's Name)

(Title of Major Department)

(Date)

9. The form of the approval sheet shall be as follows:

Approved by:

Thesis Adviser

Department

Thesis Reviewing Committee

.....
Department

.....
Department

Chairman of the Graduate Council

Before final approval for the degree, the student may be held for an oral examination by the Council, assisted by the head of his major department.

No graduate credit will be given for courses numbered under 100, or for scattered and unrelated courses. All courses numbered under 200 require additional work for graduate credit.

The undergraduate rule as to load applies to the Graduate School. In determining the maximum amount of work, research upon thesis must be included within the limit stated.

The Master of Arts degree shall be granted only by vote of the Graduate Council.

ADMISSION, CERTIFICATION, AND GRADUATION

Prior to the school year 1923-24, students were admitted to this College upon presentation of a minimum of fifteen standard high school units, regardless of groups. Beginning with the school year 1923-24 certain designated groups were required. Unconditional admission is limited to graduates of high schools accredited by the North Central Association of Colleges and Secondary Schools or by state universities. These requirements were revised by a joint committee of Colorado high school principals and the Admission and Credits Committee of the College, with the result that the following regulations were adopted beginning September 1, 1924, and are now effective:

GROUP I. (Required) Minimum of four units must be presented

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|--|---|
| 1. English | 3 |
| 2. Social Science (History, Civics, Sociology, Economics)..... | 1 |

GROUP II. (Required) Minimum of five units must be presented

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|--|---|---|
| 3. Foreign Languages (A single unit will be accepted in one foreign language, but not in more than one) | } | 5 |
| 4. Mathematics (may include Advanced Arithmetic, after Algebra, but does not include Commercial Arithmetic) | | |
| 5. The Physical and Natural Sciences (Physics, Chemistry, Biology, General Science, Botany, Zoology, Physical Geography, Physiology, Hygiene, Agriculture) | | |

Note: Excess units above what is actually required in Groups I and II may be counted in Group III as electives

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|--|---|---|
| 6. Music and Fine Arts | } | 6 |
| 7. Commercial Arts | | |
| 8. Home Economics | | |
| 9. Manual Arts | | |
| 10. Normal Training (Maximum of two units) | | |

Note: If more than four units are presented in any special field (Nos. 6, 7, 8, 9), they will be accepted for entrance only in the same special field of work in the College.

All candidates for admission must satisfactorily pass a physical examination and also make an acceptable score in a standard classification test. Students from non-accredited high schools may gain admission to the college by presenting the same kind of credentials for admission as are required of students from accredited schools. The College will, however, give more attention to the classification test score and scholarship the first quarter, if admitted. The fee for the classification test is one dollar.

CONDITIONAL ADMISSION—Any applicant who is not a high school graduate but who is credited with 14 high school units may be admitted to the College upon presenting a transcript from a reputable high school, showing the completion of 14 units in designated groups. A special recommendation from the high school principal or superintendent will be required. Such students are limited to a maximum program of 12 hours per quarter in the College, and must make up the deficient high school unit in Teachers College High School during their first year in the College. The student cannot be enrolled for the second year until the entrance condition has been removed.

Adult students (twenty years of age or over) may be admitted to the College upon passing an English test and the standard classification test, provided the scores are sufficiently high to assure the College that the student has the ability to carry on College work, even though he may have had no high school training, or only a partial high school course.

GRADUATION

Since September 1, 1921, credit has been given only for regular College work in institutions uniformly recognized as standard colleges or colleges maintained primarily for the training of teachers. On that date Colorado State Teachers College discontinued giving college credit for teaching experience, handwriting certificates, music certificates, drawing certificates, private study, private lessons of any kind or work in business colleges, conservatories of music, dramatic schools, county institutes, reading circles, or for any other kind of work done in an institution other than one ranking as a standard normal school, college, teachers college, or university.

Students coming up for graduation since September 1, 1924, are required to meet standard requirements for the certificate or degree no matter what the requirement might have been at the time the student first enrolled in the College. This means that the student must meet the entrance requirements outlined above. It also means that credit for life experience, teaching experience, handwriting, art, and music certificates; private lessons in art, music, and the like; excessive credit for a quarter's work, and especially the excessive credit formerly given for the summer term of six weeks, will not be included in the total now required for graduation.

The College will continue to grant the two-year certificate in departments listed on page 20, the Bachelor of Arts and the Master of Arts degrees, but under the conditions of entrance which became effective September 1, 1924, and the conditions of graduation which became effective September 1, 1924. Students whose entrance was approved under the requirements announced for the school year 1923-24 are not required to make any adjustments because of the revision made as shown above which became effective September 1, 1924.

Ninety-six quarter-hours are required in the courses wherein the Life Certificate is granted upon the completion of two years of work. One hundred and ninety-two quarter-hours are required for the Bachelor of Arts degree.

ADVANCED STANDING—Students who come to the College after having done work in another college, normal school, or university, will be granted advanced standing for all such work which is of college grade, provided that the institution in question has required high school graduation as a condition for admission. Those who receive advanced standing are required to take here all of the prescribed subjects in the course they select, unless these prescribed subjects, or their substantial equivalents, have been taken already in the institutions from which the students come. No advanced standing is granted for additional units above the usual sixteen earned in the four-year high school course.

UNIT OF COLLEGE CREDIT—All credits toward graduation are calculated in "quarter-hours." The term "quarter-hour" means a subject given one day a week through a quarter of a year, approximately twelve weeks. Most of the College courses call for four recitations a week. These are called four-hour courses. A student usually selects sixteen quarter-hours, the equivalent of four courses each meeting four times a week, as his regular work.

MAXIMUM AND MINIMUM HOURS OF CREDIT—A student registers usually for fifteen, sixteen, or seventeen hours, each quarter. The average shall be not more than sixteen hours for any three consecutive quarters, or forty-eight for the year of nine months. If a student attends during the summer quarter, this average shall be understood to apply. If the work is to count as a *resident* quarter, the student must carry at least

twelve quarter-hours. A student who wishes to take a larger program than sixteen hours regularly must take one of the standard classification tests. Following the test, the student may carry seventeen or eighteen hours regularly, if the score is high enough to warrant it. In no case shall more than eighteen hours be allowed.

THE TEN HOUR RULE—A student failing to pass in ten hours of college work out of a full quarter's program of from 12 to 16 hours will be dropped at the end of the quarter and may not enroll again except by special permission of the vice-president, and then only on probation for one quarter. The second failure to pass in ten hours of work permanently excludes the student from the College.

MINIMUM RESIDENCE REQUIREMENT—The College does not grant any certificate or degree for less than three full quarters of resident study, during which time the student must have earned at least forty-eight (48) quarter-hours of credit. If the student's first graduation is with the Bachelor of Arts degree, only three quarters are required. Students who have already taken the Life Certificate (two-year course) must spend in residence at least two additional quarters for the Bachelor of Arts degree. Extension group classes conducted by members of the College faculty are considered as resident work and may be counted as such to the extent of one quarter for the Life Certificate (two-year course) and one of the two resident quarters required beyond that for the Bachelor of Arts degree. The residence requirement in the Graduate School is shown on page 15.

THE GRADING SYSTEM—The system of weighted credits which was in effect for some years was abandoned by faculty action October 1, 1924. However, extra credit earned under that system while in effect is not to be discounted because of the change. The following grading system has been adopted by faculty action and has been in effect since October 1, 1924.

- A indicates superior work
- B indicates work above average
- C indicates average work
- D indicates work below average, but passing
- F indicates failure

A grade of A, B, C, or D, yields normal credit in any course taken. A course marked "F" carries no credit and may not be adjusted except by repetition of the course at a later time. Other markings may be used when necessary, as follows:

- "Inc.," Incomplete
- "W," Withdrawn

A course marked "incomplete" must be made up within three months, or during the succeeding quarter, if credit is to be given for it. By special arrangement in advance with the vice-president or registrar and the teacher a longer time may be given.

A course marked "withdrawn" may not be made up unless arrangement has been made at the time of withdrawal with the vice-president or registrar.

THE SCHOOL YEAR—The school year is divided into four quarters of approximately twelve weeks each. These are:

1. The Fall Quarter
2. The Winter Quarter
3. The Spring Quarter
4. The Summer Quarter

This division of the year is especially well suited for a teachers college, for it gives teachers in active service an opportunity equal to any of securing a complete education while teaching.

CERTIFICATES AND DEGREES

THE TWO-YEAR COURSE—A student must do full work in residence during at least three quarters before being granted any certificate. Thus, not more than forty-eight of his ninety-six hours may be granted on advanced standing or for extension courses. See page 22 for list of departments in which a Life Certificate is granted.

THE FOUR-YEAR COURSE—At the end of the fourth year of study, and upon the completion of one hundred and ninety-two quarter-hours of credit, the degree of Bachelor of Arts will be conferred. This degree is a life license to teach in any of the public schools of Colorado and will be granted to all students who have completed the requirements of the course they are pursuing.

THE FIVE-YEAR COURSE—See "Graduate Work," pages 15, 16, 17.

REGULATIONS CONCERNING OVERLAPPING OF A.B. AND A.M. WORK—To prevent overlapping of time and consequent misunderstanding the Admission and Credits Committee grants advanced standing never in excess of one hundred and forty-four quarter-hours to applicants who fall short of admission to the graduate school. Students transferring to Colorado State Teachers College when they are within one or two quarters of the Bachelor of Arts degree must expect to lose some time by making the transfer.

GROUP COURSES—Each student is required to select one of the group courses given in detail under the departments of the College. If a student has taken subjects elsewhere similar to those specified in his group course, he may, with the consent of the head of the department in which he is specializing, be allowed to substitute the work he has already had for required Colorado State Teachers College work. The student may not, however, be excused from the "Professional Core" shown above, except by the vice-president.

TIME LIMITS FOR COMPLETING COURSES—A student is allowed four years after beginning resident work on a two-year course in which to complete that course under the conditions which prevailed at the time the student entered the College. Another four years is allowed to complete the work of the third and fourth years under the requirements in effect at the time the student begins resident or group extension courses of the third year. This extension of time is made to take care of those who must teach between the years of resident work. At the expiration of this time a student may continue in the course already begun, but must meet any new requirements which may have been adopted in the meantime. This is intended to cover conditions of admission and general changes, as well as any which may have been made within the student's major department. In any event, when a student graduates from a two-year course the current Year Book shall be his guide in the work of the third and fourth years rather than the Year Book used for the first two years.

TRANSFER OF CREDIT FROM OTHER COLLEGES—Since Colorado State Teachers College is a college for training teachers, its courses of study are technical. Those who come from universities or liberal arts colleges with one, two, or three years of advanced credits may find that some of these will not apply upon the course of study they may select here. Colorado State Teachers College accepts all credits from accredited colleges on the basis of the maximum a student is permitted to earn in this College in a given period. For the most part these credits will apply as electives in our own courses of study. Colorado State Teachers College does not guarantee that a student having had a year's work in another school will be able to complete a two-year course

in three more quarters. Many of the students are able to apply their previous work upon the courses selected here without loss of time, but often students find it necessary to remain in Colorado State Teachers College somewhat longer than they had expected because of the number of required technical courses in a given curriculum.

THE COURSE OF STUDY

Throughout this catalog courses numbered 1-99 are primarily first and second-year subjects: 100-199 are third and fourth year. Those numbered 200 and above are graduate courses.

Colorado State Teachers College is a technical school whose sole function is to prepare teachers for the teaching profession in the same sense that medical colleges prepare physicians and surgeons, and engineering schools prepare engineers.

For this reason its curriculum is sharply differentiated from that of other technical schools and also from that of the college of liberal arts, whose aim is to give a general rather than a specific training.

The curriculum in Colorado State Teachers College is formulated on the basis of four years' work. The following departments shall prepare teachers to receive the Bachelor of Arts degree:

Biology	Fine and Applied Arts
Commercial Education	Geology, Physiography, and
Education	Geography
Superintendents	History and Political Science
Principals for	Home Economics
Elementary Schools	Hygiene and Physical Education
Junior High Schools	Industrial Arts
Senior High Schools	Literature and English
Supervisors and Teachers for	Mathematics
Kindergarten-Primary	Music
Intermediate	Physical Sciences
Upper Grades	Chemistry Physics
Rural Schools	Romance Languages and Latin
Educational Psychology	Social Sciences

Any student who wishes to take a Life Certificate entitling him to teach in the elementary schools before the completion of the full four-year departmental curriculum in which he is majoring, must complete all the required work in the first two years of the curriculum for that department in which he elects to take his certificate. The following departments are those referred to:

Kindergarten-Primary	Fine Arts
Intermediate Grades	Manual Training
Junior High School	Home Economics
Rural	Commercial Education
Music	

Each student selects a department in which he expects to specialize. The head of the department selected becomes the student's permanent adviser throughout his college course. The choice of a course may be made at the opening of the student's first college quarter. But if the student is undecided, he may register for one quarter as unclassified and defer the selection of his major subject until the beginning of his second quarter.

A student who expects to go straight through a four-year curriculum may major in any of the departments, but, except as noted above, can not get the Life Certificate until the full degree course is completed. One who finally expects to complete a degree course in some other department than the nine listed for the two-year life certificate may, however, begin his course as a major in one of the nine listed curricula and at the

same time elect the departmental requirements of the first two years of the curriculum he finally expects to use as his major. At the end of two years he may take his Life Certificate with a major, for example, in junior high school teaching. He would at that time have completed all the core requirements and departmental requirements of the junior high school curriculum, and also, the departmental requirements of the first two years of his four-year major, for example, history or geography. Then he may go out and teach for a time. When he returns to the College he may register as a history major, or a geography major, and go on and complete his four-year curriculum and receive the degree of Bachelor of Arts in the field finally chosen. During the first two years this student would register as a major in one of the nine designated departments. His adviser would be the head of that department. In the third and fourth years his adviser is the head of the department finally chosen for the Bachelor of Arts degree curriculum.

LENGTH OF COURSE—Each course is planned to occupy twelve quarters. A quarter is approximately twelve weeks in length. Upon the completion of the course the degree of Bachelor of Arts will be granted. The courses shown just preceding are so arranged that they may be divided in the middle. The first part of these courses may be completed in six quarters. The student who chooses to be graduated at the end of the two-year course receives a Life Certificate but no degree. This certificate is a life license to teach in the elementary schools of Colorado and is honored in most of the other states.

Application for any certificate or degree must be made to the Registrar at least thirty days before the close of the quarter in which the certificate or degree is to be granted.

THE PROFESSIONAL CORE—Each of the courses differs somewhat from the others in the subjects required by the department, but each course contains the following subjects:

FIRST YEAR: Biology 1, English 4 (unless excused for proficiency), Hygiene 1, Civilization 1, Civilization 2, Education 1, and a Physical Exercise course each quarter.

SECOND YEAR: Psychology 2a and 2b, Education 2a and 2b (pre-teaching observation and student teaching), Education 10, and a Physical Exercise course each quarter.

THIRD AND FOURTH YEARS: For majors in elementary school work, supervision, etc. Education 102 (student teaching), Education 111, Hygiene 108, Psychology 104 and 108a, and Sociology 105.

THIRD AND FOURTH YEARS: For majors expecting to become high school teachers, supervisors, and principals. Education 101, 103 (student teaching), 111, 116 or 113, Hygiene 108, Psychology 105 and 108b, and Sociology 105.

ART

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. FINE ARTS METHODS FOR INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—First half or full quarter. Two or four hours. Fee 50 cents.
2. FINE ARTS METHODS FOR PRIMARY GRADES—Full quarter. Four hours. Fee 50 cents.
3. FREEHAND DRAWING I—Full quarter. Four hours.
- 4a. ART STRUCTURE II—Full quarter. Three hours.
- 4b. DESIGN—Either half or full quarter. Two or four hours.
5. WATER COLOR PAINTING—Full quarter. Four hours.
6. ART APPRECIATION—First half quarter. One hour.

7. CONSTRUCTIVE DESIGN—Either half or full quarter. Two or four hours. Fee 50 cents.

Prerequisite Art 4a or 4b or the equivalent.

9. HISTORY OF ART—Full quarter. Three hours.

12. HOUSEHOLD ART DESIGN—Either half or full quarter. Two or four hours.

13. INDUSTRIAL ARTS METHODS FOR PRIMARY GRADES—Full quarter. Four hours. Fee \$1.50.

14. INDUSTRIAL ARTS METHODS FOR INTERMEDIATE GRADES AND JUNIOR HIGH SCHOOL—Full quarter. Four hours. Fee \$1.50.

16. FREEHAND DRAWING II—Either half or full quarter. Two or four hours.

Prerequisite—Art 3 or equivalent.

17. LETTERING AND POSTER COMPOSITION—Full quarter. Two hours.

100. SUPERVISION OF FINE ARTS EDUCATION—Full quarter. Two hours.

101. DRAWING FROM THE FIGURE—Either half or full quarter. Two or four hours.

103. ART STRUCTURE III—Either half or full quarter. Two or four hours.

104. COLOR THEORY AND COMPOSITION—Either half or full quarter. Two or four hours.

105. WATER COLOR PAINTING—Full quarter. Four hours.

106. ADVANCED ART APPRECIATION—Second half quarter. One hour.

109. ADVANCED HISTORY OF ART—Full quarter. Three hours.

116. ADVANCED FREE HAND DRAWING—Either half or full quarter. Two or four hours.

120. OIL PAINTING—Either half or full quarter. Two or four hours.

223. RESEARCH IN ART—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. RESEARCH IN ART EDUCATION—Full quarter. Three hours. This is the thesis course for graduate students in their second quarter.

225. RESEARCH IN ART EDUCATION—Full quarter. Three hours. A continuation of Art 224.

ATHLETICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

13. ATHLETIC TRAINING—Two periods. First half quarter. One hour.

52. MAT WORK AND ELEMENTARY TUMBLING—Either half or full quarter. One or two hours.

55. WRESTLING, BOXING, FENCING, AND OTHER ACTIVITIES—Either half or full quarter. One or two hours.

70. SWIMMING—Either half or full quarter. One or two hours.

165. FOOTBALL COACHING—Five periods. First half quarter. Two hours.

Theory of coaching football, with stress placed on fundamentals of football for the individual and for the organized team. Special attention given to offensive and defensive systems. Generalship, training, equipment, and the newer rules will be discussed.

166. BASKETBALL COACHING—Five periods. First half quarter. Two hours.

Theory of coaching, different styles of offense and defense used by leading coaches, goal throwing, out of bounds plays, and the handling of men will be among the topics considered.

168. TRACK AND FIELD COACHING—Five periods. First half quarter. Two hours.

Theory and practice in starting, sprinting, distance running, hurdling, jumping, pole vaulting, throwing the weights and the javelin, training and management of meets, and the rules for various track and field events are subjects which will make up the course.

169. BASEBALL COACHING—Five periods. First half quarter. Two hours.

Theory and practice in batting, fielding, pitching and base running. Attention is given to fundamentals, teamwork, coaching methods, rules, conditioning the team, and methods of indoor practice.

BIOLOGY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. EDUCATIONAL BIOLOGY—Full quarter. Three hours. Fee \$1.00.

106. BIOLOGICAL FOUNDATIONS OF EDUCATION—Second half quarter. Four hours.

223. RESEARCH IN BIOLOGY—Fall quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. BIOLOGICAL RESEARCH—Three hours. Fee \$3.00. Problems for graduate thesis. Conference course. Students should register for this course only after consultation with the head of the department.

225. BIOLOGICAL RESEARCH—Three hours. A continuation of 224. Fee \$1.00.

BOTANY

2. GENERAL BOTANY—Full quarter. Four hours. Desirable prerequisite, Botany 1. Fee \$1.00.

101. SYSTEMATIC BOTANY—Full quarter. Four hours. Fee \$1.00.

223. RESEARCH IN CHEMISTRY—Full quarter. Three hours. (Taken in the first part of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. BOTANICAL RESEARCH—Three hours. Fee, \$3.00. Problems for graduate thesis. Conference course. Students should register for this course only after consultation with the head of the department.

225. BOTANICAL RESEARCH—Three hours. A continuation of 224. Fee \$1.00.

BIOTICS

101. GENETICS AND EUGENICS—Full quarter. Four hours. Desirable prerequisite, Biology 1.

201. GENETICS AND EUGENICS—Full quarter. Four hours.

ELEMENTARY SCIENCE

1. ELEMENTARY SCIENCE—Either half quarter. Four hours. Fee \$1.00. This course especially for elementary and junior high school teachers.

A special section of this course will be taught during the second half. It will meet five times per week and will fulfill the elementary science requirement.

3. ELEMENTARY SCIENCE—Second half. Three hours. Fee, \$1.00.

Home improvement or nature study as applied to the beautification of the home surroundings.

GENERAL SCIENCE

1. GENERAL SCIENCE—Full quarter. Four hours. Fee, \$1.50. Especially for junior high school majors.

ZOOLOGY

1. GENERAL ZOOLOGY—Full quarter. Four hours. Fee, \$1.00.

3. BIRD STUDY—Each half. Three hours. Fee \$1.00.

223. RESEARCH IN ZOOLOGY—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. ZOOLOGICAL RESEARCH—Three hours. Fee \$3.00. Problems preliminary to a thesis. Conference course. Before registering for this course students should consult with the departmental staff.

225. ZOOLOGICAL RESEARCH—A continuation of 224. Three hours. Fee, \$1.00.

CHEMISTRY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. GENERAL CHEMISTRY—Full quarter. Three hours. Fee, \$3.00.

4. GENERAL CHEMISTRY—Full quarter. Four hours. Fee, \$4.00.

7. QUALITATIVE ANALYSIS—Either half or full quarter. Two or four hours. Fee, according to hours of credit.

108. ORGANIC CHEMISTRY—Full quarter. Three hours. Fee, \$3.00.

110. ORGANIC CHEMISTRY—Full quarter. Four hours. Fee, \$4.00.

112. FOOD CHEMISTRY—Full quarter. Three hours. Fee, \$3.00.

113. FOOD CHEMISTRY—Full quarter. Four hours. Fee, \$4.00.

114b. QUANTITATIVE ANALYSIS—Either half or full quarter. Four hours. Fee, \$4.00 for each course.

117. THE TEACHING OF CHEMISTRY—Full quarter. Three hours.

223. RESEARCH IN BIOLOGY—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

COMMERCIAL EDUCATION

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for half credit.

1. PRINCIPLES OF SHORTHAND I—First half quarter. Four hours.

2. PRINCIPLES OF SHORTHAND II—Second half quarter. Four hours.
 3. SECRETARIAL PRACTICE I—Either half or full quarter. Two or four hours.
 4. METHODS OF TEACHING SHORTHAND—Full quarter. One hour.
 11. PRINCIPLES OF TYPEWRITING I—Full quarter. Two hours. Fee \$1.00.
 13. PRINCIPLES OF TYPEWRITING III—First half or full quarter. One and one half or three hours. Fee \$1.00.
 14. METHODS OF TEACHING TYPEWRITING—Full quarter. One hour.
 36. HANDWRITING METHODS—First half quarter. One hour.
 37. BUSINESS MATHEMATICS—Second half quarter. Four hours.
 42. ADVERTISING—Second half quarter. Four hours.
 50. PRINCIPLES OF ACCOUNTING I—First half quarter. Four hours.
 106. SECRETARIAL SCIENCE I—Full quarter. Three hours.
 110. OFFICE APPLIANCES—Full quarter. Four hours.
 159. AUDITING—Second half quarter. Four hours.
 158. PROBLEMS IN COMMERCIAL EDUCATION—Full quarter. Four hours.
 213. COMMERCIAL EDUCATION CURRICULA—Full quarter. Two hours.
 223. RESEARCH IN COMMERCIAL EDUCATION—Full quarter. Three hours.
(Taken in the first quarter of graduate work.)
- This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.
224. RESEARCH IN COMMERCIAL EDUCATION—Full quarter. Three hours.

EDUCATION

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

I. COURSES PRIMARILY FOR JUNIOR COLLEGE STUDENTS

1. INTRODUCTION TO EDUCATION—Full quarter. Four hours.
Required of all first year students.
- 2a. PRE-TEACHING OBSERVATION—Full quarter. One hour.
- 2b. STUDENT TEACHING IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL—Full quarter. Hours according to schedule.
- 3a. PRIMARY METHODS—Reading, Language, and Spelling—Either half or full quarter. One and a half or three hours.
- 3b. PRIMARY METHODS—Arithmetic, Social Science, and Health—Either half or full quarter. One and a half or three hours.
- 3c. PRIMARY METHODS—Literature and Theory of Games for Kindergarten-Primary Grade—Either half or full quarter. One and a half or three hours.
- 4a. INTERMEDIATE GRADE METHODS—Reading, Language, and Spelling—either half or full quarter. Two or four hours.
- 4b. INTERMEDIATE GRADE METHODS—Arithmetic, Social Science, and Health—either half or full quarter. Two or four hours.
5. PRINCIPLES OF TEACHING—Either half quarter, five times a week. Three hours.
10. AN INTRODUCTION TO CURRICULUM MAKING, FORMERLY THE ELEMENTARY SCHOOL CURRICULUM—Full quarter. Three hours.
Prerequisites, Ed. 1 and Sophomore standing.

15. EDUCATIONAL GUIDANCE—Either half or full quarter. One and a half or three hours.

16. ELEMENTARY TRAINING COURSE FOR CAMP FIRE GIRLS LEADERSHIP—Either half quarter. One hour.

16a. ADVANCED TRAINING COURSE FOR CAMP FIRE GIRLS LEADERSHIP—Either half quarter. One hour.

17. BOY SCOUT WORK—First half quarter. One hour.

20. AGRICULTURAL EDUCATION—Either half or full quarter. Two or four hours.

21. RURAL SCHOOL PROBLEMS—Second half quarter. Three or four hours.

23. RURAL SCHOOL MANAGEMENT AND METHODS—Either half or full quarter. Two or four hours.

24. THE RURAL COMMUNITY—Second half quarter. Two hours.

28. SCHOOL AND HOME GARDENS—First half quarter. Two hours.

51. LITERATURE AND THEORY OF GAMES. Now Ed. 3c.

52. KINDERGARTEN MATERIALS—Either half or full quarter. One and a half or three hours:

65. BIBLE STUDY, RELIGION OF ISRAEL—First half quarter. Two hours.

This course will trace the religion of Israel from earliest beginnings through the exile period, showing the growth, through experience, of the Hebrew religion and the progress of the Hebrew conception of God. Emphasis will be laid upon the teachings of the Prophets.

66. BIBLE STUDY, THE PERSONALITY AND TEACHINGS OF JESUS—Second half quarter. Two hours.

This is a study of Jesus and his world, and of Jesus and our world today, with a historical study of the records of the life of Jesus.

II. COURSES PRIMARILY FOR SENIOR COLLEGE STUDENTS

100a. PROBLEMS OF EDUCATION—Either half or full quarter. One credit hour each half. (Fifteen or more lecturers.)

A strong course of all major fields of knowledge emphasizing recent developments in theory and practice.

100d. UNIT COURSE IN EDUCATION—Each course one hour—summer quarter.

These unit courses will deal each for nine days, Monday to Friday one week, Monday to Thursday a second week, with five major phases of creative education. Unit 1—Creative Music—will be given by Mrs. Satis Coleman, Lincoln School of Teachers College, an outstanding leader of creative music; Unit 4—Creative Literature—will be given by Dr. Rollo W. Brown of Cambridge, Mass., a writer of national renown in this field; Unit 3—Creative Religion—will be given by the Reverend W. S. Dando; Unit 2—Creative Art—will be given by Mr. Alfonso Iannelli, Chicago Art Institute, and Unit 5—Creative Education in School—will be given by Dr. Carleton W. Washburne, Superintendent of Schools in Winnetka, Illinois. Dr. Washburne will emphasize the application of creative education to public school practice.

100e. UNIT COURSES IN EDUCATION—County Superintendents, June 18 to 28, inclusive. Each course for two weeks. Each carries one hour's credit. Any one or more may be taken.

The following units will be given this summer: Unit 8—Rural School Buildings; Unit 9—Improvement of Written Examinations; Unit 10—Recent Investigations in the course of Study and Applications to Rural Schools.

101. PRINCIPLES OF HIGH SCHOOL TEACHING—Full quarter. Four hours.

102. ADVANCED STUDENT TEACHING IN THE ELEMENTARY TRAINING SCHOOL—Full quarter. Five hours.

102a. STUDENT SUPERVISION IN THE ELEMENTARY TRAINING SCHOOL—Full quarter. Five hours.

103. STUDENT TEACHING IN THE SECONDARY TRAINING SCHOOL—Full quarter. Five hours.

104. THE PROJECT METHOD OF TEACHING—First half quarter. Two hours.

105. PRACTICAL PROJECTS IN THE PRIMARY GRADES—Either half or full quarter. Two or four hours.

106. ELEMENTARY TYPES OF TEACHING—Either half or full quarter. Two or four hours. (Not given summer 1928. Those students who may have been required to take Ed. 106 may take Ed. 105, Ed. 107, or Ed. 108 as a substitute.)

107. METHODS OF IMPROVING READING AND STUDY HABITS OF ELEMENTARY SCHOOL CHILDREN—Either half or full quarter. Two or four hours.

108. EDUCATIONAL SUPERVISION—Either half or full quarter. Two or four hours. (First half—Supervision of Skill Subjects; Second half—Supervision of Content Subjects.)

109. SUPERVISED STUDY—Either half or full quarter. Two or four hours.

110. EXTRA-CURRICULAR ACTIVITIES—First half quarter. Two hours.

110a. CITIZENSHIP EDUCATION IN THE JUNIOR HIGH SCHOOL—First half quarter. Two hours.

110b. CITIZENSHIP EDUCATION IN THE GRADES—First half quarter. Two hours.

111. PHILOSOPHY OF EDUCATION—Full quarter. Four hours. Required fourth year.

112. SCHOOLHOUSE CONSTRUCTION. Now part of Ed. 143.

113. ORGANIZATION AND ADMINISTRATION OF THE JUNIOR HIGH SCHOOL—Full quarter. Four hours.

(Primarily for Junior High School majors. Senior college and graduate students take Ed. 213.)

114. PRIMARY SUPERVISION—Either half or full quarter. Two or four hours.

115. ORGANIZATION AND ADMINISTRATION OF THE ELEMENTARY SCHOOL—Either half or full quarter. Two or four hours.

116. ORGANIZATION AND ADMINISTRATION OF THE SENIOR HIGH SCHOOL—Full quarter. Four hours.

Ed. 117, PROBLEMS OF SCHOOL DISCIPLINE—First half. Two hours.

This course will consider recent investigation of actual concrete situations in which discipline is involved and suggested principles for promoting good discipline in the school.

120. EDUCATIONAL FINANCE—Now part of Ed. 143.

123. EDUCATIONAL RESEARCH COURSE—Either half or full quarter. Two or four hours.

Arrange for this course with the head of the department. Qualified senior college students may register in this course only with the approval of the head of the department.

125. RURAL EDUCATION, FORMERLY ED. 25—Either half or full quarter. Two or four hours.

127. SPECIAL RURAL SCHOOL METHODS—Second half quarter. Two hours.

128. COUNTY ADMINISTRATION—First half quarter. Two hours.

129. CURRENT EDUCATIONAL THOUGHT, FORMERLY ED. 229—Full quarter. Four hours.

133. HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO MODERN TIMES—Second half quarter. Three hours.

134. HISTORY OF EDUCATION IN THE UNITED STATES—First half quarter. Three hours.

140. GUIDANCE PROBLEMS OF DEANS OF GIRLS—First half quarter. Two hours.
141. ADMINISTRATION FOR TEACHERS—First half quarter. Two hours.
(For majors in content departments interested in principalships and superintendencies in village and consolidated schools.)
142. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours.
143. SCHOOL ADMINISTRATION—Either half or full quarter. Two or four hours. (Replaces Ed. 112 and Ed. 120.)
144. SCHOOL PUBLICITY—First half quarter. Two hours.
147. EDUCATIONAL SURVEYS—First half quarter. Two hours.
148. PROBLEMS OF INDIVIDUAL INSTRUCTION—First half quarter. Two hours.
150. FOUNDATIONS OF METHOD—Either half or full quarter. Two or four hours.
151. THE PRE-SCHOOL—First half quarter. Two hours.
152. THE CHILD AND HIS SCHOOL—Not given summer, 1928.
154. RECENT INVESTIGATIONS IN ELEMENTARY EDUCATION—Not given summer, 1928.
168. PROBLEMS OF RELIGIOUS EDUCATION—Either half or full quarter. Two or four hours.
190. THE ADMINISTRATION OF NORMAL SCHOOLS AND TEACHERS COLLEGES—First half quarter. Two hours.
192. TRAINING SCHOOL PROBLEMS IN THE PROFESSIONAL EDUCATION OF TEACHERS—Second half quarter. Two hours.

III. COURSES FOR GRADUATE STUDENTS AND FOR QUALIFIED SENIOR COLLEGE STUDENTS WITH THE CONSENT OF THE INSTRUCTOR (JUNIOR COLLEGE STUDENTS MAY NOT REGISTER FOR THESE COURSES.)

210. PROBLEMS OF THE SCHOOL CURRICULUM—First half. Three hours.
211. CONCEPTIONS OF MIND IN EDUCATIONAL THEORY—First half. Two hours.
214. PROBLEMS OF THE JUNIOR HIGH SCHOOL WITH SPECIAL REFERENCE TO THE CURRICULUM—Either half or full quarter. Two or four hours. (Given in successive summers as Ed. 213, 214, and 215. Students may earn up to 12 hours.)
216. PROBLEMS OF SECONDARY EDUCATION—Either half or full quarter. Two or four hours. (Given in successive summers as 216, 217, and 218. Students may earn up to 12 hours.)
223. RESEARCH IN EDUCATION—Full quarter. Three hours.
Graduate students in their first quarter and candidates for the Master of Arts degree are required to take this course. In subsequent quarters such students register in the research courses in their major department. In Education these courses are Ed. 224 and Ed. 225.
224. RESEARCH IN EDUCATION—Full quarter. Three hours.
This is the thesis course for graduate students in their second quarter.
225. RESEARCH IN EDUCATION—Full quarter. Three hours.
This is the thesis course for graduate students in their third quarter.
229. CURRENT EDUCATIONAL THOUGHT—This course is now numbered Ed. 129.
240. WOMEN IN ADMINISTRATION—Summer quarter. Four hours. (Not given summer, 1928.)

242. PROBLEMS IN EDUCATIONAL ADMINISTRATION—Either half or full quarter. Two or four hours. (Given in successive summers as 242, 243, and 244. Students may earn up to 12 hours.)

259. PRINCIPLES OF ELEMENTARY EDUCATION—Either half or full quarter. Two or four hours. (Given in successive summers as 253, 259, and 260. Students may earn up to 12 hours.)

EDUCATIONAL PSYCHOLOGY

(For detailed description of courses, see the Year Book)
Candidates for graduation should not take a required course for a half credit.

2. EDUCATIONAL PSYCHOLOGY:

a. Second year. Either half quarter. Three hours. Five hours recitation.

Required of all students.

b. Second year. Either half quarter. Three hours. Five hours recitation.

Required of all students.

103. PSYCHOLOGY OF ADOLESCENCE—First quarter. Two hours.

This course will be taught by Mrs. Sweet from the Denver Schools.

104. PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS—Third year. Either half or full quarter. Two or four hours.

Required of students who teach or supervise elementary or junior high school work.

105a. PSYCHOLOGY OF SENIOR HIGH SCHOOL SUBJECTS—Third year. Either half or full quarter. Two or four hours.

Required of senior high school teachers and principals who are majoring in English, Foreign Languages, History and other Social Sciences.

105b. PSYCHOLOGY OF SENIOR HIGH SCHOOL SUBJECTS—Third year. Either half or full quarter. Two or four hours.

Required of Senior High School teachers and principals who are majoring in Mathematics and the Physical Sciences.

107. MENTAL TESTS AND MEASUREMENTS—Full quarter. Four hours.

Required of all Education majors.

108a. EDUCATIONAL TESTS AND MEASUREMENTS—Fourth year. Either half or full quarter. Two or four hours.

Required of students who are preparing to teach or supervise elementary or junior high school work.

108b. EDUCATIONAL TESTS AND MEASUREMENTS—Fourth year. Either half or full quarter. Two or four hours.

Required of students who will teach in the senior high school.

112. PSYCHOLOGY OF MUSIC—Full quarter. Four hours.

Required of third or fourth year Music majors in lieu of Psychology 104, 105, 108a and 108b.

113. PSYCHOLOGY OF VOCATIONAL SUBJECTS—Either half or full quarter. Two or four hours.

Required of all senior high school majors in Industrial Arts, Fine Arts, Home Economics and Commercial Arts.

212. PSYCHOLOGICAL AND STATISTICAL METHODS APPLIED TO EDUCATION—Full quarter. Four hours.

214. ADVANCED EDUCATIONAL PSYCHOLOGY—Full quarter. Four hours.

222. EXPERIMENTAL TECHNIC AND ITS APPLICATION—Full quarter. Four hours.

223. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Full quarter. Three hours.

225. RESEARCH IN EDUCATIONAL PSYCHOLOGY—Full quarter. Three hours.

ENGLISH AND LITERATURE

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

0. FUNDAMENTALS IN ENGLISH—Four days a week.

No college credit. Required of all whose scores on a standardized English test place them in the lower half, of entering college freshmen.

1. MATERIAL AND METHODS IN READING AND LITERATURE—Full quarter. Four hours.

2. THE TEACHING OF WRITTEN ENGLISH IN JUNIOR HIGH SCHOOL—Full quarter. Three hours.

4. SPEAKING AND WRITING ENGLISH—Either half or full quarter. Three hours.

Required of all students unless they pass English 4 Exemption Test.

6. AMERICAN LITERATURE—Full quarter. Four hours.

8. A SURVEY OF ENGLISH LITERATURE—670-1625—Full quarter. Four hours.

11. THE ENGLISH LANGUAGE FOR TEACHERS—Full quarter. Four hours.

12. ORAL EXPRESSION—First half quarter. Three hours.

13. THE ART OF STORY TELLING—Either half quarter. Three hours.

14. DRAMATIC ART—Prerequisite Eng. 12. Second half quarter. Three hours.

15. TYPES OF LITERATURE—Full quarter. Three hours.

16. TYPES OF CONTEMPORARY LITERATURE—First half or full quarter. Two or four hours.

20. ADVANCED COMPOSITION—Full quarter. Four hours.

31. THE SHORT STORY—Full quarter. Four hours.

101. JOURNALISM—Full quarter. Three hours.

This course aims to combine the principal points of the three courses offered during the regular academic year, as set forth in the College catalog. It is designed to aid those teachers now in service who teach journalism in the high schools or who act as advisers to the students in the publication of their school papers. It deals with news values, reporting, interviewing, editing, editorial writing, head writing, dramatic and literary reviewing, make-up, and the technical and mechanical processes as well as the business phases of publishing school papers.

105. ORAL ENGLISH IN THE HIGH SCHOOL—First half quarter. Two hours.

106. THE TEACHING OF ENGLISH IN THE HIGH SCHOOL—Full quarter. Three hours.

112. THE CHILDREN'S THEATER—Second half quarter. Two hours.

114. PLAY PRODUCTION—Full quarter. Four hours.

121. EARLY 19TH CENTURY POETRY—First half or full quarter. Two or four hours.

127. SHAKESPEARE'S COMEDIES—First half or full quarter. Two or four hours.

132. THE DEVELOPMENT OF THE NOVEL—Full quarter. Four hours.

134. MODERN PLAYS—Full quarter. Four hours.

161. OLD TESTAMENT LITERATURE—Full quarter. Three hours.

223. RESEARCH IN ENGLISH—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. RESEARCH IN ENGLISH—Full quarter. Three hours.
Required of graduate students in their second quarter.

225. RESEARCH IN ENGLISH—Full quarter. Three hours.
Required of graduate students in their third quarter.

FOREIGN LANGUAGES

(For detailed description of courses, see the Year Book)

FRENCH

1, 2, 3. ELEMENTARY FRENCH—Full quarter. Twelve hours.

This class meets twice daily five days a week, and covers the entire first year of College French.

SPANISH

1, 2, 3. ELEMENTARY SPANISH—Full quarter. Twelve hours.

This class meets twice daily five days a week, and covers the entire first year of College French.

105. ADVANCED SPANISH—Full quarter. Four hours.
Prerequisite, Spanish 1.

223. RESEARCH IN FOREIGN LANGUAGES—Full quarter. Three hours.
(Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

TEACHING OF MODERN LANGUAGES

131. THE TEACHING OF MODERN LANGUAGES—Full quarter. Four hours.

GEOLOGY, PHYSIOGRAPHY, AND GEOGRAPHY

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

7. BUSINESS GEOGRAPHY—Either half or full quarter. Two or four hours.

12. METHODS IN INTERMEDIATE GEOGRAPHY—Full quarter. Four hours.

15. METHODS AND MATERIALS OF JUNIOR HIGH GEOGRAPHY—Full quarter. Four hours.

103. CLIMATOLOGY—Full quarter. Four hours.

122. BIOGEOGRAPHY—Full quarter. Four hours.

162. GEOGRAPHY OF THE TROPICS—Either half or full quarter. Two or four hours.

150. GEOGRAPHY OF COLORADO—Either half or full quarter. Two or four hours.

223. RESEARCH IN GEOGRAPHY—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

HEALTH EDUCATION

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

Besides the core requirements listed on page 22 Catalogue, this department requires:

1. **INDIVIDUAL AND SOCIAL HYGIENE**—(Men)—Either half. Daily. Three hours required during first year.

1a. **INDIVIDUAL AND SOCIAL HYGIENE**—(Women)—Either half. Daily. Three hours required during first year.

2. **ANATOMY**—Full quarter. Lectures M. W. 8:00. Laboratory, T. Th. 2:00-4:00. Four hours. General anatomy of human body, emphasizing myology, osteology and arthrology.

8. **PHYSIOLOGY**—Full quarter. Lectures, M. W. at 2:00. Laboratory, M. W. 3:00 to 5:00. Four hours.

A course for Physical Education majors and for those planning to teach physiology.

12. **CHILD HEALTH**—Full quarter, four periods. Four hours. Deals with problems of growth development; nutrition; physical handicaps and methods of malnutrition and prevention. Required of Phys. Ed. Majors.

13. **FIRST AID**—Second half. Two hours.

Red Cross Text Book used, and usual first aid problems considered.

108. **EDUCATIONAL HYGIENE**—Either half. Daily. Three hours.

Required of all once in junior or senior years. A general informational course dealing with problems of health.

NURSING EDUCATION

100. **TEACHING OF NURSING PRINCIPLES AND METHODS**—First half quarter. Three hours.

Planned for those who are to teach nursing procedures. A study of the scientific principles involved in the nursing care of the patients, the selection of subject matter, the sequence of classes, the planning of lessons and demonstrations.

101. **NURSING SUPERVISION**—First half quarter. Three hours.

This course is planned for head nurses, supervisors, teachers, administrators who require a general knowledge of organization and administration in hospitals and schools of nursing and Public Health Organizations. It includes (a) a study of the principles upon which skillful supervision is based, (b) investigation into the practice of successful supervision, and (c) professional problems.

HISTORY AND POLITICAL SCIENCE

(For detailed description of courses, see the Year Book)

Candidates for graduation may not take a required course for half credit, except History 27.

HISTORY

1. **FOUNDATIONS OF AMERICAN NATIONALITY**—Full quarter. Four hours.

2. **DEVELOPMENT OF AMERICAN NATIONALITY**—Full quarter. Four hours.

5. **EARLY MODERN EUROPE**—Full quarter. Four hours.

10. **SOCIAL AND INDUSTRIAL HISTORY OF THE UNITED STATES**—Full quarter. Four hours.

27. **CONTEMPORARY WORLD HISTORY**—Either half or full quarter. Two or four hours.

(May be substituted for History 7).

103. **LITERATURE OF AMERICAN HISTORY**—Second half. Two hours.

107. **THE BRITISH EMPIRE**—Either half or full quarter. Two or four hours.

117. TEACHING OF HISTORY IN JUNIOR AND SENIOR HIGH SCHOOLS—
First half. Three hours.

205. MEDIEVAL LIFE AND INSTITUTIONS—Either half or full quarter.
Two or four hours.

208. AMERICAN REVOLUTION—Either half or full quarter. Two or four
hours.

223. RESEARCH IN HISTORY—Full quarter. Three hours. (Taken
in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are
working on their masters' investigations. The director of educational research meets
the group three times each week and confers with individual students in the research
office. Small group conferences are held when needed. Each student meets his thesis
adviser regularly.

224. RESEARCH IN HISTORY—Full quarter. Three hours.

Thesis course for graduate students in their second quarter.

225. RESEARCH IN HISTORY—Full quarter. Three hours.

Thesis course for graduate students in their third quarter.

POLITICAL SCIENCE

2. STATE GOVERNMENT—Full quarter. Four hours.

101. HISTORY OF THE FOREIGN POLICIES OF THE UNITED STATES—Full
quarter. Four hours.

HOME ECONOMICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

HOUSEHOLD SCIENCE

3. COOKERY AND SERVING—Full quarter. Four hours. Fee, \$3.50.

H. Sc. 1 and H. Sc. 2 are prerequisite.

4. CHILDREN'S FOOD PROBLEMS—Full quarter. Four hours.

A course for Primary, Intermediate and Physical Education majors. No pre-re-
quisites. This course is designed to give the teacher a fundamental knowledge of nu-
trition that she may train growing children in desirable food habits.

7. HOUSEHOLD MANAGEMENT—Either half quarter. Lecture course.
Two hours.

Required of all Home Economics majors. Open to any student.

7a. HOUSEHOLD MANAGEMENT—Either half quarter. Two hours.

Practical application of the preceding course. Open to majors who have had
the H. Sc. 1, 2 and 7.

103. DIETETICS—Full quarter. Four hours. Fee, \$3.00.

105. CHILD CARE—Full quarter. Four hours.

Open to any student.

106. HOME CARE OF THE SICK—Full quarter. Four hours. Fee, \$1.00.

108. HOUSING AND SANITATION—First half or full quarter. Two or
four hours.

Problems relating to modern housing and sanitation.

200. SEMINAR IN HOUSEHOLD SCIENCE—Full quarter.

Graduate work may be arranged for in this course, dependent on previous train-
ing, and interests of the student.

223. RESEARCH IN HOME ECONOMICS—Full quarter. Three hours.
(Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are
working on their masters' investigations. The director of educational research meets
the group three times each week and confers with individual students in the research
office. Small group conferences are held when needed. Each student meets his thesis
adviser regularly.

HOUSEHOLD ARTS

3. GARMENT MAKING—Full quarter. Four hours. For non-majors.
 4. MILLINERY—First half or full quarter. Two or four hours.
 Fee, \$2.50.

10. DRESS APPRECIATION—Full quarter. Four hours.

For non-majors: This course aims to give a practical working knowledge of clothing selection which will enable anyone to choose her personal wardrobe wisely. Clothing budgets; clothing economics; care of clothing and clothing hygiene are considered.

108. COSTUME DESIGN—Full quarter. Four hours. Fee 50 cents.

200. SEMINAR IN HOUSEHOLD ARTS—Full quarter.

This work is to be arranged for graduate students who come prepared to take up some specific line of experiment or research.

INDUSTRIAL ARTS

(For detailed description of courses, see the Year Book)
 Candidates for graduation should not take a required course for a half credit.

1. TECHNIC AND THEORY OF WOODWORKING I—Full quarter. Four hours.
 Fee, \$2.00.
2. TECHNIC AND THEORY OF WOODWORKING II—Full quarter. Four hours. Fee, \$2.00.
- 8a. ART METAL—Either half or full quarter. Two or four hours.
 Fee, \$2.00.
9. CLASSIC ARCHITECTURE—Either half or full quarter. One hour.
12. PRINCIPLES OF ARCHITECTURAL DRAWING I—Either half or full quarter. Two or four hours. Fee, \$1.00.
19. WOOD TURNING—Full quarter. Four hours. Fee, \$2.00.
- 31a. ELEMENTARY PRINTING—Either half or full quarter. Two or four hours.
- 31c. ELEMENTARY PRINTING—Either half or full quarter. Two or four hours.
- 32a. INTERMEDIATE PRINTING—Either half or full quarter. Two or four hours.
- 32c. INTERMEDIATE PRINTING—Either half or full quarter. Two or four hours.
- Continuation of Course 32a.
- 41a. ELEMENTARY BOOKBINDING—Either half or full quarter. Two or four hours. Fee, \$1.00.
- 41b. ELEMENTARY BOOKBINDING—Either half or full quarter. Two or four hours. Fee, \$1.00.
- 42a. INTERMEDIATE BOOKBINDING—Either half or full quarter. Two or four hours. Fee, \$1.00.
- 43b. INTERMEDIATE BOOKBINDING—Either half or full quarter. Two or four hours. Fee, \$1.00.
104. PRE-VOCATIONAL EDUCATION—Either half or full quarter. Three hours.
105. ADVANCED ARCHITECTURAL DRAWING—Either half or full quarter. Two or four hours. Fee, \$1.00.
- 133a. ADVANCED PRINTING—Either half or full quarter. Two or four hours.
- 133b. ADVANCED PRINTING—Either half or full quarter. Two or four hours.

143a. ADVANCED ART BINDINGS AND LEATHERCRAFT—Either half or full quarter. Two or four hours. Fee, \$1.00.

143b. ADVANCED LEATHERCRAFT AND COMMERCIAL BINDING—On request. Either half or full quarter. Two or four hours. Fee, \$1.00.

144. SHOP MANAGEMENT IN BOOKBINDING—On request. Four hours. Elective.

145. SECRETARIAL SCIENCE IN SHOP ACCOUNTING—On request. Four hours. Elective.

223. RESEARCH IN INDUSTRIAL ARTS—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

224. RESEARCH IN INDUSTRIAL ARTS—On request. Three hours.

225. RESEARCH IN INDUSTRIAL ARTS—On request. Three hours.

A continuation of Ind. A. 224.

LIBRARY SCIENCE

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

106. CHILDREN'S LITERATURE AND JUVENILE LIBRARY SERVICE—Full quarter. Four hours.

107. ADMINISTRATION AND HISTORY OF LIBRARIES, TRAVELING LIBRARIES, AND COUNTY LIBRARIES—Full quarter. Four hours.

MATHEMATICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

5. COLLEGE ALGEBRA—Either half or full quarter. Two or four hours.

7. PLANE TRIGONOMETRY—Either half or full quarter. Two or four hours.

8. SURVEYING—First half or full quarter. Two or four hours.

9. ANALYTIC GEOMETRY—Either half or full quarter. Two or four hours.

101. DIFFERENTIAL CALCULUS—Either half or full quarter. Two or four hours.

104. THE TEACHING OF ARITHMETIC—Either half or full quarter. Two or four hours.

This course takes up a discussion of the recent tendencies in the teaching of arithmetic. It attempts to give those things which will actually help the teacher in presenting arithmetic in the classroom.

106. DESCRIPTIVE ASTRONOMY—Either half or full quarter. Four hours.

107. JUNIOR HIGH SCHOOL MATHEMATICS—Either half or full quarter. Two or four hours.

The formation of the Junior High School has given rise to a great deal of discussion as to just what sort of mathematics should be taught in the seventh and eighth grades, in particular, and just what methods should be used. This course is given over to a study of these questions from the standpoint of the practical teacher.

110. GEOMETRY FOR TEACHERS—Either half or full quarter. Two or four hours.

223. RESEARCH IN MATHEMATICS—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

MUSIC

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1a. RUDIMENTS AND METHODS—Five periods. Three hours. (Kindergarten and Primary first half—Intermediate second half.)

1b. SIGHT SINGING—Five periods. First half quarter. Three hours.

1c. ADVANCED SIGHT SINGING—Five periods. Second half quarter. Three hours.

Prerequisite Music 1b.

2. TONE THINKING AND MELODY WRITING—Five periods. Second half quarter. Three hours.

Introductory course to beginning harmony.

3. HARMONY—Five periods. Full quarter. Three hours.

Prerequisite Music 2.

4. HARMONY—Five periods. Second half quarter. Three hours.

Continuation of Music 3. Prerequisite, Music 3.

5. HARMONY—Five periods. Full quarter. Three hours.

10. KINDERGARTEN-PRIMARY METHODS—Five periods. First half quarter. Three hours.

Required. Music Majors only. Prerequisites Music 1b, 1c.

11. INTERMEDIATE METHODS—Five periods. Second half quarter. Three hours.

Prerequisites. Music 1b, 1c, 10. Required. Music Majors only.

20. HISTORY OF ANCIENT AND MEDIEVAL MUSIC—Five periods. First half quarter. Three hours.

21. MODERN HISTORY—Five periods. Second half quarter. Three hours.

Prerequisite, Music 20.

22. MUSIC APPRECIATION—Five periods. First half quarter. Three hours.

23. MUSICAL LITERATURE—Five periods. Second half quarter. Three hours.

30. INDIVIDUAL VOCAL LESSONS—One-half period. Full quarter. One hour.

31. INDIVIDUAL PIANO LESSONS—One-half period. Full quarter. One hour.

32. INDIVIDUAL VIOLIN LESSONS—One-half period. Full quarter. One hour.

33. INDIVIDUAL PIPE ORGAN LESSONS—One-half period. Full quarter. One hour.

34. PIANO CLASS LESSONS—Either half quarter. One hour.

35. INDIVIDUAL LESSONS FOR BRASS AND REED INSTRUMENTS—One-half period. Full quarter. One hour.

36. INDIVIDUAL CELLO LESSONS—One-half period. Full quarter. One hour.

38. COLLECTIVE VOICE TRAINING—Either half quarter. One hour.
40. BEGINNING ORCHESTRA—One period. Full quarter. One hour.
43. ADVANCED ORCHESTRA—Full quarter. One hour.
44. ADVANCED BAND—Full quarter. One hour.
45. ORCHESTRAL INSTRUMENTS—Full quarter. One hour.
101. COLLEGE CHORUS—Full quarter. One hour.
104. ADVANCED COUNTERPOINT—Three periods. Full quarter. Three hours.
110. SUPERVISOR'S COURSE—Five periods. Second half quarter. Three hours.
- Prerequisites. Music 1b, 1c, 2, 10, and 11.
111. CONDUCTING (by assignment)—Four periods. Full quarter. Two hours.
114. METHODS IN CONDUCTING—First half quarter. Two hours.
122. APPRECIATION—(For the Concertgoer.)—Second half quarter. One hour.
130. INDIVIDUAL VOCAL LESSONS AND METHODS—One-half period. Full quarter. One hour.
131. INDIVIDUAL PIANO LESSONS AND METHODS—One-half period. Full quarter. One hour.
132. INDIVIDUAL VIOLIN LESSONS AND METHODS—One-half period. Full quarter. One hour.
133. INDIVIDUAL PIPE ORGAN LESSONS AND METHODS—One-half period. Full quarter. One hour.
134. INDIVIDUAL CELLO LESSONS AND METHODS—Every quarter. One hour. Fee \$24.00.
223. RESEARCH IN MUSIC—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

PHYSICAL EDUCATION AND ATHLETICS FOR WOMEN

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

The courses offered during the summer are for those students majoring in this department. However, we offer a few general courses for those who wish an activity class during this quarter.

Students majoring in this department should look at the courses offered in the Health Education Department, which meet the Physical Education requirements.

A fee will be charged for the swimming classes and for all towels issued by the school.

A deposit will be charged for all locker keys.

1. COURSES OFFERED TO THE GENERAL STUDENTS

1. CLOG AND ATHLETIC DANCING—Three periods. Either half quarter. One-half hour.
2. NATURAL DANCING—Three periods. Either half quarter. One-half hour.

4. SINGING GAMES--Three periods. Either half quarter. One-half hour.
5. FOLK DANCING—Three periods. Either half quarter. One-half hour.
6. FOLK DANCING, ADVANCED—Three periods. Either half quarter. One-half hour. Prerequisite P. E. 5 or its equivalent.
7. NATIONAL AND CHARACTERISTIC DANCING—Three periods. Either half quarter. One-half hour.
12. PLAYS AND GAMES—Three periods. Either half quarter. One-half hour.
13. TENNIS—Three periods. Either half quarter. One-half hour.
26. BEGINNING SWIMMING—Four periods. Either half quarter. One hour.
27. INTERMEDIATE SWIMMING—Four periods. Either half quarter. One hour.

2. COURSES PRIMARILY FOR THE STUDENT MAJORING IN PHYSICAL EDUCATION

31. DANISH GYMNASTICS AND TUMBLING—Four periods. All quarter. Two hours.
101. CLOG AND ATHLETIC DANCING—Four periods. All quarter. Two hours.
103. NATURAL DANCING—Four periods. All quarter. Two hours.
107. NATIONAL AND CHARACTERISTIC DANCING—Four periods. All quarter. Two hours.
113. WOMEN'S ATHLETIC GAMES—Four periods. All quarter. Two hours.
128. ADVANCED SWIMMING FOR MAJORS—Five periods. Three hours. First half quarter.
129. RED CROSS LIFE SAVING—Four periods. Second half quarter.
134. HISTORY OF PHYSICAL EDUCATION—Four periods. First half quarter. Two hours.
135. ADMINISTRATION OF PHYSICAL EDUCATION—Four periods. Second half quarter. Two hours.
136. SUPERVISION OF PHYSICAL EDUCATION—Five hours. Every quarter.
137. MATERIALS AND METHODS IN PHYSICAL EDUCATION—Daily. First half quarter. Three hours.

PHYSICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. CONTENT OF HIGH SCHOOL PHYSICS, MECHANICS, HEAT AND SOUND—Full quarter. Four hours. Fee \$3.00.
2. CONTENT OF HIGH SCHOOL PHYSICS, ELECTRICITY AND LIGHT—Full quarter. Four hours. Fee \$3.00.
11. GENERAL COLLEGE PHYSICS, MECHANICS—Full quarter. Three or four hours. Fee \$2.00 or \$3.00.
103. THEORY OF RADIO—Full quarter. Three or four hours. Fee \$2.00 or \$3.00.
111. PHYSICS OF THE AUTOMOBILE—Either half or full quarter. Two or four hours.

14. THE USE OF VISUAL APPARATUS IN THE CLASSROOM—Full quarter. Three hours. Fee \$2.00.

223. RESEARCH IN PHYSICS—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

SOCIOLOGY, ANTHROPOLOGY, AND ECONOMICS

(For detailed description of courses, see the Year Book)

Candidates for graduation should not take a required course for a half credit.

1. AN INTRODUCTION TO THE SOCIAL SCIENCES—Either half or full quarter. Two or four hours.

3. EDUCATIONAL SOCIOLOGY—First half quarter. Three hours.

92. THE FAMILY—Full quarter. Three hours.

101. THE ORIGIN AND ANTIQUITY OF MAN—Either half or full quarter. Two or four hours.

105. THE PRINCIPLES OF SOCIOLOGY—Full quarter. Four hours.
Required of third year students.

110. PRINCIPLES OF ECONOMICS—Full quarter. Four hours.

122. COMPARATIVE RELIGIONS—First half or full quarter. Two or four hours.

This course comprises a study of the world's great religions.

151. RACES AND RACE PROBLEMS—Either half or full quarter. Two or four hours.

This course will be based primarily on the studies and experiences of the instructor, Dr. I. W. Howerth, on his recent trip around the world, during which he came into intimate contact with all the leading races of mankind.

205. THE SOCIAL THEORY OF EDUCATION—Full quarter. Four hours. Doctrines of Education based upon Organic Psychic and Social Evolution. Text, Dr. Howerth's Theory of Education.

209. SEMINAR—Either half or full quarter. Two or four hours.

223. RESEARCH IN SOCIOLOGY—Full quarter. Three hours. (Taken in the first quarter of graduate work.)

This is a required seminar and conference course for graduate students who are working on their masters' investigations. The director of educational research meets the group three times each week and confers with individual students in the research office. Small group conferences are held when needed. Each student meets his thesis adviser regularly.

INSTRUCTIONS CONCERNING REGISTRATION

Note—Take this copy of the CATALOG with you when you register.

1. TIME AND PLACE FOR REGISTRATION—All registration takes place in Gunter Hall from 7:00 to 12:00 and from 1:00 to 4:00, Saturday, June 16.

2. ORDER OF REGISTRATION—Read page 2.

(a) Fill out the personal data card with pen and present it for registration material.

(b) Fill out the temporary enrollment card with pen and have it signed by your faculty adviser. The latter card will admit you to class until you have registered permanently. It must be signed by each of your teachers before permanent registration.

The temporary card must be exchanged for permanent cards at the registrar's office. This exchange must be completed by 5:00 P. M. of the last day for permanent registration, June 28. Permanent cards, approved by the registrar, and marked "audited" by the Treasurer, must be presented to your teachers not later than the date thus arranged. All students who have not complied with the provision on or before this date will be dropped from class. However, DO NOT ATTEMPT THIS EXCHANGE UNTIL YOU AND YOUR TEACHERS ARE COMPLETELY SATISFIED WITH YOUR SCHEDULE. Be sure to get a copy of further instructions to be given out on registration day.

3. STUDENT PROGRAM SIXTEEN HOURS—The normal program of a student is sixteen hours. Students whose outside work takes up a considerable part of their time should enroll for twelve to fifteen hours. Any student may make up a program of fifteen, sixteen, or seventeen hours; but if seventeen hours are taken in one quarter, fifteen must be taken at a later quarter, so that any three consecutive quarters *dating from the first quarter in residence* may not average more than sixteen hours. Those wishing to take seventeen or eighteen hours regularly must take the Classification Test, given at 1:30 P. M. on registration day, Little Theater, Administration Building, unless a permit has been previously issued by the registrar. No schedules will be approved for more than eighteen hours under any condition.

4. **LATE REGISTRATION**—A fee of \$1.00 is charged for registration after 4:00 P. M. the regular day, June 16. This fee is also exacted of students who register after the final date for permanent registration. Students more than two days late will have their programs cut in proportion to the time they miss from recitations.
5. **PHYSICAL EXAMINATIONS**—An annual health examination is required for each student. Unclassified students are NOT exempt from this requirement.
6. **ENGLISH 0 and 4** are required of all candidates for graduation, no matter what English courses they may have had elsewhere in high school or college, unless they are excused from taking English 0 or both after passing the English Exemption Test. This test is given at the opening of each quarter, time and place to be announced. Students who have been formally graduated from any accredited normal school or teachers college are exempt from all junior college core subjects, including English 0 and 4.
7. Students who have been admitted to the College before October 1, 1923, should determine to their satisfaction that such admission is in accordance with regulations which have been in effect since that date. Students should determine also if they are affected by the new requirements for graduation which went into effect September 1, 1924. See pages 18, 19, 20. "Admission, certification, and graduation."
8. **HALF QUARTER COURSES**—Credit is not given for a full quarter course carried for only a half quarter. Tentative conditional credit may be given by special arrangement with the teacher of the course and the registrar.
9. Candidates for graduation should NOT take a required course for half credit.

FEES

Incidental fee, paid by all, \$32.00 per quarter; \$16.00 for the half quarter. Additional to non-residents of Colorado, \$5.00 for the full quarter; \$2.50 for the half quarter.

Library fee, paid by all, \$2.00.

Fees for less than a full program of sixteen hours:

1-2 quarter hours	\$ 5.00
3 quarter hours	7.50
4 quarter hours	10.00
5, 6, 7, 8 quarter hours	16.00
9 quarter hours (if taken during one half)	16.00
9 quarter hours (if taken during whole quarter)	20.00
10-11 quarter hours	25.00
12, 13, 14, 15, 16 quarter hours	32.00

Non-resident fee to be added to above.

Library Fee to be added to above, \$2.00.

Fees for Laboratory and Materials

<i>Art</i>	
Art 1, 2, 7	\$0.50
Art 13, 14	* 1.50
Art 103, 115	2.00

*Fees are one-half the figures when courses are taken for half quarter.

Biology

Bacteriology 100	\$1.50
Biology 1, 225	1.00
Biology 224	3.00
Botany 2, 101, 225	1.00
Botany 224	3.00
Elementary Science 1, 3	1.00
General Science 1	1.50
Zoology 1, 3, 225	1.00
Zoology 224	3.00

Chemistry

Chemistry, per quarter hour

\$1.00

Commercial

Commercial Ed. 11, 13

\$1.00

Home Economics

H. A. 4	\$2.50
H. A. 5, 108	.50
H. Sc. 103	3.00
H. Sc. 3	3.50
H. Sc. 105, 106	1.00

Industrial Arts

Ind. Art. 2, 8a, 19	*\$2.00
Ind. Art. 12, 105	1.00
Bookbinding, all courses	1.00

Nursing Education

Nursing Ed. 100, 101	\$3.50
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Physics

Phys. 114	\$2.50
Phys. 1, 2	3.00
Phys. 11, 103	\$2.00 or 3.00

Physical Education

P. E. 1, 2, 4, 5, 6, 7, 12, 101, 103, 107	\$0.25
P. E. 26, 27, 128 (per half quarter)	2.00

*Fees are one-half the figures when courses are taken for half quarter.

Music

Music 30, 31, 32, 33, 34, 35, 36, 130, 131, 132, 133, and 134, individual lessons. Fees paid before taking lessons. For fees see Mr. Cline, Director of the Conservatory.

SCHEDULE OF CLASSES
(Summer Quarter 1928)

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
I. 7:00 to 7:50						
Art 2	Fine Arts Methods for Primary	WThF	Full Quarter	4	Emery	G-200
Art 5	Water Color Painting	TWThF	Full Quarter	4	Ellinger	G-203
Art 14	Industrial Art Methods for Intermed.					
	Grades and Junior High School					
Art 105	Water Color Painting	MTWTh	Full Quarter	4	Moore	G-204
Biol. 1	Educational Biology (Lab. by appt.)	TWThF	Full Quarter	4	Ellinger	G-203
Bot. 2	General Botany (Lab. 2-5 Wed.)	MTWTh	Full Quarter	3	Daggett	301
Chem. 108	Organic Chemistry (Lab. by appt.)	MTWTh	Full Quarter	4	Jean	304
Chem. 110	Organic Chemistry (Lab. by appt.)	MW	Full Quarter	3	Bowers	300
Com. Ed. 36	Handwriting Methods (Zaner)	MW	Full Quarter	4	Bowers	300
Com. Ed. 37	Business Mathematics (double period)	TWThF	First Half	1	Bedinger	214
Com. Ed. 224	Research in Commercial Education	TWThF	Second Half	4	Bedinger	214
Ed. 1	Introduction to Education	MTWTh	Full Quarter	4	Colvin	211
*Ed. 3c	Literature & Theory of Games	TWTh	Full Quarter	4	Hunt	
*Ed. 4a	Intermediate Methods (Read., Lang., Spell.)	TWF	Bi. Half or Full Qr.	1½ or 3	Rosenquist	
Ed. 21	Rural School Problems	MTWTh	Bi. Half or Full Qr.	2 or 4	Luzmoor	
*Ed. 52	Kindergarten Materials	Daily	First Half	3		
Ed. 105	Practical Projects—Prim. Grades	MWTh	Bi. Half or Full Qr.	1½ or 3	Harrison	
Ed. 110b	Citizenship Educ. Intermed. Grades	MTThF	Bi. Half or Full Qr.	2 or 4	Preston	
Ed. 117	Problems of School Discipline	MTThF	First Half	2	Lehr	
Ed. 133	History of Education	MTWTh	First Half	2	Hunt	
Ed. 134	History of Education in U. S.	Daily	Second Half	3	Sattgast	
Ed. 140	Guidance Problems for Deans of Girls	Daily	First Half	2	Morrison	
Ed. 148	Problems of Ind. Instruction	MTWTh	First Half	3	Sweet	
Ed. 151	Pre-School	MTWTh	First Half	2	Sattgast	
Ed. 210	Problems of the School Curriculum	Daily	First Half	2	Denney	
				3	Rugg	

*Required Full Quarter for majors in Education Department

COLORADO STATE TEACHERS COLLEGE

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Ed. 224	Research—Thesis Course—2nd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Mahan	
Ed. 225	Research—Thesis Course—3rd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Mahan	
El. Sci. 1	Elementary Nature Study (Field trips arranged) (Second recitation at 9:00 compulsory)	TWThF	First Half	4	Selberg	L-13
Eng. 0	Fundamentals in English	Daily	First Half	0	Carney	
Eng. 4	Speaking and Writing	Daily	Second Half	3	Carney	
Eng. 8	A Survey of English Lit. 670-1625	MTThF	Full Quarter	4	Hawes	100
Eng. 106	English and Lit. in the H. S.	MWF	Full Quarter	3	Pooley	
Eng. 121	Early Nineteenth Century Poetry	MTThF	1st half or Full Qr.	2 or 4	Ransom	202
Geog. 12	Methods in Intermediate Geography	MTThF	Full Quarter	4	McClintock	101
Hist. 1	Foundations of American Nationality	TWThF	Full Quarter	4	Peake	
Hist. 208	American Revolution	MTWTh	Ei. Half or Full Qr.	2 or 4	Dickerson	104
Hist. 224	Research in History	F	Full Quarter	3	Dickerson	104
Hist. 225	Research in History	F	Full Quarter	3	Dickerson	104
H. A. 3	Garment Making (double period)	MTThF	Full Quarter	4	Henry	HE-304
H. Sc. 7	Household Management	MTWTh	Either Half	4	Newburn	HE-305
Ind. A. 1	Tech. & Theory of Woodworking (double period)	MTWTh	Full Quarter	4	Foulk	G-1
Ind. A. 8a	Art Metal (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Ind. A. 31a	Elementary Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. A. 31c	Elementary Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. A. 41a	Elementary Bookbinding (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Ind. A. 42a	Intermediate Bookbinding (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Math. 5	College Algebra	MTThF	Ei. Half or Full Qr.	2 or 4	Mallory	
Math. 106	Descriptive Astronomy	MTThF	Either Half	2 or 4	Finley	210
Mus. 1a	Rudiments & Methods for Kind. and Prim. Majors	Daily	First Half	3	Mohr	T-16
Mus. 110	Supervisor's Course	Daily	Second Half	3	Mohr	T-16
Psych. 2a	Educational Psychology	Daily	Either Half	3	Wait	T-13
Psych. 212	Statistical Methods	MTWTh	Full Quarter	4	Heilman	T-12

COLORADO STATE TEACHERS COLLEGE

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Soc. 1	Introduction to the Social Sciences	MTWTh	Ei. Half or Full Qr.	2 or 4	Howarth	208
Zool. 3	Bird Study (Field trips arranged)	Daily		3	{ Harrah 1st half Shirling 2nd half	303
II. 8:00 to 8:50						
Art 2	Fine Art Methods for Primary	MTThF	Full Quarter	4	Low	G-200
Art 3	Freehand Drawing I	MTThF	Full Quarter	4	Moore	G-203
Art 14	Industrial Arts Methods for Int. & Jr. H. S.	MTWTh	Full Quarter	4	Ellinger	G-204
Art 103	Art Structure III	TWThF	Ei. Half or Full Qr.	2 or 4	Ellinger	G-204
Art 104	Color Theory and Composition	TWThF	Ei. Half or Full Qr.	2 or 4	Ellinger	G-202
Ath. 52	Mat Work and Elementary Tumbling	MTWTh	Ei. Half or Full Qr.	.1 or 2	Von den Steinen	
Ath. 169	Baseball Coaching	Daily	First Half	2	Brown	Gunter Hall
Bact. 100	General Bacteriology (Lab. 2.5 Tue.)	TWThF	Full Quarter	4	Selberg	Field
Biol. 1	Educational Biology (2 hrs. Lab. by appt.)	MTThF	Full Quarter	3	Harrah	303
Bot. 101	Systematic Botany (Lab. and field trips Tues. 2-5)	MTWTh	Full Quarter	4	Jean	304
Chem. 112	Food Chemistry (Lab. by appt.)	MW	Full Quarter	3	Bowers	300
Chem. 113	Food Chemistry (Lab. by appt.)	MW	Full Quarter	4	Bowers	300
Com. Ed. 13	Principles of Typewriting III	TWTh	First Half or Full	1½ or 3	Knies	213
Com. Ed. 14	Methods of Teaching Typewriting	F	Full Quarter	1	Knies	213
Com. Ed. 36	Handwriting Methods (Palmer)	TWThF	First Half	1	Bedinger	214
Com. Ed. 213	Commercial Education. Curricula	TW	Full Quarter	2	Colvin	211
Ed. 1	Introduction to Education	MTWTh	Full Quarter	4	Hunt	
*Ed. 3a	Primary Methods (Read., Lang., Spell.)	MTWTh	Ei. Half or Full Qr.	1½ or 3	Turner	
*Ed. 4a	Intermediate Methods (Read., Lang., Spell.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Van Meter	
*Ed. 4b	Intermediate Methods (Arith., Soc. Sci., Health)	MTWTh	Ei. Half or Full Qr.	2 or 4	McCowen	
Ed. 5	Principles of Teaching	Daily	Second Half	3	Mahan	
Ed. 21	Rural School Problems	Daily	Second Half	3	Ogle	
Ed. 110	Extra-Curricular Activities	MTWTh	First Half	2	Hamilton	
Ed. 114	Primary Supervision	TWThF	Ei. Half or Full Qr.	2 or 4	Rosenquist	
Ed. 116	Org. and Admin. of the Sen. H. S.	MTWTh	Full Quarter	4	Prunty	

*Required Full Quarter for majors in Education Department

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Ed. 123	Senior Col. Research Course	MTWTh	Ei. Half or Full Qr.	2 or 4	Rugg	
Ed. 125	Rural Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Hargrove	
Ed. 224	Research—Thesis Course—2nd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg-Cornell-Armentrout	
Ed. 225	Research—Thesis Course—3rd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Cornell-Rugg	
Ed. 259	Problems of Elem. Education	MTWTh	Ei. Half or Full Qr.	2 or 4	McKee	
El. Sci. 1	Elementary Nature Study (Field trips arranged) (Second recitation at 10:00 compulsory)	MTWThF	Second Half	4	Arvidson	L-13
Eng. 0	Fundamentals in English	MTThF	Full Quarter	0	Armentrout	202
Eng. 1	Materials and Methods in Reading	MTThF	Full Quarter	4	Tobey	100
Eng. 4	Speaking and Writing	MTThF	Full Quarter	3	Hawes	
Eng. 12	Oral Expression	MTThF	First Half	3	Blackburn	
Eng. 14	Dramatic Art	Daily	Second Half	3	Blackburn	
Eng. 20	Advanced English Composition	MTThF	Full Quarter	4	Ransom	
Fr. 1, 2, 3	Elementary French (Second Recitation at 11:00 compulsory)	Daily	Full Quarter	12	Manchester	205
Geog. 7	Business Geography	MTWTh	Ei. Half or Full Qr.	2 or 4	Barker	101
H. Ed. 2	Anatomy (Lab. TTh. 2 to 4)	MW	Full Quarter	4	Long	Gunter 205
Hist. 27	Contemporary World History	MTWTh	Ei. Half or Full Qr.	2 or 4	Noyes	104
H. Sc. 105	Child Care	MTThF	Full Quarter	4	Pickett	HE-207
H. Sc. 108	Housing and Sanitation	MTWTh	1st half or Full Qr.	2 or 4	Roudebush	HE-301
Ind. A. 9	Classic Architecture	Th	Full Quarter	1	Hadden	G-105
Ind. A. 104	Pre-Vocational Education	MTW	Ei. Half or Full Qr.	3	Hadden	G-105
Math. 104	Teaching Arithmetic	MTThF	Ei. Half or Full Qr.	2 or 4	Finley	
Math. 107	Teach. Jr. High Math.	MTThF	Ei. Half or Full Qr.	2 or 4	Charlesworth	210
Mus. 2	Tone Thinking & Melody Writing	Daily	Second Half	3	Mallory	Con-6
Mus. 40	Beginning Orchestra	TTh	Full Quarter	1	Opp	Con-14
Mus. 45	Orchestral Instruments	MW	Full Quarter	1	Thomas	Con-14
P. E. 13	Tennis	MTTh	Either Half	1/2	Cave	Courts
P. E. 107	National & Characteristic Dancing	TWThF	Full Quarter	2	Thomas	Gunter 202
P. E. 135	Admin. of Physical Ed.	MTWTh	Second Half	2	Cave	Gunter 114

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Room
Phys. 1	Content & Method of H. S. Physics (Lab. 8:00-9:50 W.)	MTF	Full Quarter	4	Valentine	HE-106
Pol. Sc. 101	History of the Foreign Policies of the U. S.	MTWTh	Full Quarter	4	Dickerson	104
Psych. 2b	Educational Psychology	Daily	Either Half	3	Hertzberg	T-1
Psych. 112	Psychology of Music	MTWTh	Full Quarter	4	Heilman	T-12
Psych. 103	Psychology of Adolescence	MTWTh	First Half	2	Sweet	
Soc. 3	Educational Sociology	Daily	First Half	3	Binnewies	
Soc. 101	Origin and Antiquity of Man	MTWTh	Ei. Half or Full Qr.	2 or 4	Howerth	208
Span. 1, 2, 3	Elementary Spanish (Second recitation at 11:00 compulsory)	Daily	Full Quarter	12	Davis	205
III. 9:00 to 9:50						
Art 1	Fine Art Methods for Intermediate	MTThF	Full Quarter	4	Lowe	G-204
Art 13	Industrial Art Methods for Primary	MTThF	Full Quarter	4		G-200
Art 16	Freehand Drawing II	TWThF	Ei. Half or Full Qr.	2 or 4	Emery	G-203
Art 116	Advanced Freehand Drawing	TWThF	Ei. Half or Full Qr.	2 or 4	Emery	
Ath. 70	Swimming	Daily	Ei. Half or Full Qr.	1 or 2	Doubenmier	Pool
Ath. 166	Basketball Coaching	Daily	First Half	2	Brown	Gunter Hall
Biol. 1	Educational Biology (2 hrs. Lab. by appt.)	MTThF	Full Quarter	3	Harrah	301
Biot. 101	Genetics and Eugenics	MTWTh	Full Quarter	4	Jean	
Chem. 7	Qualitative Analysis (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bowers	302
Chem. 114b	Quantitative Analysis (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	4	Bowers	302
Com. Ed. 4	Methods of Teaching Shorthand	MTWTh	Full Quarter	1	Jones	212
Com. Ed. 11	Principles of Typewriting I	M	Full Quarter	1	Jones	212
Com. Ed. 42	Advertising (double period)	TWThF	Full Quarter	2	Knies	213
Com. Ed. 50	Principles of Accounting I (double period)	TWThF	Second Half	4	Bedinger	211
Com. Ed. 106	Secretarial Science I	MTWTh	First Half	4	Colvin	214
Com. Ed. 159	Auditing (double period)	TWTh	Full Quarter	3	Jones	212
Ed. 1	Introduction to Education	MTWTh	Second Half	4	Colvin	214
Ed. 2a	Pre-Teach. Obs. Elem. or Secondary School	TW	Full Quarter	4	Buster	
*Ed. 3b	Primary Methods (Arith., Soc. Sci., Health)	TW	Full Quarter	1		
Ed. 10	Introduc. to Curriculum Making	TWF	Ei. Half or Full Qr.	1½ or 3	Rosenquist	
Ed. 24	The Rural Community	MTWTh	Full Quarter	3	Mahan	
		MTWTh	Second Half	2	Ogle	

*Required Full Quarter for majors in Education Department

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Ed. 28	School and Home Garden	MTWTh	First Half	2	Hargrove	
Ed. 108	Education Supervision	MTWTh	Ei. Half or Full Qr.	2 or 4	McKee	
Ed. 113	Org. and Admin. of the Jr. H. S.	MTWTh	Full Quarter	4	{ Hamilton Stutsman Risley Brown }	
Ed. 115	Org. and Admin. of the Elem. School	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Brown Hargrove Cornell }	
Ed. 127	Special Rural School Methods	MTWTh	Second Half	2	Frasier	
Ed. 142	School Administration	MTWTh	Ei. Half or Full Qr.	2 or 4	{ Cross Rugg Morrison Carson }	
Ed. 190	Admin. Problems in Teachers Colleges	MTWTh	First Half	2	{ Rugg Morrison Carson }	
Ed. 192	Training School Problems	MTWTh	Second Half	2	Armentrout	
Ed. 211	Conceptions of Mind in Edu. Theory	MTWTh	First Half	2	Armentrout	
Ed. 214	Prob. of the Jr. H. S.	MTWTh	Ei. Half or Full Qr.	2 or 4	Prumty	
Ed. 224	Research—Thesis Course—2nd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg	
Ed. 225	Research—Thesis Course—3rd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg	
El. Sci. 1	Elementary Nature Study (First recitation at 7:00 compulsory)	TWThF	First Half	4	Selberg	L-13
El. Sci. 1	Elementary Nature Study (field trips arranged)	Daily	Second Half	3	Shirling	L-13
Eng. 0	Fundamentals in English	Daily	First Half	0	Carney	
Eng. 4	Speaking and Writing	Daily	Second Half	3	Carney	
Eng. 31	The Short Story	MTThF	Full Quarter	4	Hawes	100
Eng. 101	Journalism	MWTh	Full Quarter	3	Shaw	
Eng. 105	Oral English in the High School	MTThF	First Half	2	McLane	
Eng. 134	Modern Plays	MTThF	Full Quarter	4	Tobey	202
Geog. 15	Meth. and Materials in Jr. H. S. Geography	MTWTh	Full Quarter	4	McCain	L-Thea.
Geog. 162	Geography of the Tropics	MTWTh	Ei. Half or Full Qr.	2 or 4	Barker	101
H. Ed. 1	Ind. and Soc. Hygiene (Men)	Daily	Either Half	3	Von den Gunter	Steinen 205

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
H. Ed. 1a	Ind. and Soc. Hygiene (Women)	Daily	Either Half	3	Bryson	Gunter 201
Hist. 2	Development of American Nationality	TWThF	Full Quarter	4	Peake	L-1
Hist. 205	Medieval Life and Institutions	MTWTh	Ei. Half or Full Qr.	2 or 4	Noyes	104
H. Sc. 103	Dietetics (double period)	MTThF	Full Quarter	4	Pickett	HE-207
H. Sc. 106	Home Care of the Sick	MTThF	Full Quarter	4	Pickett	HE-304
Ind. A. 2	Technic & Theory of Woodworking (double period)	MTWTh	Full Quarter	4	Fouk	G-1
Ind. A. 32a	Intermediate Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. A. 32c	Intermediate Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. A. 43b	Intermediate Bookbinding	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Ind. A. 143a	Advanced Art Binding & Leather Craft (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Lib. Sci. 107	Administration and History of Libraries	MTThF	Full Quarter	4	Carter	L-6
Math. 7	Trigonometry	MTThF	Ei. Half or Full Qr.	2 or 4	Finley-Mallory	210
Math. 101	Differential Calculus	MTThF	Ei. Half or Full Qr.	2 or 4	Charlesworth	
Mus. 5	Harmony	MWF	Full Quarter	3	Thomas	Con-6
Mus. 22	Music Appreciation	Daily	First Half	3	Opp	Con-14
Mus. 23	Music Literature	Daily	Second Half	3	Opp	Con-6
Nurse, Ed. 100	Teaching of Nursing Prin. & Meth.	Daily	First Half	3	Gray	Gunter Hall
P. E. 5	Folk Dancing (Beginning)	TThF	Either Half	½	Thomas	Gunter 107
P. E. 13	Tennis	MWF	Either Half	½	Springer	Courts
P. E. 31	Danish Gymnastics for Majors	MTWTh	Full Quarter	2	Cave	Gunter 107
Phys. 2	Content and Method of H. S. Physics Electric (Lab. 8:00-9:50 Th.)	MTF	Full Quarter	4	Valentine	HE-106
Psych. 104	Psychology of Elem. School Subjects	MTWTh	Ei. Half or Full Qr.	2 or 4	Heilman	T-13
Psych. 108b	Educational Tests & Measurements	MTWTh	Ei. Half or Full Qr.	2 or 4	Hertzberg	T-12
Psych. 222	Experimental Technic and its Application	Arrange	Full Quarter	2 or 4	Whitney	
Soc. 110	Principles of Economics	MTWTh	Full Quarter	4	Binnewies	207
Soc. 205	The Social Theory of Education	MTWTh	Full Quarter	4	Howarth	208
Span. 105	Advanced Spanish	MTWTh	Full Quarter	4	Davis	205

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
IV. 10:00 to 10:50						
Art 2	Fine Arts Methods for Primary Design	TWThF	Full Quarter	4	Emery	G-200
Art 4b	Household Art Design	TWThF	Ei. Half or Full Qr.	2 or 4	Ellinger	G-204
Art 12	Supervision of Fine Arts Education	MTThF	Ei. Half or Full Qr.	2 or 4	Henry	HE.
Art 100	Drawing from the Figure	TTh	Full Quarter	2	Moore	G-202
Art 101	Drawing from the Figure	MTThF	Ei. Half or Full Qr.	2 or 4		G-203
Ath. 55	Wrestling, Boxing, Fencing and other activities	MTWTh	Ei. Half or Full Qr.	1 or 2	Von den Steinen	Gunter Hall
Ath. 165	Football Coaching	Daily	First Half	2	Marsh	Field
Biol. 1	Educational Biology (2 hrs. Lab. by appt.)	MTWTh	Full Quarter	3	Sweet	301
Biol. 106	Biological Foundations of Education	MTWTh	First Half	2	Bowers	300
Chem. 1	General Chemistry (Lab. by appt.)	MW	Full Quarter	4	Bowers	300
Chem. 4	General Chemistry (Lab. by appt.)	MTWTh	Full Quarter	2 or 4	Jones	212
Com. Ed. 3	Secretarial Practice 1	Daily	Ei. Half or Full Qr.	2 or 4	Mahan	
Ed. 5	Principles of Teaching	MTWTh	First Half	3	Hargrove	
Ed. 20	Agricultural Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Stutsman	
Ed. 101	Prin. of Teach. in the H. S.	MTWTh	Full Quarter	4	Dobson	
Ed. 107	Methods of Improving Reading	TWThF	Ei. Half or Full Qr.	2 or 4	Hamilton	
Ed. 110a	Citizenship Educ. in Jr. H. S.	MTWTh	First Half	2	Cornell	
Ed. 143	Educ. Admin. (2nd Course in Admin.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Shaw-Risley	
Ed. 144	School Publicity	MTWTh	First Half	2	Prunty	
Ed. 216	Problems of Sec. Education	MTWTh	Ei. Half or Full Qr.	2 or 4		
Ed. 224	Research—Thesis Course—2nd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg-McKee	
Ed. 225	Research—Thesis Course—3rd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg-McKee	
El. Sci. 1	Elementary Nature Study (First recitation at 8:00 compulsory)	TWThF	Second Half	4	Arvidson	
Eng. 4	Speaking and Writing	MTThF	Full Quarter	3	Armentrout	
Eng. 11	The English Language for Teachers	MTThF	Full Quarter	4		
Eng. 13	Story Telling	Daily	Either Half	3	Blackburn	202
Eng. 127	Shakespeare's Comedies	MTThF	1st Half or Full Qr.	2 or 4	Ransom	

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Eng. 224	Research in English	By appt.	Full Quarter	3	{ Cross and Others	100a
Eng. 225	Research in English	By appt.	Full Quarter	3	{ Cross and Others	100a
For. Lang. 131	Teaching of Mod. Languages	MTWTh	Full Quarter	4	Manchester	205
Gen. Sci. 1	General Science (Lab. 2-4 Wed.)	TWThF	Full Quarter	4	Selberg	L-13
Geog. 122	Biogeography	MTWTh	Full Quarter	4	Barker	101
H. Ed. 12	Child Health	MTWTh	Full Quarter	4	Long	Gunter 205
Hist. 5	Early Modern Europe	TWThF	Full Quarter	4	Peake	L-1
Hist. 103	Literature of American History	MTWTh	Second Half	2	Dickerson	104
Hist. 117	Teaching of History and Civics in Junior and Senior High Schools	Daily	First Half	3	Dickerson	104
H. A. 108	Costume Design	TWThF	Full Quarter	4	Roudebush	HE-301
H. Sc. 4	Children's Food Problems and School Lunches	MTWTh	Full Quarter	4	Newburn	HE-305
Ind. A. 12	Prin. of Arch. Drawing (2 or 4 hr. Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Lib. Sci. 106	Children's Literature and Juvenile Library Service	MTThF	Full Quarter	4	Carter	L-6
Math. 107	Teach. Jr. H. Math.	MTThF	Ei. Half or Full Qr.	2 or 4	Mallory	
Math. 110	Geometry for Teachers	MTThF	Ei. Half or Full Qr.	2 or 4	Charlesworth	
Mus. 104	Advanced Counterpoint	MWF	Full Quarter	3	Thomas	Con-6
Mus. 114	Methods in Conducting	MTWTh	First Half	2	Cline	Con-14
P. E. 1	Clog and Athletic Dancing	MTTh	Either Half	1/2	Cave	Gunter 202
P. E. 2	Natural Dancing (Beginning)	MWF	Either Half	1/2	Springer	Gunter 202
P. E. 13	Tennis	TThF	Either Half	1/2	Thomas	Courts
P. E. 128	Adv. Swimming for Majors	Daily	First Half	3	Doubenmier	Pool
P. E. 129	Red Cross Life Saving	MTWTh	Second Half	2	Doubenmier	Pool
Phys. 103	Theory of Radio Reception (Lab. 9:00-10:50)	MTWTh	Full Quarter	3 or 4	Valentine	HE-106
Psych. 105a	Psychology of Sr. H. S. Subjects	MTWTh	Ei. Half or Full Qr.	2 or 4	Wait	T-12
Psych. 107	Mental Tests	MTWTh	Full Quarter	4	Hertzberg	T-13
Soc. 151	Races and Race Problems	MTWTh	Ei. Half or Full Qr.	2 or 4	Howarth	208

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Room
V. 11:00 to 11:50						
Art 4a	Art Structure II	MWF	Full Quarter	3	Henry	G-204
Art 6	Art Appreciation	MT	First Half	1	Emery	G-200
Art 9	History of Art	WThF	Full Quarter	3	Emery	G-200
Art 17	Lettering and Poster Composition	TTh	Full Quarter	2	Moore	G-204
Art 106	Advanced Art Appreciation.	MT	Second Half	1	Emery	G-200
Art 109	Advanced History of Art	MTF	Full Quarter	3	Emery	G-200
Art 120	Oil Painting	TWThF	Ei. Half or Full Qr.	2 or 4	Ellinger	G-203
Art 168	Track Coaching	Daily	First Half	2	Marsh	Field
Com. Ed. 1	Principles of Shorthand I (double period)	MTWTh	First Half	4	Jones	212
Com. Ed. 2	Principles of Shorthand II (double period)	MTWTh	Second Half	4	Jones	212
Com. Ed. 36	Handwriting Methods (Palmer)	TWThF	First Half	1	Bedinger	214
Com. Ed. 36	Handwriting Methods (Zaner)	TWThF	Second Half	1	Bedinger	214
Com. Ed. 110	Office Appliances	TWThF	Full Quarter	4	Knies	215
Com. Ed. 158	Problems in Commercial Education	MTWTh	Full Quarter	4	Colvin	215
Ed. 1	Introduction to Education	MTWTh	Full Quarter	4	Buster	211
*Ed. 3b	Primary Methods (Arith., Soc. Sci., Health)	TWThF	Ei. Half or Full Qr.	1½ or 3	Rosenquist	
*Ed. 4b	Intermediate Methods (Arith., Soc. Sci., Health)	TThF	Ei. Half or Full Qr.	1½ or 3	Rosenquist	
Ed. 15	Educational Guidance	MTWTh	Ei. Half or Full Qr.	2 or 4	McCowen	
Ed. 23	Rural School Management & Meth.	MTTh	Ei. Half or Full Qr.	1½ or 3	Mahan	
Ed. 111	Philosophy of Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Hargrove	
Ed. 129	Current Educ. Thought	MTWTh	Full Quarter	4	Armentrout	
Ed. 147	Educational Surveys	MTWTh	Full Quarter	4	Brown	
Ed. 224	Research—Thesis Course—2nd Qr. Grad. Students in Education	MTWTh	First Half	2	Risley	
Ed. 225	Research—Thesis Course—3rd Qr. Grad. Students in Education	Arrange	Full Quarter	3	Rugg-Prunty	
Ed. 242	Probs. of Educ. Administration (3rd Course in Admin.)	Arrange	Full Quarter	3	Rugg-Prunty	
El. Sci. 3	Home Ground Improvement (Field trips arranged)	MTWTh	Ei. Half or Full Qr.	2 or 4	Cornell	
		Daily	Second Half	3	Shirling	L-13

*Required Full Quarter for majors in Education Department

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Eng. 0	Fundamentals in English	Daily	Second Half	0	Carney	
Eng. 4	Speaking and Writing	Daily	First Half	3	Carney	
Eng. 4	Speaking and Writing	MTThF	Full Quarter	3	Hawes	100
Eng. 6	American Literature	MTThF	Full Quarter	4	Ransom	
Eng. 15	Types of Literature	MWF	Full Quarter	3	Cross	L. Thea.
Eng. 132	Development of the Novel	MTThF	Full Quarter	4	Tobey	202
Fr. 1, 2, 3	Elementary French (1st recitation at 8:00 compulsory)					
Geog. 103	Climatology	Daily	Full Quarter	12	Manchester	L-1
H. Ed. 1a	Ind. and Soc. Hygiene (Women)	MTWTh	Full Quarter	4	McCain	101
H. Ed. 108	Educational Hygiene	Daily	Either Half	3	Bryson	Gunter 201
Hist. 107	The British Empire	Daily	Either Half	3	Long	Gunter 205
H. A. 4	Millinery (double period)	MTWTh	Ei. Half or Full Qr.	2 or 4	Noyes	L-1
H. A. 10	Dress Appreciation	MTThF	Full Quarter	4	Roudebush	HE-301
H. Sc. 3	Cookery and Serving	MTThF	Full Quarter	4	Henry	HE-304
Ind. A. 19	Wood Turning (double period)	MTThF	Full Quarter	4	Pickett	HE-202
Ind. A. 41b	Elementary Bookbinding (Lab. by appt.)	MTWTh	Full Quarter	4	Fouk	G-1
Ind. A. 105	Adv. Arch. Drawing (2 or 4 hours. Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Ind. A. 133a	Adv. Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Hadden	G-105
Ind. A. 133b	Adv. Printing (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Ind. A. 143a	Adv. Art Binding & Leather Craft (Lab. by appt.)	MTWTh	Ei. Half or Full Qr.	2 or 4	Bishop	G-104
Math. 8	Surveying (double period)	MTWTh	Ei. Half or Full Qr.	2 or 4	Schaefer	G-100
Math. 9	Analytic Geometry	TTh	1st Half or Full Qr.	2 or 4	Charlesworth	
Mus. 3	Harmony	MTThF	Ei. Half or Full Qr.	2 or 4	Finley-Mallory	
Mus. 20	Ancient History	MWF	Full Quarter	3	Thomas	Con-6
Mus. 21	Modern History	Daily	First Half	3	Cline	Con-14
Nurse Ed. 101	Nursing Supervision	Daily	Second Half	3	Cline	Con-14
P. E. 7	National & Characteristic Dancing	Daily	First Half	3	Gray	Gunter Hall
P. E. 16	Hockey	TThF	Either Half	½	Thomas	Gunter 202
P. E. 26	Beginning Swimming	MWF	Second Half	½	Springer	Field
P. E. 101	Clog & Athletic Dancing for Majors	MTWTh	Either Half	1	Doubenmier	Pool
Phys. 111	Physics of Automobile	MTThF	Full Quarter	2	Cave	Gunter 107
		MTWTh	Ei. Half or Full Qr.	2 or 4	Valentine	HE-106

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Pol. Sc. 2	State Government	MTWTh	Full Quarter	4	Dickerson	104
Psych. 105b	Psychology of Sr. H. S. Subjects	MTWTF	Ei. Half or Full Qr.	2 or 4	Wait	T-12
Psych. 108a	Educational Tests and Meas.	MTWTh	Ei. Half or Full Qr.	2 or 4	Heilman	T-13
Soc. 105	Principles of Sociology	MTWTh	Full Quarter	4	Binnemies	208
Soc. 122	Comparative Religions	MTWTh	1st Half or Full Qr.	2 or 4	Wilson	
Soc. 209	Soc. Seminar	MTh	Ei. Half or Full Qr.	2 or 4	Howerth	
Span. 1, 2, 3	Elementary Spanish (1st recitation at 8:00 compulsory)	Daily	Full Quarter	12	Davis	205
Zool. 1	General Zoology (Lab. 1-5 Mon.)	MTThF	Full Quarter	4	Harrah	304
VI. 12:00 to 12:50						
Art 7	Constructive Design	MTThF	Ei. Half or Full Qr.	2 or 4	Lowe	G-204
Art 13	Industrial Art Methods for Primary	MTThF	Full Quarter	4		G-200
Ath. 13	Athletic Training	TTh	First Half	1	Von den Steinen	Hall
Biol. 1	Educational Biology (2 hrs. Lab. by appt.)	TWThF	Full Quarter	3	Arvidson	301
Com. Ed. 11	Principles of Typewriting I	TWThF	1st Half or Full Qr.	1 or 2	Knies	213
Ed. 1	Introduction to Education	TWThF	Full Quarter	4	Fraser	
*Ed. 3a	Primary Methods (Read., Lang., Spell.)	MTh	Ei. Half or Full Qr.	1½ or 3	Dulin	
*Ed. 3c	Primary Methods (Literature & Theory of Play)	TThF	Ei. Half or Full Qr.	1½ or 3	Rosenquist	
Ed. 21	Rural School Problems	MWTh	Ei. Half or Full Qr.	1½ or 3		
Ed. 100e	Unit Courses—County Supts. No. 10 Recent Invest. in Course of Study	Daily	Ei. Half or Full Qr.	1	McKee-Rugg	
Ed. 104	Project Method	June 18-28	First Half	2	Brown	
Ed. 107	Method of Improving Reading	MTWTh	First Half	2	Dobson	
Ed. 109	Supervised Study	MTWTh	Ei. Half or Full Qr.	2 or 4	Mahan	
Ed. 128	County Administration	MTWTh	Ei. Half or Full Qr.	2	Ogle	
Ed. 141	Admin. for Teachers	MTWTh	First Half	2	Stutzman	
Ed. 150	Foundations of Method	MTWTh	Ei. Half or Full Qr.	2 or 4	Risley-Brown	
Ed. 168	Problems of Religious Education	MTWTh	Ei. Half or Full Qr.	2 or 4	Wilson	

*Required Full Quarter for majors in Education

Time and
Catalog No.

El. Sci. 1

Eng. 0

Eng. 2

Eng. 16

Eng. 112

Eng. 114

Geog. 12

Geog. 150

H. Ed. 13

Hist. 10

Mus. 1a

Mus. 1b

Mus. 1c

Mus. 4

Mus. 10

P. E. 5

P. E. 27

P. E. 103

Phys. 11

Phys. 14

Psych. 2a

Psych. 2b

Psych. 113

Psych. 214

Psych. 224

Psych. 225

Soc. 105

May Be Taken
for Credit

Days

Descriptive Title of Course

Elementary Nature Study (Field trips arranged)

Fundamentals in English

Teaching Written English

Contemporary Literature

The Children's Theater

Play Production

Methods in Intermed. Geography

Geography of Colorado

First Aid

Social and Industrial History of The

United States

Rudiments for Inter. Majors

Sight Singing (Beginning)

Advanced Sight Singing

Harmony

Primary Methods

Folk Dancing (Beginning)

Intermediate Swimming

National Dancing for Majors

General College Physics (Mechanics) (Lab. 2 hrs. arrange.)

The use of Visual Apparatus in class room

(Lab. 2 hrs. arrange.)

Educational Psychology

Educational Psychology

Vocational Psychology

Advanced Ed. Psychology

Research in Psychology (Thesis)

Research in Psychology (Thesis)

Principles of Sociology

Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
TWThF	Full Quarter	4	Selberg	L-13
MTThF	Full Quarter	0	Armentrout	
MWF	Full Quarter	3	Johnson	
MTThF	1st Half or Full Qr.	2 or 4	Tobey	L-Thea.
MTThF	Second Half	2	McLane	
MTThF	Full Quarter	4	Blackburn	202
MTThF	Full Quarter	4	McClintock	100
MTWTh	Ei. Half or Full Qr.	2 or 4	Barker	101
MTWTh	Second Half	2	Von den Steinen	Gunter 205
MTWTh	Ei. Half or Full Qr.	4	Peake	104
Daily	Second Half	3	Mohr	T-16
Daily	First Half	3	Opp	Con-14
Daily	Second Half	3	Opp	Con-14
MWF	Full Quarter	3	Thomas	Con-6
Daily	First Half	3	Mohr	T-16
TThF	Full Quarter	1½	Springer	Gunter 107
MTWTh	Either Half	1	Doubenmier	Pool
MWThF	Full Quarter	2	Springer	Gunter 107
WTh	Full Quarter	3 or 4	Valentine	HE-106
MT	Full Quarter	3	Valentine	HE-106
Daily	First Half	3	Denney	T-13
Daily	Second Half	3	Denney	T-13
MTWTh	Ei. Half or Full Qr.	2 or 4	Hertzberg	T-12
MTWTh	Full Quarter	4	Wait	T-7
MTWTh	Full Quarter	3	Heilman	
MTWTh	Full Quarter	3	Heilman	
MTWTh	Full Quarter	4	Binnewies	208

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Qr. Hrs.	Teacher	Room
Art 100d	Creative Art	Daily	July 2-12 inc.	1	Iannelli	
Ath. 70	Swimming	Daily	El. Half or Full Qr.	1 or 2	{ Brown Doubenmier	Pool
Ed. 16	Camp Fire Leadership—Elem.	MT	Either Half	1	Lee	
Ed. 16a	Camp Fire Leadership—Adv.	TTh	Either Half	1	Lee	
Ed. 17	Boy Scout Masters Training	MW	First Half	1	Moore	
Ed. 65	Bible Study—Old Testament	MTWTh	First Half	2	Wilson	
Ed. 66	Bible Study—New Testament	MTWTh	Second Half	2	Wilson	
Ed. 100d	Unit Courses in Creative Educ.	Daily				
	1. Creative Music, June 18-28 incl.			1	Coleman	
	2. Creative Art, July 2-12 incl.			1	Iannelli	
	3. Creative Religion, July 16-26 incl.			1	Dando	
	4. Creative Literature, July 30, Aug. 9 incl.			1	Brown	
	5. Creative Education in School, Aug. 13-23 incl.			1	Washburne	
	(Each unit Mon. through Friday first week, Mon. Through Thurs. Second Week)					
Ed. 100e	Unit Courses—County Supts. & Rural School Buildings July 18-28 incl.					
Ed. 223	Research in Education. (Thesis Course)	MTW		1	Ogle	
Eng. 100d	Creative Literature	Daily	July 30-Aug. 9 inc.	3	Whitney	
H. Ed. 1a	Ind. and Soc. Hygiene (Women)	Daily	Either Half	1	Brown	Gunter 201
H. Ed. 8	Physiology. (Lab. 3 to 5 M. W.)	MW	Full Quarter	4	Bryson	Gunter 205
Mus. 11	Intermediate Methods	Daily	Second Half	3	Mohr	T-16
Mus. 38	Collective Voice Training	TTh	Either Half	1	Cline	Con-1
Mus. 122	Appreciation (For the Concert Goer)	MW	Second Half	1	Southard	Con-14
Mus. 100d	Creative Music	Daily	June 18-28, incl.	1	Coleman	L-Thea.
P. E. 6	Folk Dancing (Advanced)	TThF	Either Half	1/2	Thomas	Gunter 202
P. E. 137	Materials & Meth. in Physical Education	Daily	First Half	3	Springer	Gunter 114

Time and Catalog No.	Descriptive Title of Course	Days	May Be Taken for Credit	Gr. Hrs.	Teacher	Room
Ed. 100a	Problems in Education	MTW	Ei. Half or Full Qr.	1 or 2	} 15 different teachers	
Ed. 100e	Unit Courses—County Supts. 9. Improvement of Written Exams. June 18-28 incl.					
Eng. 161	Old Testament Literature	MWF	First Half	1	Heilman	100
Mus. 43	Advanced Orchestra	MW	Full Quarter	3	Wilson	Con-14
Mus. 44	Advanced Band	TTh	Full Quarter	1	Thomas	Con-14
P. E. 12	Plays and Games	MTTh	Either Half	1	Cave	Gunter 107
P. E. 13	Tennis	MTTh	Either Half	1/2	Springer	Courts
P. E. 26	Beginning Swimming	MTWTh	Either Half	1/2	Doubenmier	Pool
P. E. 36	Pageantry & Dramatic Expression in Physical Education	Daily	Second Half	3	Thomas	Gunter 202
P. E. 134	History of Physical Education	TWThF	First Half	2	Thomas	Gunter 114
X. 4:00 to 4:50						
P. E. 4	Singing Games	TThF	Either Half	1/2	Thomas	Gunter 202
P. E. 13	Tennis	MTTh	Either Half	1/2	Cave	Courts
P. E. 113	Women's Athletic Games (Majors)	MTWTh	Full Quarter	2	Springer	Gunter 107
XI. 7:00 to 7:50						
EVENING LECTURES						
XII. 8:00 to 8:50						
Mus. 101	College Chorus	M	Full Quarter	1	Cline	Con-14

TEXTBOOKS

Chemistry 108, 109, 110, 111. Organic Chemistry, Remsen & Orndorff; Laboratory Manual of Organic Chemistry, W. R. Orndorff.
 112-113. Household Chemistry, Vulte.
 7. Qualitative Analysis, W. W. Scott.
 114. Quantitative Analysis, Popoff.

1 and 2. How Children Learn to Draw, Sargent & Miller.
 3. Elementary Freehand Perspective, Norton.
 9. Art Through The Ages, Gardner.
 13 and 14. Industrial Arts for Elementary Schools, Bonser and Mossman.

Art

Commercial Education

1, 2, and 3. Gregg Shorthand Manual; Gregg Speed Studies.
 11, 12, and 13. Sorelle, New Rational Typewriting, (Revised.)
 36. Freeman. Freeman's Correlated Handwriting Manual; Palmer Method Manual.
 37. Smith, Business Mathematics.
 42. Blanchard, Essentials of Advertising.
 50. Powelson, An Introduction to Accounting.
 52. Powelson, An Introduction to Accounting.
 106. McNamara, Secretarial Training.

Biology

Bacteriology 100. General Bacteriology, Buchanan.
 Biology 1. Educational Biology, General Biology, Burlingame, Martin, Heath, Pierce.
 Biotics 101. Heredity & Eugenics. Genetics, Walter, and Applied Eugenics, Popenoe & Johnson.
 Botany 2. Textbook of General Botany, Holman and Robbins.
 Botany 101. Taxonomy. New Manual of Rocky Mountain Botany, Coulter & Nelson.
 Elementary Science 1. Elementary Science, Our Living World, Downing.
 General Science 1. General Science Methods. The Teaching of Science in the Schools, Downing.
 Zoology 1. College Zoology, Hegner.
 Zoology 3. Bird Study. Western Bird Guide, Reed.

Education

1. Beginning Teaching, Avent; Introduction to Education, Frasier & Armentrout.
 3a. The Primary School, Moore; How to Teach Reading, Pennell & Cusack.
 3b. Teaching Arithmetic in the Primary Grades, Morton; School Activities and Equipment, Knox.

Chemistry

1, 2, 3, 4, 5, 6. Introductory College Chemistry, Gordon; Laboratory Exercises in Chemistry, Noyes & Hopkins.

- 3c. Spontaneous and Supervised Play, Sies; International Kindergarten Union, Selected List of Poetry and Stories.
- 4a. Reading Objectives, Anderson & Davidson; Standards in English, Mahoney.
- 4b. Corrective Arithmetic, Osburn.
5. General Methods of Teaching in the Elementary Schools, Parker.
10. Third Yearbook of the Department of Superintendentence, Elementary School Curriculum, Bonser.
15. Educational and Vocational Guidance, Proctor.
16. and 16a. Symbol Books, Song Books, and Manuals. Camp Fire Girls.
21. Problems of the Rural Teacher, Pittman.
23. Rural School Methods, Ritter & Wilmarth.
24. The Rural Community, MacGarr.
28. The Principles of Plant Culture, Goff-Moore-Jones.
52. Textbook for Training Kindergartners, Lyford.
101. Modern Methods in High School Teaching, Douglass.
104. Project Method of Teaching, Stevenson.
105. Brief Guide to the Project Method, Hoscic & Case.
106. Types of Elementary Teaching and Learning. Parker.
107. Twenty-fourth Yearbook, Part I, National Society for the Study of Education; Summary of Investigations Relating to Reading, Gray.
108. Supervision of Instruction, Nutt.
109. Supervised Study in the Elementary School, Hall-Quest.
110. Twenty-fifth Yearbook, Part II, National Society for the Study of Education.
111. Democracy and Education, Dewey.
113. Junior High School Procedure, Touton & Struthers. Junior High School, Briggs.
114. Supervision of Instruction, Barr & Burton.
115. The Principal and His School, Cubberley.
116. High School Administration, Cook.
125. Rural Education, Brim.
126. An Experiment With a Project Curriculum, Collings.
133. The History of Education, Cubberley.
134. Public Education in the United States, Cubberley.
142. Public School Administration, Cubberley.
143. An Introduction to Public School Finance, Pittenger; Handbook of Instructions for Recording Disbursements.
147. The School Survey, Sears.
150. Foundations of Method, Kilpatrick.
151. Child Guidance, Blanton & Blanton.
210. Twenty-sixth Yearbook, Parts I and II, National Society for the Study of Education. Fundamentals of Education, Bode.
211. The Junior High School, Koos.
214. Principles of Secondary Education, Uhl.
223. How to Write a Thesis, Reeder.
240. The Dean of Women, Mathews.
242. Problems of Educational Administration, Strayer & Engelhardt.

English and Literature

0. The Little Grammar and the Little Book of English Composition, Cross.

117. Teaching of History in Junior and Senior High Schools, Lyon.
- Pol. Sc. 2. State Government, Dodd.
- Pol. Sc. 101. History of the Foreign Policy of the United States, Adams.

Mathematics

- Solid Geometry. Essentials of Solid Geometry, Wentworth-Smith.
- College Algebra, Hart.
- Trigonometry, Rothrock.
- Analytic Geometry, Smith and Gale.
- Calculus, Granville.
- Astronomy, Moulton.
- Teaching Junior High School Mathematics, Smith & Reeve.
- Teaching Arithmetic, Morton.

Music

- School Music Handbook, Cundiff-Dykema.
- Music Teacher Manual, Hollis Dann.
- Counterpoint Simplified, Francis L. York.
- Beginners Harmony, Preston Ware Oren.
- Lessons in Music Form, Percy Goetschius.
- Essentials in Music History, Tapper-Goetschius.
- Melodia, Cole-Lewis.
- Collective Training, Clippinger.
- Instrumentation, Prout.
- Methods in Conducting, Gehrkins.

1. Children's Literature, Curry-Clippinger.
2. Reorganization of Secondary English, Dept't of Interior, Washington, D. C.
4. Wooley's Hand Book, Practice Leaves in English Fundamentals Form C.
8. English Prose and Verse, Pancoast.
11. Fundamentals in English, Cross.
13. Stories and How to Tell Them, Esenwein and Stockard.
14. A Technique in Dramatic Art, Bosworth.
20. New Hand Book of Composition, Wooley.
31. The Short Story, Cross.
105. Speech Training and Public Speaking for Secondary Schools, Drummond.
106. Bulletin No. 2, 1917, Department of the Interior; Reorganization of English in Secondary Schools.
114. A Technique in Dramatic Art, Bosworth.
121. English Poetry of the 19th Century, Elliott and Foerster.
127. Shakespeare's Complete Works (one volume), Cambridge Edition.
134. An Outline of Contemporary Drama, Dickinson.
161. Literature of the Old Testament, Bower.

History

1. Foundations of American Nationality, Greene.
2. Expansion and Conflict, Dodd.
5. Political and Social History of Europe, Vol. I, Hayes.
10. An Economic History of the United States, Faulkner.
107. Development of the British Empire, Robinson.

Psychology

- 2a. Psychology for Students of Education, Gates.
- 2b. Same text as for 2a.
- 104. Psychology of Elementary School Subjects, Reed.
- 105a. Psychology of Secondary School Subjects, Judd.
- 105b. Same text as for 105a.
- 107. Measurement of the Intelligence, Terman.
- 108a. Educational Tests and Measurements (Revised),
Monroe, DeVoss & Kelly.
- 108b. Measurement in Secondary Education, Symonds.
- 112. Psychology of Musical Talent, Seashore.

- 212. Statistics in Psychology and Education, Garrett.
- 214. Educational Psychology, Vol. II, Thorndike.
- 222. How to Experiment in Education, McCall.

Foreign Language

- Spanish I, II, III—Warshaw and Bonilla, Elements of Spanish; Roehm and Manchester Laboratory Exercises.
- Spanish 105—Bécquer's Legends, Tales, and Poems.
- French I, II, III—Béziat and Dey, French Grammar; Roehm and Shane Laboratory Exercises.
- Romance Languages 131—Händschin's Methods of Teaching Modern Languages.

THE CALENDAR

FOR THE

SUMMER QUARTER

1928

June 16—Saturday.....Registration Day for the Summer Quarter

June 18—Monday.....Classes begin

A fee of one dollar is collected for late registration, after Saturday, June 16. Also one dollar is charged for late registration for the second half, July 21.

July 21—Saturday.....The first half of the Summer Quarter closes.

Students, if possible, should enroll June 16 for the full quarter, but they have the privilege of enrolling for either quarter independent of the other. Many courses run through the first half quarter only. Some run through the second half quarter only. Most of the courses, especially the required courses, must be taken throughout the whole quarter before any credit will be given.

July 21—Saturday.....New Enrollment for the second half Quarter

July 23—Monday.....Classes begin

Aug. 25—Saturday.....The Summer Quarter closes Graduation Day

