

THE UNIVERSITY OF OREGON

EUGENE



PORTLAND

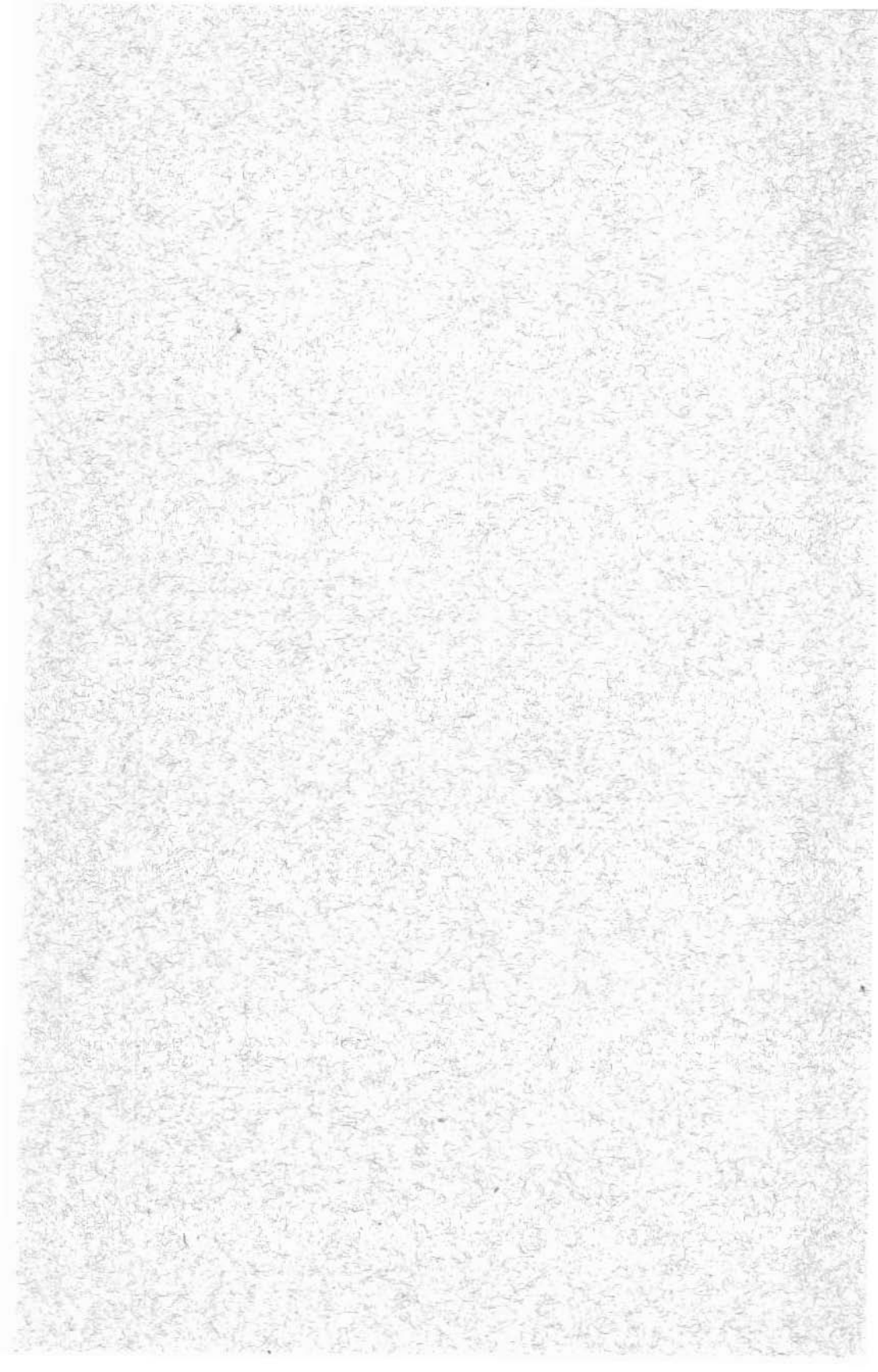
THE SUMMER SESSIONS

Portland: June 21—July 30

Eugene: June 21—July 30

Campus Post Session
August 2—August 27

ANNOUNCEMENTS
1926



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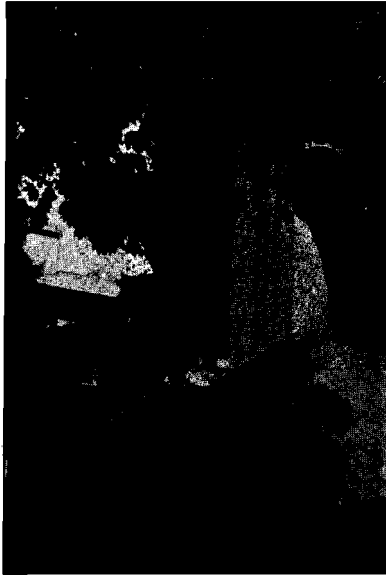
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PUBLISHED BY THE UNIVERSITY
UNIVERSITY PRESS
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THE SUMMER SESSIONS

INTRODUCTION

The twenty-second annual summer sessions of the University of Oregon will be held simultaneously on the campus at Eugene and in the Portland center, beginning immediately after commencement and continuing for six weeks.

Although there is necessarily a limited amount of duplication in the work offered, the two sessions are in the main complementary to each other. The assignment of work to each is determined by the special constituencies to be served and by the facilities available. Prospective students should examine carefully the respective announcements and should enroll in that session which is planned for the particular group to which they belong.

The Eugene session will be devoted largely to instruction of a specialized, advanced, or graduate nature, wherein the extensive library and laboratories of the University may be utilized fully. Elementary courses will be given in subjects for which the demand is heavy, or which necessitate the use of specialized facilities.

In the Portland center, undergraduate courses of a more general or popular appeal will be offered and advanced work will be restricted to courses in which substantial enrollment can be predicted. Reference work will be done in the Multnomah County Library. At this session will be found types of work in which the various resources of the city of Portland can be used effectively, as in applied sociology, Americanization, and various short courses for specialized workers.

Work offered at each session is equivalent in method, character and credit value to similar work of the academic year.

REGISTRATION, FEES AND CREDIT

Registration for the sessions will take place in Eugene and Portland on Monday, June 21. The registration fee for the six weeks summer session is fifteen dollars (\$15.00). In most of the laboratory courses there is a moderate laboratory fee to help defray the cost of materials and upkeep of equipment. The amounts of these fees will be given in the schedule of courses distributed at the opening of the session.

The student may carry the amount of work necessary to earn nine term-hours of credit during a six weeks period at either session.

REQUIREMENTS FOR ADMISSION AND DEGREES

The only requirement for admission to the summer session is ability to do the work.

Admission to Work for Degree—Students who wish to become candidates for a degree from the University must satisfy the regular university entrance requirements. Credentials consisting of the transcripts of the high school or preparatory work of such students should be filed with the registrar of the University as early as possible before the opening of the session.

Entrance Requirements—For entrance to the University the student must present 15 units of high school work, of which ten are from selected subjects as follows:

Algebra	1	History	1
Geometry	1	Science (with laboratory)	1
One foreign language	2	Additional unit in any subject in this	
English	3	group	1

Elective units to the amount of five are permitted, but no credit is granted for drill, spelling, penmanship, physical training, or for work which may be classed as largely or purely a student activity.

Advanced Standing—Advanced standing will be given students coming from institutions of collegiate rank, who can satisfy the committee on advanced standing that the courses offered are equivalent to those given by the University. All applicants for advanced standing must present complete official transcripts covering both their high school and college records, and a letter of honorable dismissal. The committee will meet to consider petitions for advanced standing in the first week in July.

Residence Requirements for Degrees—Persons actively engaged in the teaching profession may fulfil the residence requirements of the University for a degree by completing work at five summer sessions, aggregating at least 45 term-hours.

Further information concerning admission and graduation requirements may be obtained from the registrar of the University.

Advanced Degrees—Students seeking advanced degrees should file their credentials with the registrar of the University for the consideration of the graduate council at an early date, and should as soon as practicable draw up a tentative programme of work leading to the degree for submission to the council.

THE GRADUATE SCHOOL

For several years, special consideration has been given to the requirements of graduate students in planning the work of the campus summer session, which is the center of graduate study in the state. Many courses are offered each summer which are open to graduate students only and numerous other advanced courses are so arranged that they may be used for graduate credit. Library and laboratory facilities for graduate and research courses have been steadily expanded. In most departments the summer courses are arranged in two or three year sequences, thus enabling the student to meet the requirements for the master's degree by attendance at consecutive sessions, and the needs of faculty members of colleges and normal schools are definitely borne in mind in arranging the offerings. Many members of the regular staff who appear on the summer session faculty have distinguished themselves in research and productive scholarship, and the visiting members of the faculty are selected for the stimulus which they can bring to the graduate work.

Some advanced courses in the Portland center may, by special arrangement, be used for graduate credit.

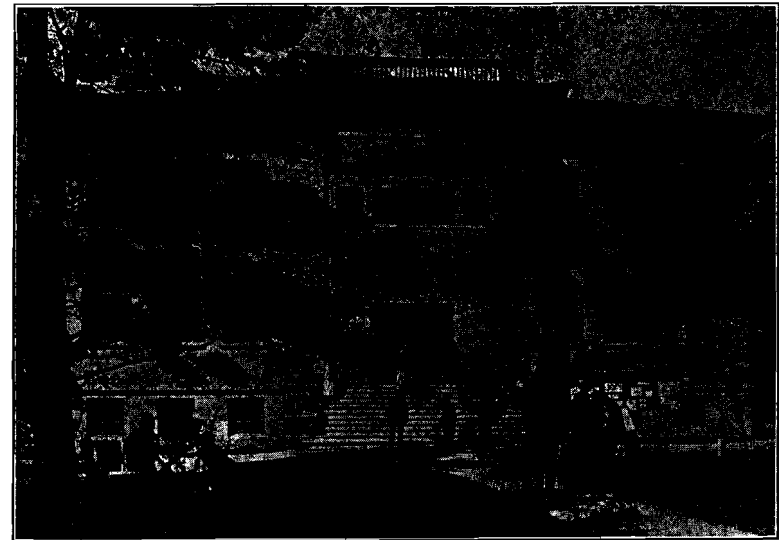
All students contemplating graduate work in the summer session should see the regulations concerning matriculation in the graduate school, major and minor subjects and thesis, which are published in the bulletin of the graduate school (to be had upon application to the registrar), and should correspond with Dr. George Rebec, dean of the graduate school, regarding the arrangement of their work.

NATURAL ATTRACTIONS

At either end of the broad Willamette valley, lie Eugene and Portland, where are held the two summer sessions of the University of Oregon. The summer climate of western Oregon is ideal for study, with the tempering coolness of ocean breezes and with varied scenic spots perpetually in view and within easy reach.

The campus at Eugene, spreading in expansive lawn under the shadows of numerous firs and bordered by the historic mill race, offers an ever-present out-of-doors just outside the class room or hall of residence. Nearby are hills, rivers and the pleasant summer gloom of forests; within week-end reach are the beaches, the snowy Cascades, cold lakes and fishing streams. Eugene, with a population of 16,000, ranks high among the beautiful cities of the Pacific coast, and offers unusual attractions as a place for summer residence.

The students wishing to spend the vacation weeks in the stimulating surroundings of a large city, will find in Portland, with its third of a million population, a metropolitan environment, with unsurpassed scenery stretching out, in every direction—the Willamette, the Columbia, the coast and the Cascades. Lincoln high school, where the classes will be held, is centrally located, and is fronted with the lawn and trees of Park street that afford, in the midst of a busy city, something of the seclusion of a college campus. The multitude of opportunities for change and rest offered by Portland and by its surroundings of some of the greatest scenery in the Northwest, attract a congenial student body of ever-increasing size.



University Library

THE CAMPUS SESSION EUGENE

THE FACULTY

GEORGE REBEC, Ph.D. *Dean of the Graduate School*
 CARLTON E. SPENCER, B.A., J.D. *Registrar of the University*
 M. H. DOUGLASS, M.A. *University Librarian*
 F. L. STETSON, M.A. *Director of the Eugene Summer Session*

HARRY J. BAKER, Ph.D. *Clinical Psychologist, Detroit Public Schools*
 HAROLD R. BENJAMIN, M.A. *Research Scholar, Stanford University*
 MADISON BENTLEY, Ph.D. *Head of Department of Psychology, University of Illinois*
 GEORGE VERNE BLUE, B.A. *Assistant in History, University of California*
 RAY P. BOWEN, Ph.D. *Head of Department of Romance Languages*
 C. V. BOYER, Ph.D. *Professor of English, University of Illinois*
 WALTER H. BRATTAIN, M.S. *Instructor in Physics*
 MARION BROWN, M.A. *Dean of Girls, University High School, Oakland, California*
 RALPH D. CASEY, M.A. *Associate Professor of Journalism*
 A. E. CASWELL, Ph.D. *Professor of Physics*
 ROBERT C. CLARK, Ph.D. *Head of Department of History*
 EDMUND S. CONKLIN, Ph.D. *Head of Department of Psychology*
 F. W. COZENS, M.A. *Director of Physical Education for Men, University of California, Southern Branch*

ROSALIA CUEVAS, M.A. *Instructor in Romance Languages*
 THOMAS D. CUTSPORTH, M.A. *Instructor in Psychology*
 B. W. DEBUSK, Ph.D. *Professor of Education*
 E. E. DECOUR, M.S. *Head of Department of Mathematics*
 RUDOLPH H. ERNST, Ph.D. *Associate Professor of English*
 EVELYN FOSTER, B.A. *School of Library Science, Western Reserve University*
 ALTON GABRIEL, B.S. *Graduate Assistant in Chemistry*
 JAMES H. GILBERT, Ph.D. *Head of Department of Economics*
 F. H. HANKINS, Ph.D. *Professor of Sociology, Smith College*
 W. L. HAYWARD *Professor of Physical Education and Track Coach*
 RALPH R. HUESTIS, Ph.D. *Assistant Professor of Zoology*
 EDWARD M. HULME, Ph.D. *Professor of History, Stanford University*
 MABEL E. MCCLAIN, B.A. *Circulation Librarian*
 J. J. McEWAN *Professor of Physical Education and Head Football Coach*
 WALTER E. MEANWELL, M.D. *Head Basketball Coach, University of Wisconsin*
 GUSTAVE MUELLER, Ph.D. *Instructor in Philosophy*
 ELIZABETH NELSON, B.A. *County Supervisor of Music, Klamath County, Oregon*
 EARL L. PACKARD, Ph.D. *Professor of Geology*
 W. J. REINHART *Assistant Professor of Physical Education and Head Baseball Coach*
 VLADIMIR B. ROJANSKY, M.S. *Instructor in Mathematics*
 ETHEL I. SANBORN, M.A. *Instructor in Botany*
 HENRY D. SHELDON, Ph.D. *Dean of School of Education*
 STEPHENSON SMITH, B.Litt. *Assistant Professor of English*
 WALTER W. SNYDER, M.A. *Assistant Professor of English*
 F. L. STETSON, M.A. *Professor of Education*
 H. G. TANNER, M.A. *Associate Professor of Chemistry*
 EDWARD THORSTENBERG, Ph.D. *Professor of Scandinavian Languages and Literature*
 WALTER L. WHITTLESEY, Ph.D. *Assistant Professor of Political Science, Princeton University*
 FLORENCE E. WILBUR, A.B. *Instructor in English*
 R. J. WILLIAMS, Ph.D. *Associate Professor of Chemistry*
 HARRY B. YOOCOM, Ph.D. *Associate Professor of Zoology*

CALENDAR

Registration for the campus session will be on Monday, June 21, beginning at 9 o'clock in the morning. Classes will begin Tuesday, June 22. Examinations will take place on Thursday and Friday, July 29 and 30.

POST SESSION

Regularly organized classes will be conducted in several departments during a four weeks post session, from August 2 to August 27, thus enabling summer students to secure a total of ten weeks of instruction.

Courses in education, English and history are described in this catalogue. Other courses will be added, or opportunities provided for individual work in these subjects in case of sufficient demand. Instruction will also be made available, either through organized classes or through directed individual study in chemistry, physics and zoology, if demand warrants.

The post session work is planned primarily for advanced and graduate students, although other properly qualified individuals may be admitted. For those who have been in attendance at the previous six weeks session, either in Eugene or in Portland, the registration fee will be \$5.00, for others it will be \$10.00. Credit to the extent of six hours may be earned during the four weeks.

Students who are interested in post session study in the fields mentioned above, or in other subjects should correspond with the director of the Eugene summer session as soon as possible regarding any desired additions to the courses announced.

REGISTRATION PROCEDURE

The entering student will first secure a complete schedule of classes and detailed instructions for registration at the administration building. He will then go to the adviser indicated for his major subject or special group for assistance in determining his summer program. The next step will be to secure the signatures of the instructors in whose classes he wishes to register and the final approval of his adviser. Registration will be completed by paying the summer session fee at the comptroller's office and filing the study card at the registrar's office.

Students enrolling after Tuesday, June 22, will report to the director of the summer session.

SUMMER COURSES

Types of Work Offered. Instruction will be offered in sixteen departments of the College of Literature, Science and the Arts, and in five professional schools. Elementary courses will be available in many subjects, but the emphasis will be placed upon upper division and graduate work. The well-equipped, scientific laboratories and the University library of more than one hundred and fifty thousand volumes, enable the faculty to offer to students of real ability, thorough preparation, or especial interests, excellent facilities for research, experiment and intensive study.

The campus session will appeal particularly to the following groups: college students, teachers who are seeking special training or meeting degree or certification requirements, school administrators and supervisors,

normal graduates, city and school librarians, adults who wish to renew their studies, and graduate or research students in academic or professional fields.

Graduate Study. Practically all departments offering summer work provide graduate courses as well as upper division courses which may be taken for graduate credit. Many of the departments are prepared to give very close attention to the needs of the individual students. The comparatively small classes, with much individual conference, the superior quality of instruction, and the excellent research facilities combine to make the campus summer session of unusual attraction to the graduate student.

THE SUMMER FACULTY

The summer session staff will be composed largely of members of the University faculty. Their scientific attainments and teaching ability and their knowledge of the problems of secondary and higher education in Oregon especially qualify them to direct the study and research of summer students. In addition, instructors from other institutions and public school administrators from other states have been invited to give special courses in fields in which they have achieved distinction. Ten visiting lecturers will appear on the Eugene summer faculty.

DAILY ASSEMBLY

A daily assembly hour at 11 is a distinctive feature that provides a center for much of the organized life of the campus session. Musical programs under direction of the school of music, readings by members of the departments of English and of drama, and addresses upon topics of general interest by local and visiting lecturers will be included during the 1926 session. Through the assembly lectures the students will be brought in touch with recognized authorities in education, philosophy, literature, natural science, sociology and political science. The quality of these addresses is indicated by the following partial list of speakers for the coming summer: Dr. Madison Bentley, president of the American Psychological Association; Dr. F. H. Hankins, well-known writer and lecturer in sociology from Smith College; Dr. E. M. Hulme of Stanford University; Dr. Harry J. Baker, clinical psychologist for the Detroit public schools; Dr. Walter L. Whittlesey of Princeton; and Dean Sheldon and Dean Gilbert of Oregon.

The first assembly of the session, at eleven o'clock on Tuesday, June 22, will be held in the beautiful new recital hall of the school of music, and will give the summer students an opportunity to hear members of the music faculty whose exceptional artistry is well recognized.

THE SCHOOL OF EDUCATION

New Courses—Each year the school of education offers several new courses dealing with current educational problems which are of interest to teachers and administrators. This year the special features include a course on atypical children, given by Dr. Harry J. Baker, who has had extensive experience as clinical psychologist in Detroit, and a course for administrators which will emphasize research methods as applied to selected problems of organization and administration, also given by Dr. Baker. Dr. B. W. DeBusk, director of the research bureau of the Portland schools, will give a very practical course on diagnostic testing as a

basis for effective teaching. Dean Marion Brown, of Oakland, California, returns to the campus to give a course for deans and advisers of girls, and will add a timely course on problems of social and moral guidance in high schools.

In addition to these new types of work, there will be a number of courses dealing with educational sociology, contemporary history of education, child psychology, and secondary education. Advanced courses and seminars will give ample opportunities for graduate students to pursue their studies in representative fields.

Exhibit of Educational Materials—Through the kindness of various publishing houses, the department of education has secured a large collection of junior and senior high school texts representing nearly all the high school subjects and showing the recent developments in each field. This collection together with a number of recent professional books, will be on display for several days during the summer session.

Appointment Bureau—The school of education maintains an appointment bureau primarily to assist its own graduates in securing suitable teaching positions. The services of this bureau are also extended to other teachers who have been connected with the University, including the students of the summer sessions. Every possible assistance is given in aiding teachers to secure positions, and in serving superintendents by bringing desirable candidates to their notice. Last year the recommendation of the University was asked to fill over 300 vacancies including many calls for superintendents and principals. In a number of cases no qualified candidate could be recommended. Salaries ranged from \$125 per month to over \$3,000 per year.

Educational Conference—The annual conference of superintendents and principals will be held on the campus Friday and Saturday, June 25 and 26. The program of this conference is centered upon significant problems in certain phases of public education each year, and there is an extensive participation by educational leaders from all parts of the state. The 1926 conference program, to be announced soon, will include, among other topics, discussions of the applications of scientific measurement to instruction and administration, the diagnosis and treatment of problem children, and the organization and methods of social education. In addition to representative school men from the state, conference speakers will include Dr. Harry J. Baker of Detroit, Dean Marion Brown of Oakland, California, and Dr. B. W. DeBusk and Dean H. D. Sheldon of Oregon.

THE SCHOOL OF MUSIC

The summer session of the school of music will be under the supervision of George Hopkins, professor of piano. The recently completed recital hall of the school will be available for summer concerts.

Instruction in applied music will be given by the heads of various departments of the school. The vocal work will be under the direction of Madame Rose McGrew, who, in addition to voice lessons, will give a course in operatic coaching and repertoire. In addition to her own wide experience as an opera singer, Madame McGrew has made a special study of coaching problems and methods.

Mr. Rex Underwood, professor of violin and head of the department and conductor of the University symphony orchestra, will give the violin work, and a course in piano pedagogy will be given by Mr. Louis Artau.

Students of applied music will find practice rooms well equipped and comfortable, in the music building, for those specializing in voice, piano or violin.

Mrs. Elizabeth Nelson, supervisor of music for the public schools of Klamath county, will give courses of practical value to teachers and supervisors of music, and to others who are concerned with the appreciational aspects. Mrs. Nelson's courses include public school music, elements of musical science, and history and appreciation of music.

SCHOOL OF PHYSICAL EDUCATION

This summer the school of physical education will emphasize work along the following lines:

I. *Coaching of the Major Sports*

A splendid program has been prepared for those who want to develop their coaching technique and who are anxious to become familiar with the fine points of the game. Not only will there be a chance to study each major sport intensively, under the direction of expert coaches, but there will be supplementary courses to relate the coaching work with the physical education program for the whole school.

The summer courses include:

Basketball Coaching by Dr. Meanwell, the noted coach from Wisconsin, known for his success by all students of the basketball game.

Football Coaching by Captain J. J. McEwan, formerly the coach of West Point, now head coach at the University of Oregon.

Track Coaching by the veteran "Bill" Hayward, whose reputation for developing track athletes is respected both east and west, and who has been chosen many times to train the Olympic teams.

Baseball Coaching by "Billy" Reinhart, coach of baseball at the University of Oregon, who is developing a reputation as one of the best teachers in the coaching field.

II. *Theory and Practice of Physical Education*

Two courses will be given by Assistant Professor F. W. Cozens, director of physical education for men at the University of California, Southern Branch, who has had ample experience in both the coaching of major sports and in the physical education courses for high schools.

1. *Course Primarily for Coaches.* This is a short course for those taking only the classes in major sports, and is especially adapted for those who want to understand the methods of organizing class work for the entire student body of their school. Practical methods, games, sports, and exercises, are discussed as to their fitness to be used.

2. *Course Primarily for Teachers, Principals, Superintendents.* This course continues through the six weeks of the summer session, and is designed to give fundamental principles, the theory and practice of physical education as applied to secondary schools.

III. *Recreation*

Under the direction of the school of physical education, there is offered also a varied program of recreation for the summer students—

the use of the swimming tanks, tennis courts, golf links, etc., together with hikes, picnics, and entertainments of many kinds. Those who will get most out of their summer work are the ones who do not neglect a wholesome amount of relaxation, and come prepared to participate.

FIELD STUDY

Marine Zoology Station—The department of zoology will offer instruction in marine zoology this summer as a feature in the summer session program. The site chosen is on the coast about two miles south of the entrance to Coos Bay, and about thirteen miles from Marshfield, Oregon. The work will be conducted as a field course with the aim of giving students a first hand acquaintance with the shallow water and shore forms in their natural surroundings.

Within easy reach of the camp are to be found a great variety of environmental conditions. In the immediate vicinity the coast is abrupt with rocky shores and numerous tide pools, also broad sandy beaches, and within working distance are broad mud flats exposed at low tide. The animal life is abundant and unusual opportunity is offered for students to become acquainted with the various groups of invertebrate animals. The rocks and areas exposed at low tide are covered with a great variety of marine algae which will be studied intensively for the first time this summer.

The commodious cabin, owned by the Boy Scouts of Coos county, has been rented for the summer session period. This will provide kitchen and dining room facilities, a laboratory room, and quarters for a part of the class. Tents will be provided for the remainder of the group. Cots and mattresses will be furnished. Eating utensils must be furnished by each member of the party. Food will be furnished at cost and living will be of a simple type.

The course will begin Thursday, June 17, and continue for five weeks, ending Wednesday, July 21. Class work will be carried on six days a week. Eight term-hours credit will be given for the work. The enrollment will be limited to the number that can be cared for properly with the equipment available.

The total cost to the student, including summer session fee, transportation from Eugene and return, and living expenses is estimated not to exceed \$75.00. Registration for this course must be completed by June 10. Anyone planning to take the work should correspond with Dr. H. B. Yocom, department of zoology, University of Oregon, Eugene, Oregon, at the earliest possible date.

Summer Geology Camp—The annual summer field course conducted by the department of geology for advanced students will be carried on this year in the mountains of the Ochoco national forest in Wheeler county, tributary to the John Day river, which is famous for its fossil vertebrates. The work will begin on Wednesday, June 23, and will continue for four weeks, class work occupying six days a week. Seven term-hours credit will be given.

The 1926 field course will be especially significant because of an extensive research project undertaken in eastern Oregon under the direction of the Carnegie Institute of Washington, in which the local department will cooperate. Among the noted geologists who will be

carrying on studies in this section during the summer are Dr. Chaney, paleobotanist of the Carnegie Institute, and Dr. Buwalda and Dr. Stock of the California Institute of Technology, thus giving the summer students the opportunity of working with several recognized leaders in geological work.

The party will operate from camps. The expenses of the trip will include the regular summer session registration fee of \$15.00, transportation to the field, and maintenance, the latter approximating \$25.00 for the four weeks. Address Dr. E. L. Packard, department of geology, University of Oregon, for particulars.

RECREATIONAL OPPORTUNITIES

The men's gymnasium and the women's gymnasium, each including a splendid swimming pool, will be open to summer students from 3:30 to 6:00 p. m. daily. Tennis on the University courts, among the finest in the Northwest, canoeing, riding, and golf will appeal to many, while numerous other opportunities will be available for those who wish less strenuous exercise. Organized games and tournaments are a feature of interest each summer.

Week-end hikes to neighboring points of interest are organized as well as longer trips by automobile to the snow-capped Sisters in the Cascade range or to the Pacific coast. Students should bring equipment for the sports they enjoy and old clothes suitable for outings, as Eugene is in the center of a wonderful recreation playground. Announcements of recreational plans will be made at the daily assemblies, and by posters on the campus.

BOARD AND ROOM

Rates—Rates for board and room together will be \$9 per week; for board alone, \$7 per week. Board will be available to a limited number of students who do not live at the dormitories.

Meals will be served to both men and women in the dining room of Friendly hall. Those who room at the dormitories will be expected to take their meals at Friendly hall, or to pay a higher rental for their rooms. This is necessary, as the dormitories are run absolutely at cost.

The rooms in the halls are completely furnished, and adequate bedding is provided. Towels, however, are not provided, and the summer student should bring his own supply.

Susan Campbell Hall will be the hall of residence for women again this summer. The hall is built in three units, each containing nine suites and three baths, with tubs and showers. Each suite, which will accommodate two or three women, is composed of a study, a dressing room with closets, and a sleeping porch. An abundance of light and air, attractive furnishings and hot and cold water in each dressing room, are only a part of the conveniences of the hall of residence.

Friendly Hall, well known to all men who have visited the campus as the men's dormitory, will be open to men students. Those who have had rooms in this building in the past know how convenient are its accommodations.

Reservations for residence in the University halls should be addressed to the Comptroller, University of Oregon, Eugene.

Private houses—A number of excellent private boarding and rooming houses will also be open to students.

A list of such places may be secured by the incoming students from Mrs. Charlotte Donnelly, University Y. M. C. A., who will handle the rooming places both for men and women. Suites of rooms, flats and furnished cottages suitable for light housekeeping, may also be secured, but should be arranged for well in advance, if possible.

Description of Courses

In the following description of courses the general character of each course is indicated by its number.

Courses numbered from 1 to 99 are commonly called lower division courses, and are primarily intended for students in the earlier years of a college course.

Courses numbered from 100 to 199 are upper division courses, intended for advanced undergraduates, but usually acceptable for graduate credit, when supplemented by additional assignments of work.

The courses numbered from 200 are primarily for graduate students, and are open to advanced undergraduates only by permission of the instructor. The graduate council requires the inclusion of some courses of this character in the program of each candidate for the master's degree.

All classes meet daily, and carry three hours of credit, except as otherwise explicitly stated. The hours noted after the course descriptions represent the term-hours of university credit which may be earned.

A small "s" following the course number indicates that the course is substantially the same as the course given in one of the regular terms of the academic year.

BOTANY

Miss SANBORN

UPPER DIVISION

104s. *Marine Algae*. The collection, mounting, and classification of the marine forms found in the vicinity of the station. Some time will be spent on the study of the habits, the morphology and reproduction of the forms collected. Laboratory fee, \$2.00. *Credit to nine hours.*

110s or 213s. *Research in Marine Botany*. Properly qualified students may enroll for individual problem work under supervision of the instructor. *Hours to be arranged.*

CHEMISTRY

Associate Professors WILLIAMS, TANNER; Mr. GABRIEL

LOWER DIVISION

1. *First Summer Chemistry*. An introduction to the study of chemistry. No prerequisite. Seven lecture hours and three laboratory periods per week. Lectures at 9 daily and at 2 to 4 on Tuesdays. Laboratory M, W, Th, 1:15 to 4:15. Tanner. *Six hours.*

2. *Second Summer Chemistry*. A topical study of outstanding principles of chemistry and their applications. This course is suitable for students with a fair amount of previous training in chemistry. It can be also taken another year as a sequel to course 1. Lectures daily at 9. Williams. *Three hours.*

3. *Second Summer Laboratory*. A laboratory course suitably adapted to accompany course 2, but which at the same time can be varied to serve the individual interests of those desiring training particularly in analytical or preparation work. Laboratory, 1 to 5, M, T, W, Th. Williams. *Three hours.*

UPPER DIVISION

No more than two of the following upper division lines of work will be organized into courses for the summer session, final selections being made to meet the needs of those applying for this grade of instruction. Advance consultation, either by conference or correspondence, is invited.

105. *Advanced Inorganic Chemistry*. Selected topics from this field in which description and theory are desirably interspersed. Prerequisite, the equivalent of 24 hours of lower division chemistry.

Hours to be arranged.

112. *Advanced Inorganic Laboratory*. To accompany course 105.

Hours to be arranged.

140as. *Organic Chemistry*. For the session of 1926 the work will be confined to the aliphatic series of hydrocarbons and their derivatives. In 1927 the cyclic hydrocarbons and their derivatives may be taken up. Prerequisite, 24 hours of lower division work or its equivalent.

Hours to be arranged.

155s. *Organic Laboratory*. To accompany course 140as.

Hours to be arranged.

178. *Theoretical Chemistry*. The subject matter of this course corresponds largely to the conventional discussions in textbooks of Physical Chemistry. During the summer of 1926 the first one-third of the usual year course may be given. Prerequisite, the equivalent of 24 hours of lower division chemistry work and 12 hours of upper division chemistry together with a working knowledge of physics and calculus.

Hours to be arranged.

179. *Theoretical Chemistry Laboratory*. To accompany course 178.

Hours to be arranged.

GRADUATE DIVISION

Credit earned by completion of upper division courses applies toward the M. A. degree requirement. The summer session also offers opportunity for thesis work, details to be arranged by correspondence or by conference.

POST SESSION

By special arrangement it may be possible for chemistry students at the coming summer session to continue their work for an additional four weeks. The continuation will permit a very desirable rounding out of the courses of the regular summer session and for graduate students particularly gives opportunity for substantial progress toward the fulfillment of degree requirements.

Students wishing to take advantage of this continuation period are invited to consult as soon as possible either with the chemistry department staff or with the director of the summer session.

DRAMA

Miss WILBUR

UPPER DIVISION

100. *Drama Workshop*. For those interested in producing plays in churches, high schools, universities and communities. The work covers choosing a play, play production, staging, lighting, making of proper-

ties, costuming and makeup. Attention is given to simplicity of production and to the securing of adequate effects with limited equipment. Daily at 10. *Three hours.*

101. *Rehearsal and Play Production*. Interpretation and rehearsal of plays. Covers pantomime, voice, and character delineation and is helpful to those required to produce plays as well as to those taking part in them, or desiring the work from a cultural standpoint. Daily at 9. *Three hours.*

ECONOMICS

Professor GILBERT

LOWER DIVISION

3s. *Principles of Economics*. A general treatment of economic principles underlying production, exchange and distribution, with some attention to the study of practical problems. Daily at 8. *Three hours.*

UPPER DIVISION

118s. *Public Finance and Taxation*. The economic laws underlying the raising and expenditure of public revenues. Special attention is given to the tax problems of our own state and the bearing of certain principles on the problem of school finance is considered. Daily at 10. *Three hours.*

EDUCATION

Dean SHELDON, Dr. BAKER, Dean MARION BROWN, Professor DeBUSK, Professor STETSON, Assistant Professor BENJAMIN

LOWER DIVISION

54. *The School and Society*. The school as a social institution; aims and functions in primitive and advanced civilizations. The social backgrounds of education and the school in relation to other institutions. Social organization of the school; suggestions on curriculums, methods of instruction and control. May be substituted for Education 52. Sheldon. Daily at 3. *Three hours.*

122. *Diagnostic Testing and Remedial Teaching*. Designed for teachers, supervisors and others who are interested in the diagnostic phases of testing and in scientifically directed teaching. A consideration of those standard tests which have diagnostic value. Special attention to principles underlying diagnostic tests and practice in building of such. Methods for the development of a remedial teaching program. Illustrations from the work of the Portland Bureau of Research. DeBusk. Daily at 9. *Three hours.*

125. *Problems in City School Administration*. Planned to develop the scientific and research aspects of school administration. The functions of mental and educational tests in making school surveys, methods of pupil accounting, the uses of the age-grade report. Marking systems, size of class and adjustments of curriculum. The general improvement of the school system by the use of the local survey, and a discussion of the various methods of grouping pupils for most efficient instruction. Baker. Daily at 10. *Three hours.*

140. *World Problems in Education.* A study of educational expansion in a number of European countries, with analysis of the special problems and significant contributions in each case. Deals chiefly with educational developments before 1915. May be continued in the post session. Sheldon. Daily at 2. *Three hours.*

166. *The Psychology of Childhood.* Deals with the psychology underlying conduct problems primarily social and which illustrate the principles of behavior of those children who are normal. The course will consider specially the instincts, emotions, and development of habits in relation to the school life of the child. DeBusk. Daily at 10. *Three hours.*

170. *The Psychology and Education of Atypical Children.* A study of three types of pupils who do not respond successfully to the usual school procedures. The first group includes those who suffer from some physical or sensory defect, such as defective vision, hearing, etc. The second group includes the mentally backward and unstable. The uses of intelligence tests and other devices to diagnose these types of cases will be stressed. The third group includes pupils who are suffering from educational defect. Methods of diagnosis and treatment will be emphasized. This course should enable teachers or administrators to detect defects and prescribe remedies for all types of cases. Baker. Daily at 8. *Three hours.*

185. *Problems and Procedure for Deans and Advisers of Girls.* A course in the educational guidance of high school girls, including problems of health, mental hygiene, vocational guidance, education for leisure, extra curricular activities, and academic guidance. The work of the dean of girls as administrator, adviser, teacher, and technical expert in dealing with problems of high school girls. Brown. Daily at 2. *Three hours.*

188. *Problems in Social and Moral Guidance for High School Students.* Developing a character building program in secondary schools. The organization and administration of extra-curricular activities as part of such a program. Brown. Daily at 1. *Three hours.*

189. *The High School Principal and His School.* For teachers and principals. Practical illustrations of aims and functions of secondary education. Effective organization, instruction, and supervision. Economy in administration. Comparative study of standards. How to measure efficiency of various phases of the school. Considerable attention to standard and "home-made" tests for high schools. Stetson. Daily at 9. *Three hours.*

GRADUATE DIVISION

218. *Round Table—Problems of the High School Girl.* A detailed and careful study of personal problems of the adolescent girl, as encountered by the dean of girls or the school adviser. Prerequisite, course 185 or equivalent. Brown. Time to be arranged. *One or two hours.*

220. *Graduate Seminar.* Special problems in fields of clinical psychology and school organization. Baker. Time to be arranged. *Two hours.*

252s. *Church and State in 19th Century Education.* A special course for students in history and education. Includes preparation of individual papers based on source material. Sheldon. Time to be arranged. *Two hours.*

260. *Research in Educational Psychology and Diagnostic Testing.* Advanced problems for students who have done considerable work in these fields. DeBusk. Time to be arranged. *Two hours.*

POST SESSION

141. *Contemporary Educational Activities.* A continuation of course 140, but open to new students. Educational adjustments following the war in a number of selected countries. Factors leading to change of emphasis and to reorganization. Analysis of new movements. Benjamin. *Two or three hours.*

190. *Problems in Secondary Education.* Development of secondary school theory and practice. Adjusting education to changing social conditions. Extensions of secondary education to junior high school and junior college. Problems of finance, curriculum making, teacher training, etc. Benjamin. *Two or three hours.*

ENGLISH

Professor BOYER, Associate Professor ERNST, Assistant Professors SMITH, SNYDER

LOWER DIVISION

41s. *Shakespearean Tragedy.* The development of Shakespeare's technique in managing character, motive, and story. *Julius Caesar, Hamlet, Macbeth, Lear, Othello, Anthony and Cleopatra.* Lectures and discussions. Boyer. Daily at 10. *Three hours.*

57s. *Short Story Writing.* Designed to develop proficiency in the art of writing fiction, including discussions on the technique of the narrative, analytical studies of specimen short stories, and the production of original short stories by members of the class. Some consideration will be given to recent mutations of the short story. Snyder. Daily at 2. *Three hours.*

UPPER DIVISION

156s. *The Romantic Revolt.* A brief account of pseudo-classic literature, consideration of early eighteenth century romantic tendencies and intensive study of representative works of Wordsworth, Coleridge, Byron, Shelley, and Keats. Ernst. Daily at 8. *Three hours.*

187s. *The Late Victorian Novel.* Stevenson, Meredith, Hardy, Kipling, and others. Ernst. Daily at 9. *Three hours.*

GRADUATE DIVISION

202. *The Industrial Novel.* The democratic movement in fiction and its relation to the industrial situation created by the factory system. Dickens, Disraeli, Gaskell, Kingsley, Charles Reade. Lectures by the instructor and occasional papers written by the students on such topics as "Labor Leaders and Capitalists in Fiction," "The Influence of a Reform Purpose on Art," "Industrial Conditions and Morals." Boyer. Daily at 1. *Three hours.*

207. *Social Problems in Early Nineteenth Century Literature.* A seminar in methods of research. Investigations and reports on social conditions, comparative treatment, and the influence of one author on another. Boyer. *Hours to be arranged.*

230s. *Thesis.* A course for students who plan to finish their master's thesis during the summer quarter. Ernst. *Hours to be arranged.*

POST SESSION

*161. *Shakespeare's Comedies.* Critical reading of the plays. Theories of the comic as illustrated in Shakespeare. Smith. *Two or three hours.*

*164. *Victorian and Georgian Poets.* A study of Browning, with briefer notice of Swinburne, Tennyson, Morris, Meredith and Hardy. By way of contrast, a study of selected poems of Housman, de la Mare, Joyce, H. D., Aldington, and other contemporaries. Smith. *Two or three hours.*

*182s. *English Drama Since 1860.* Criticism of the works of Robertson, Gilbert, Pinero, Jones, Wilde, Phillips, Bottomley, Shaw, Synge, and of the other dramatists of the Irish Renaissance; some consideration of the development of Continental drama during this period. The influence of Ibsen, Strindberg, Schnitzler, Hauptmann, and Rostand. The dramas read will be considered as works of art. Smith. *Two or three hours.*

* Two of these courses will be given.

GEOLOGY

Professor PACKARD

UPPER DIVISION

170s. *Advanced Field Geology.* A field investigation of restricted areas within the John Day and Crooked River basins of Oregon. A study of the fossiliferous marine Cretaceous and its relationships to underlying Jurassic and older rocks and with overlying terrestrial Tertiary sediments. Opportunity will be afforded the student to collect in the John Day horizons, famous for their remarkable mammalian faunas, discovered by Condon and made known through the labors of Cope, Scott, Merriam and others.

The work will be carried on from camps and will include the essentials of plane tabling, the principles of geologic mapping, the collection of materials of geology, and the writing of geologic reports. Course open to upper division and graduate students. *Seven hours.*

GERMAN

Professor THORSTENBERG

LOWER DIVISION

1s. *Elementary German.* Text: Essentials of German by Vos; Fifth Edition. Intended for students who wish to acquire quickly a reading knowledge of the language for scientific purpose or review the essentials. Students successfully finishing the course can continue the work by

correspondence or by entering the second term of German in the University. Daily at 8. *Three hours.*

UPPER DIVISION

138. *German Literature.* Reading of classical dramas of Lessing, Goethe, Schiller, or modern authors. (Adapted to the preparation of those who register for this course). Daily at 9. *Three hours.*

GRADUATE DIVISION

217s. *German Seminar.* For advanced undergraduates and graduates, especially for major students. The work will be adapted to the needs of students electing the course. Daily at 10. *Three hours.*

HISTORY

Professors R. C. CLARK, HULME, Mr. BLUE

LOWER DIVISION

44. *Civilization in the Nineteenth Century.* Various movements of thought and ideals of culture and conduct that have been influential since the beginning of the industrial revolution in the life of western Europe. The rise of questions about life, various attitudes toward life that men have adopted. The pleasure seekers, the quietists, the materialists, the mystics, the romanticists, and those whose life is directed by the ideals of social service. Hulme. Daily at 10. *Three hours.*

73s. *Recent American History.* The past fifty years, studied with reference to the significant social and industrial movements and their relations to the politics of the time. Clark. Daily at 9. *Three hours.*

UPPER DIVISION

156. *The Italian Renaissance.* The development of the new humanism in its relations to the political, social, and religious life of the time. The lectures deal with the sources as well as the development of the new and broadening thought of this critical and formulative period; with the revival of nationality and individuality, of literature, of art, of science, and of conscience, with the changing economic and social conditions; and with the development of political theory and the transformation of law. Hulme. Daily at 2. *Three hours.*

177. *Oregon History.* The early history of discovery, exploration, and settlement of the Pacific Northwest as a whole, followed by the history of Oregon as a state. The activities of the British fur companies, the beginnings of government, and the boundary question will be treated with some detail. The results of the study made by the instructor in London during the past year will be presented. Clark. Daily at 8. *Three hours.*

GRADUATE DIVISION

200. *Historical Method.* A course preparatory to historical research and to the teaching of history. It will discuss what history is, what it is for, what are its materials, what are its methods, what are its relations to neighbor studies, how to study it, and how to write it. It will also provide for introductory studies of some of the sciences that are auxiliary to history. Hulme. *Hours to be arranged.*

276s. *Problems in Oregon History.* Gives an opportunity to study from the sources special problems that relate to the history of the Pacific Northwest. Clark. *Hours to be arranged.*

POST SESSION

179s. *American Colonization.* The story of American territorial expansion with special emphasis on the establishment of our overseas possessions. Blue. *Two or three hours.*

202s. *Reading and Conference Course.* For advanced and graduate students. The history field to be selected with reference to special need and preparation of students electing the course. *Two or three hours.*

JOURNALISM

Associate Professor CASEY

LOWER DIVISION

33. *Journalistic Writing.* A study of the various forms of composition suitable for publication in the newspaper, the specialized press, and the non-fiction columns of the popular magazine. The structure of the news story and the principles of reporting. Conventional and unconventional treatment of the news. Practical work on the Summer Session Sun. Students study magazine markets, later preparing articles in answer to the technical requirements of various types of magazines. If there is sufficient demand, some attention will be given to school news and school publications. Daily at 9. *Three hours.*

UPPER DIVISION

122. *The Feature Article.* Subjects and material for the special feature article. A study of types of articles, including personality sketch and personality interview. Students will become familiar with the needs of the feature syndicate and the Sunday magazine section. The student will be given plenty of freedom to cultivate his own style as distinct from the more exacting rules of composition found in the straight news story. The course aims at an original treatment of subject matter, and articles will deal with varied protagonists and themes. Tuesday and Thursday at 8. *One hour.*

LATIN

Mr. MUELLER

UPPER DIVISION

155. *Our Inheritance from the Graeco-Roman Civilizations.* Why is the Mediterranean culture of Greece, Rome, and Judaea the basis of the modern civilization? What have we added and what have we lost? Comparison between static lived and progressive societies. Daily at 1. *Three hours.*

LIBRARY

Mr. DOUGLASS, Mrs. McCLAIN, Miss FOSTER

LOWER DIVISION

5. *Administration of the School Library.* A general course for school library workers, teachers, librarians and teacher-librarians. Problems of

the small school library to be given special attention. Foster. Daily at 10. *Three hours.*

6. *Elementary Reference.* Designed especially for the librarians of small school and public libraries. Reference books recommended for first purchase in such libraries to be given special consideration. Directions for the use and care of reference material in general to be discussed. Foster. Daily at 1. *Three hours.*

UPPER DIVISION

102. *Book Selection and Evaluation.* Designed to give a general survey of the best books and authors, old and new, in various fields of writing, and to interpret and apply principles and standards for judging them. Consideration is given to the best aids to book selection, and students are given practice in book reviewing and annotating. McClain. Daily at 9. *Three hours.*

MATHEMATICS

Professor DeCOU, Mr. ROJANSKY

LOWER DIVISION

8s. *Unified Mathematics.* A simple introduction to functions and graphs and the elementary notions of the differential and integral calculus, together with some advanced algebra. Prerequisite, one and one-half years of high school algebra. Valuable for science students and teachers of mathematics. Rojansky. Daily at 8. *Three hours.*

UPPER DIVISION

101s. *Teaching and History of High School Mathematics.* A study of the best methods of teaching arithmetic, algebra, and geometry, concluding with a comparison of the best recent texts. The Report of the National Committee on Mathematical Requirements on "The Reorganization of Mathematics in Secondary Schools" will be discussed. The latter part of the term is devoted to the history of elementary mathematics to prepare the teacher to impart its human interest to students. DeCou. Daily at 9. *Three hours.*

*103s. *Differential Equations.* A practical course in the solution of ordinary and partial differential equations. Prerequisite, differential and integral calculus. DeCou. Daily at 8. *Three hours.*

*104s. *Higher Algebra.* A more advanced and rigorous treatment of some of the topics in advanced algebra, together with the addition of many new topics. DeCou. Daily at 8. *Three hours.*

*107s. *Advanced Calculus.* A more rigorous treatment of various topics taken up in an introductory course, together with a discussion of elliptic integrals, Fourier's series, and other new topics. DeCou. Daily at 10. *Three hours.*

*108s. *Analytical Trigonometry.* An extension of the introductory course in trigonometry. Prerequisite, plane trigonometry. DeCou. Daily at 10. *Three hours.*

* Either 103s or 104s will be given; also, either 107s or 108s will be given.

MUSIC

Professor HOPKINS, Madame MCGREW, Mrs. NELSON, Professor UNDERWOOD, Mr. ARTAU

LOWER DIVISION

41. *Elements of Musical Science.* The history, construction and treatment of harmonic forms. Terminology, major and minor scales, intervals, major and minor triads, inversions, general theory of harmonic progression, etc. Dissonant combinations, open position, etc. Modulation, foreign tones, enharmonic equivalents, and the harmonization of melodies. Sight singing, and melody in relation to its supporting harmonic structure. Valuable to all music students, and especially desirable for teachers engaged in public school work. Nelson. M. W. F. at 2.

Two hours.

42. *Public School Music.* Planned primarily for junior and senior high schools, but will be further adapted to include elementary school methods according to the interests of the class. A practical course for teachers, developing the problems peculiar to these divisions. Special consideration given to the rural school problem and to the "boy voice." Emphasis upon music appreciation and school entertainments. Nelson. Daily at 1.

Three hours.

44. *History and Appreciation.* Covers the eighteenth and nineteenth centuries and deals with the masters of this period and their compositions. Special emphasis on the romantic period and attention to modern music. Phonographic illustrations. Designed for those who are interested in becoming intelligent listeners. No prerequisite. Nelson. Daily at 8.

Three hours.

49s. *Piano Pedagogy.* An intensive course designed primarily for teachers or prospective teachers, covering the subject and material of piano teaching from the beginning. Points to be especially treated: the beginner, phases of piano technique with their subdivisions, touch in its mechanical and artistic aspects, phrasing, expression, style, pedaling, rhythm, sight reading, ear training, transposition, memorizing, elementary harmony, form, the purpose of teaching Bach, analysis of Bach Inventions, analysis of teaching problems encountered in the Sonatas of Mozart, Clementi, Haydn and Beethoven, resume of Etudes, teaching repertoire. Time to be arranged. Fee of \$9.00. Artau.

Two hours.

51s. *Operatic Fundamentals.* Training in the fundamentals of operatic tradition. Practical work in reproduction of excerpts of the less pretentious examples of classical, romantic and modern opera. Time to be arranged. Fee of \$9.00. McGrew.

Two hours.

In addition to the courses listed above, instruction will be given in applied music by members of the regular staff of the school of music. The fees for private lessons for the summer session are as follows:

		One half-hour lesson per week	Two half-hour lessons per week
Voice	Mme. McGrew	\$18.00	\$36.00
Violin	Mr. Underwood	18.00	36.00
Piano	Mr. Hopkins	18.00	36.00
Piano	Mr. Artau	18.00	36.00

PHILOSOPHY

Mr. MUELLER

UPPER DIVISION

111. *Advanced Ethics.* Life as ethical problems. The ethical principle and the tendencies of life. Description of moral phenomena, as shame, respect, "bad conscience." Ethics and individual development. The formation of "character." How faults are acquired and how they are prevented. Ethics and history. The interpretation of historical epochs by moral philosophy. Daily at 2.

Three hours.

PHYSICAL EDUCATION

Dr. MEANWELL, Coach MCEWAN, Assistant Professor COZENS,
Coach HAYWARD, Coach REINHART

LOWER DIVISION

41. *A High School Program in Physical Education (Boys).* The development of a usable program of activities for class work in the high school. Practical work either in the gymnasium or on the field will be a large part of each day's procedure. As much time as possible will be devoted to the organization of activities in the class period. Cozens. Four weeks, July 5 to July 30. Daily at 8.

One hour.

51Bk. *The Coaching of Basketball.* Demonstrations and lectures. The dribble, various types of pass, and of shooting and all varieties of defense. Offense, using all pass styles, the long pass, the short pass and the mixed pass game, with emphasis on the short pass and pivot. Treating athletic injuries and training methods. Meanwell. July 5 to July 17. Daily, 10-12 and 3-5.

One and one-half hours.

51Tr. *The Coaching of Track.* Practical demonstration of proper forms and methods of training for all track events. Hayward. July 5 to July 17. Daily, 1-3.

One hour.

51Fb. *The Coaching of Football.* History of football, planning the season, blocking, tackling, interference and use of hands, fundamentals of line play, fundamentals of backfield play, fundamentals of end play, the kicking game, passing game, pass defensive, offensive formations and plays, team defense, generalship, practical demonstration in so far as possible. McEwan. July 19 to July 30. Daily, 10-12 and 3-5.

One and one-half hours.

51Bb. *The Coaching of Baseball.* Baseball coaching on the field. Best form in batting, base running, pitching, and catching. Theory and practice of inside baseball. Reinhart. July 19 to July 30. Daily, 1-3.

One hour.

UPPER DIVISION

141. *Organization and Administration of Physical Education.* Resume of the objectives of physical education and its place in the general scheme of education. A discussion of the problems of the organization of physical activities, including such topics as leadership, grouping and classification of children, selection of activities and tests, planning of program, organization of intramural competition and the layout of school playground. Cozens. June 21 to July 30. Daily at 1.

Three hours.

PHYSICS

Professor CASWELL, Mr. BRATTAIN

LOWER DIVISION

7. *Principles of Physics*. An abridged course in college physics, including the usual topics, but designed to give the student the modern point of view. Valuable for teachers with inadequate preparation and for review. With course 9 can be used to meet the requirement of group III, but is not equivalent to General Physics. Book fee, \$2.00. Caswell. Daily at 8 and 9. *Six hours.*

9. *Principles of Physics—Laboratory*. Laboratory work for course 7. Students registering in course 7 should plan to take as much work as possible in the laboratory. Students expecting to meet a group or departmental requirement in physics must take course 7 and three hours of laboratory work in course 9. Laboratory work is designed to require approximately thirty clock-hours for one hour of credit. Laboratory open every afternoon. Laboratory fee, \$4.00 per credit hour. Brattain. *One to three hours.*

UPPER DIVISION

120. *Physical Laboratory*. Additional laboratory work in experimental physics, either supplementary to the required work in College Physics or for prospective teachers of high school physics who wish to acquire proficiency in laboratory methods and administration of the high school course. The work is varied to meet individual needs. Approximately thirty clock-hours for one term-hour of credit. Laboratory open every afternoon. Laboratory fee, \$4.00 per credit hour. Brattain. *One to three hours.*

125-225. *Advanced and Graduate Courses*. Under this title, the department will offer one of the following advanced courses: thermodynamics, molecular physics, optics, or modern electrical theory. The particular course to be given will depend upon the demand. Prerequisites: a year-course in college physics, or an equivalent, and a working knowledge of calculus. Caswell. Daily at 10. *Three hours.*

POLITICAL SCIENCE

Dr. WHITTLESEY

LOWER DIVISION

13. *United States Government and Politics*. A survey in main outline of important facts relating to our governmental institutions and professional politics. The marvel of the people's sway: absolute power but without absolute rulers. Criticism of current fads and freaks; consideration of certain practical improvements. Topics to be emphasized: the voter, the election, law and lawmakers, law enforcers, especially police, our governing judges. Daily at 9. *Three hours.*

UPPER DIVISION

106s. *Modern Political Theory*. From king, priest and gentry to party and voter, from the few ruling of their own right to the many using government as a service. The development of political ideas in

America from Puritan and Cavalier to Democrat and Republican, from agitation and revolt to complacency and stagnation. What is the modern "State" and on what lines, toward what changes, is it now developing? Daily at 8. *Three hours.*

160. *The Declaration of Independence*. A seminar on the political ideas and practices embodied in our famous proclamation of July 4, 1776. What light does this, the official starting point of our governmental system, afford as to the nature of our political leadership then, as to the form of organization, the strength and weakness of our government since? A study of facts as facts, whether scandalous or heroic. *Hours and credit to be arranged.*

PSYCHOLOGY

Professors CONKLIN, BENTLEY, Mr. CUTSFORTH

LOWER DIVISION

1. *General Psychology*. This is a condensed first course in psychology covering the essential facts concerning sensation, perception, attention, thinking, instinct, feeling, emotion, etc. Covers so far as possible the same material as the course known as Beginners Psychology given during the regular academic year. Conklin. Daily at 8. *Three hours.*

2. *Beginners Laboratory*. An exact duplicate of the laboratory work given in connection with the beginners course during the regular academic year. Three hours laboratory daily. Students who have done part of the laboratory work in the regular academic year may complete their work by registering for whatever third or two-thirds of the course meets their deficiency. Recommended for students anticipating major work in psychology, and for transfers from other departments or institutions, who lack training in laboratory technique. Cutsforth. Daily, 1 to 4. *One, two or three hours credit, as arranged.*

NOTE—Students may register for both 1 and 2, but such a combination will not meet the University requirement in laboratory science, because of the brevity of the work in course 1. Students who have had beginners psychology during the regular academic year without the laboratory, may register for course 2 and thus complete the science group requirement.

UPPER DIVISION

180s. *A General Survey of the Field of Psychology*. The foundation of the course will be a descriptive account of the psychological organism; of the organism which thinks, acts, perceives, learns, remembers, imagines, understands, resolves, desires and suffers emotion. Upon this foundation will be built the special psychologies of social relation, of genesis and development, and of the "mental" disorders and infirmities. Text: Bentley, *The Field of Psychology* (Appleton, 1924). Bentley. Daily at 9. *Three hours.*

GRADUATE DIVISION

280s. *Main Trends of Psychology in the Last Quarter-Century*. The psychology of the present day will be derived by an historical inquiry into the schools and writings which have appeared since the beginning of the century. A critical estimate will be made of the psychologies of process, of act, of behavior, of psychoanalysis, of phenomenology and of configuration or *Gestalt*. The course should be undertaken only

by those who have acquired a substantial fund of knowledge in general psychology. The ability to read French and German will greatly assist the student. Lectures; outside reading; reports and discussions. Bentley. Daily at 10. *Three hours.*

281s. *Seminar.* An informal discussion of special problems in current psychology. The problems to be selected will depend upon the training and the interests of the group. For advanced students only. Bentley. *Hours to be arranged.*

ROMANCE LANGUAGES

Professor BOWEN, Miss CUEVAS

LOWER DIVISION

1s. *Elementary French.* Grammar, pronunciation, colloquial French and composition. This course is intended for teachers who have never had French and for students who have no opportunity to take it except in the summer term. The essentials of French grammar will be completed and a short easy text will be read. Bowen. Daily at 1. *Three hours.*

*2s. *Second Year French.* Review of grammar, with emphasis on composition and conversation, dictation, translation of modern French authors. Bowen. Daily at 2. *Three hours.*

12s. *Second Year Spanish.* Intensive grammar review and reading. Pronunciation, conversation and composition emphasized. Cuevas. Daily at 9. *Three hours.*

UPPER DIVISION

*103s. *French Literature.* Intensive and extensive reading of works of various periods. A general review of French literature. Bowen. Daily at 2. *Three hours.*

*114s. *Spanish Literature. Fourth Year.* Introduction to Spanish literature. Reading and discussion of works of representative authors. Reports in Spanish. Cuevas. Daily at 10. *Three hours.*

*116s. *Spanish Composition. Third Year.* Composition, oral and written, based upon Spanish text and upon topics of general interest. Cuevas. Daily at 10. *Three hours.*

GRADUATE DIVISION

208s. *Graduate Study in French.* This work will be adjusted to the preparation of the students who may elect the course. An attempt will be made to accommodate all advanced students who will be given work adapted to their needs. Bowen. *Hours and credits to be arranged.*

* Either 2s or 103s and 114s or 116s will be given. Work will be assigned according to the preparation of the students.

SOCIOLOGY

Professor HANKINS

LOWER DIVISION

50s. *An Introduction to the Study of Society.* A study of the origin and evolution of man, his differentiation into races, the beginnings of culture, and the development of the primary social institutions. An analysis of the primary factors in cultural development—the geographic

the biological, the psychological, and the cultural. The fundamental social institutions—family, religion and state—are studied in their primary forms. Toward the end of the course some attention is given to the industrial revolution and the evolution of modern society. Daily at 9. *Three hours.*

UPPER DIVISION

136s. *Theories of Cultural Evolution.* A detailed analysis of the various types of sociological theory represented in current discussions of social processes and causes. After an analysis of the various forms of social causation from these widely varied viewpoints has been made, an extended critical discussion of theories of cultural determination as developed by American anthropologists is undertaken. Daily at 8. *Three hours.*

GRADUATE DIVISION

210. *Research Problems in Population and Vital Statistics.* Each student will be assigned a particular topic for special investigation. A list of some 80 topics is available, of which the following are suggestive: inheritance of mental ability; selective significance of infant mortality; Mendelism in man; the theory of urban selection; the case for mothers' pensions; the effects of race mixture; immigration from the biological viewpoint. *Hours to be arranged.*

ZOOLOGY

Associate Professor YOCOM, Assistant Professor HUESTIS

LOWER DIVISION

57. *Field Study of Oregon Birds and Mammals.* A study of birds and mammals as they appear in their natural surroundings in the vicinity of Eugene. Animal habits, habitat preferences and associations. Identification of animals by their common names, field work being augmented by a study of prepared specimens and of lantern slides. Fundamental facts and theories of natural science. Morning walks, 7-9 a. m., or lectures, 8-9 a. m., and Saturday morning trips, with some afternoon laboratory work. Laboratory fee, \$1.00. Huestis. *Three hours.*

UPPER DIVISION

120. *Comparative Anatomy.* Laboratory dissection of vertebrate types to obtain a knowledge of vertebrate structure and some preparation for the study of human anatomy. Laboratory fee, \$5.00. Huestis. *One to three hours.*

125. *Marine Zoology.* A study of shore forms with special reference to their taxonomic and ecological relationships. Much of the time will be spent in collecting and identifying the animal life on the rocky shore, sand beaches, and mud flats, and in a study of the adaptations of the organisms to their mode of living. Open to students who have had at least a year's work or its equivalent in zoology. Living quarters will be in a camp established near Sunset Bay. Laboratory fee, \$3.00. Yocom. *Nine hours.*

140s-203s. *Zoological Research.* Properly qualified students will be accepted for research either on the campus at Eugene or at the Marine Zoology camp. Huestis, Yocom. *Credit to be arranged.*

NOTE—Persons desiring to carry on research should correspond with the Department of Zoology prior to the opening of the summer session.

THE PORTLAND SESSION

LINCOLN HIGH SCHOOL

THE FACULTY

ALFRED POWERS, B.A. *Director of the Portland Summer Session*
 DAN E. CLARK, Ph.D. *Assistant Director of the Portland Summer Session*
 CARLTON E. SPENCER, B.A., J.D. *Registrar of the University*
 MARGARET MORRISON SHARP *Secretary of the Portland Center*

HAROLD RAYMOND BENJAMIN, M.A. *Research Scholar, Stanford University*
 WILLIAM H. BOYER *Supervisor of Music, Portland Public Schools*
 VICTOR LOVITT O. CHITTICK, Ph.D. *Professor of Contemporary and American Literature,*
Reed College

DAN E. CLARK, Ph.D. *Professor of History, University of Oregon*
 MARGARET D. CREECH, B.A. *Assistant Professor of Applied Sociology,*
University of Oregon

FRANK PARKER DAY, M.A. *Director of General Studies, Carnegie Institute of Technology,*
Pittsburgh

ROBERT H. DOWN, M.A. *Head of the History Department, Franklin High School,*
Portland

SAIDIE ORR-DUNBAR *Executive Secretary, Oregon Tuberculosis Association*
 FREDERICK W. GOODRICH *Instructor in Music, Portland Center*

MILDRED HARTER, B.A. *Auditorium Director, Gary Public Schools, Gary, Indiana*
 GLENN E. HOOVER, Docteur en Droit *Assistant Professor of Economics,*
University of Oregon

GRACE EDGINGTON JORDAN, B.A. *Instructor in English, Portland Center*

ESTHER M. KREBS *Instructor in Art, Portland Center*

ROBERT KROHN *Supervisor of Physical Education, Portland Public Schools*

PHILIP A. PARSONS, Ph.D. *Director of the Portland School of Social Work,*
University of Oregon

MORTON E. PECK, M.A. *Professor of Biology, Willamette University*

ALFRED POWERS, B.A. *Dean of Extension Division, Professor of Journalism,*
University of Oregon

MARGARET E. RICH, B.A. *Associate Executive Secretary, American Association*
for Organizing Family Social Work

EDWIN JAMES SAUNDERS, M.A. *Associate Professor of Geology, University of Washington*

EDWARD L. SCHAUB, Ph.D. *Professor of Philosophy, Northwestern University*

FRIEDRICH GEORG G. SCHMIDT, Ph.D. *Professor of German Language and Literature,*
University of Oregon

DOROTHY ELIZABETH SMITH, B.A. *Head of the School Department,*
Portland Library Association

ALBERT R. SWEETSER, M.A. *Professor of Botany, University of Oregon*

HOWARD R. TAYLOR, Ph.D. *Assistant Professor of Psychology, University of Oregon*

T. L. TORGERSON, Ph.M. *Instructor in Education, University of Chicago*

F. MIRON WARRINGTON, Diplome de L'Universite de Paris *Professor of Business*
Administration, University of Oregon

BENJAMIN H. WILLIAMS, Ph.D. *Associate Professor of Political Science,*
University of Pittsburgh

ESTHER W. WUEST, Chicago Art Institute *Supervisor of Art, Portland Public Schools*

IRENE WUEST, Pratt Institute *Instructor in Art, Portland Center*

GENERAL INFORMATION

The Portland office of the University is at 212 Medical Arts building, Tenth and Taylor streets, telephone number Beacon 4000. Registration and payment of fees, as well as all executive details of the classes, are handled from this office. Office hours are from 9 a. m., to 5 p. m., with the exception of Saturday, when the office closes at 1 p. m.

All classes will be held at Lincoln high school, Park and Market streets, and with few exceptions, will meet daily between 8 a. m., and noon. Classes begin Monday, June 21, as scheduled. The schedule may be found on page 40. Members of the faculty will be glad to arrange conference hours with students, upon request.

EXPENSES

The registration fee of the summer session is \$15. In the laboratory courses there are moderate laboratory fees to help defray the cost of materials. All fees are to be paid during the first week, June 21 to June 26. Students whose fees are not paid before June 26, at noon, and who are not enrolled in classes prior to that time, may petition for permission to earn credit, but such petitions are usually denied, or granted with proportionate credit only.

UNIVERSITY CREDIT

Nine term-hours of regular university credit may be earned during the summer term. Students wishing to matriculate with the university in order to work toward degrees, should file all their credentials with the registrar at Eugene.

Graduate credit may be earned in some departments by special arrangement. The courses starred (*) will carry graduate credit.

ASSEMBLY AND RECREATION

Every morning from 9:50 to 10:00 students will meet in the auditorium for assembly and special announcements, and to make the acquaintance of fellow students.

A number of recreational features will be arranged for students in the Portland summer term. During the first week a reception and picnic will be given by the faculty for the students. In addition, there will be excursions and picnics to picturesque points of interest, and various scientific field trips under the leadership of different members of the faculty. Special public lectures by the faculty and distinguished visitors will also be given during the session.

REGISTRATION OF GRADUATE STUDENTS

Graduate students should record themselves as such not only in their classes and with their instructors, but should place their names on file at the Portland Center office, filling out a special card for the courses in which they wish to receive graduate credit. The dean of the graduate school, or his representative, will be glad to confer with students desiring to work for graduate credit. Appointments may be made by calling the University office, Beacon 4000.

DESCRIPTION OF COURSES

In the following description of courses, it is intended that the general character of each course shall be indicated by its number. Courses numbered from 1 to 99 are commonly called lower division courses, and are primarily intended for students in the first two years of the college course. Courses numbered from 100 to 199 are upper division courses, intended primarily for advanced undergraduates, but are sometimes acceptable for credit toward a graduate degree when taken by registered graduate students and supplemented by especially arranged additional assignments of work. Courses available for graduate credit are so designated.

The hours noted after the course description represent the term-hours of university credit which may be earned.

ART

Miss Esther Wuest, Miss Irene Wuest, Mrs. Krebs

1. *Handwork for Schools.* The development of art in public education presented by a series of practical problems for teachers of elementary schools. Of special interest to teachers in platoon schools. Esther Wuest. Daily at 8 a. m., Room 301. *Three hours.*

2. *Advanced Design and Representation.* Planned for students who have had a general foundation in art principles. The work will include lettering and poster design and freehand drawing. Irene Wuest. Daily at 9 a. m., Room 301. *Three hours.*

3. *Form in Decoration.* Especially planned for students of design and crafts workers. Study of the fundamental laws of beauty in decoration, with application to problems for practical use. Esther Wuest. Daily at 9 a. m. Room 317. *Three hours.*

4. *Crafts.* Decoration in relation to material will be offered in the following crafts: gesso, parchment and block printing. Krebs. Daily at 10 a. m. Room 301. *Three hours.*

BIOLOGY AND BIRD STUDY

Professor Peck

1. *General Biology.* A general introduction to the fundamental principles and problems of biology. Daily at 8 a. m. Room 316. *Three hours.*

2. *Bird Study.* A study of the life history, economic relations, structure and classification of birds, with much field observation for the identification of local species. No textbook will be used, but ample field notes will be required. Daily at 9 a. m. Room 316. *Three hours.*

BOTANY

Professor Sweetser

11. *Platoon Nature Study.* A study of some of the simple plant forms available for instruction in platoon work in the grades. It will not be the plan to enter into details of pedagogy, but rather to give a comprehensive view of a few forms and indicate how and when they may be used to the best advantage. Daily at 10 a. m. Room 316. *Three hours.*

101. *Introduction to Systematic Botany.* The structure and classification of flowering and non-flowering plants. The work will be adapted to the needs of the individual, either for beginners or for those having done more or less work in botany. This class will meet five times a week with minimum period of two hours to be arranged. Daily at 11 a. m. Room 316. *Three hours.*

*213s. *Graduate Botany Problem.* Room 316. *Hours and credits to be arranged.*

ECONOMICS

Dr. Williams

112s. *International Economic Policies.* The new position of the United States in the world due to the growth of American industry and the export of capital will be described. Problems connected with markets, the open door, preferential tariffs, shipping, trade routes, raw materials, loans, investments and the effect of international payments of reparations and debts will be taken up. Daily at 9 a. m. Room 103. *Three hours.*

EDUCATION

Dr. Schaub, Mr. Torgerson, Mr. Benjamin, Miss Harter

53s. *Educational Psychology.* A study of individual differences, the development and measurement of intelligence, learning in general with specific reference to the mastery of the school subjects, control and motivation of learning. A survey will be made of important scientific investigations in the field. Torgerson. Daily at 10 a. m. Room 116. *Three hours.*

*102. *Educational Liberals.* A consideration of the theories of famous educational reformers. Survey and evaluation of characteristic plans for the reform of schools and teaching in Greek, Roman, mediæval, and modern times. Lectures, reading, and discussions. Benjamin. Daily at 8 a. m. Room 110. *Three hours.*

103. *Methods of Instruction.* A consideration of the principles underlying teaching methods and class room management with an attempt to evaluate recent innovations in teaching practise. Assigned readings, reports, and discussions. Benjamin. Daily at 9 a. m. Room 110. *Three hours.*

104. *The Auditorium.* The educational philosophy back of the movement; relation of the auditorium to the school, to the community; organization within the school; types; equipment; study of program material. The auditorium as an adult community center. Harter. Daily at 10 a. m. Room 110. *Three hours.*

105. *Special Activities.* Course two of the auditorium period—The organization of the auditorium in the platoon school so that it will give definite place to oral activities as a means of developing the social, individual, and civic interests of the child. A practical teaching course which includes:

1. Detailed discussion of program material.
2. Definite application of first principles in stagecraft and management, of play directing, of story telling, and public speaking.
3. One auditorium period "taught" as a demonstration lesson by each pupil. Harter. Daily at 11 a. m. Room 110. *Three hours.*

*107. *Tests as an Aid in Improving Instruction.* Includes a critical survey of educational tests and scales; the technique of giving, scoring, tabulating, presenting and interpreting results; the use of results in diagnosis, remedial teaching, classification and guidance of pupils. Assignments include readings, laboratory experiments and projects. Torgerson. Daily at 11 a. m. Room 116. *Three hours.*

*154s. *History of Education.* A survey of the development of educational theory, more especially in its relation to prevailing philosophical and psychological doctrines and with particular emphasis upon the role of education in the life of the individual and of society. Schaub. Daily at 10 a. m. Room 112. *Three hours.*

ENGLISH AND GENERAL LITERATURE

Professor Day, Dr. Chittick, Dr. Schmidt, Mrs. Jordan

WRITTEN ENGLISH

51s. *Advanced Written English.* A course in self-expression on paper, done grammatically. Students will present a certain volume of written material, in the form of daily themes, with subject matter suggested but not dictated, thus to permit the working out of individual writing projects. The course supposes facility in English usage, so that the class period may be devoted to a discussion of ideas rather than grammatical construction. Jordan. Daily at 10 a. m. Room 106. *Three hours.*

103s. *Advanced Short Story Writing.* An analytical study of the organization, structure and devices of the present day magazine short story, with special attention to markets. Daily laboratory work emphasizes plot and characterization. One complete story of not less than 3000 words is required. Students desiring to do complete stories only should present advance manuscripts. Jordan. Daily at 11 a. m. Room 106. *Three hours.*

LITERATURE

*110. *Modern Drama.* Consideration in this course will be given chiefly to the dramatic works of the following writers: Ibsen, Tchekoff, Hauptmann, Shaw, Galsworthy, O'Neill, and the leading expressionists. Chittick. Daily at 8 a. m. Room 107. *Three hours.*

111. *Non-Conformists in American Literature.* A study of non-conformity in American men of letters, involving readings from the following authors: Franklin, Paine, Poe, Emerson, Whitman, David Crockett, Melville, Mark Twain, Hamlin Garland, Stephen Crane, Edgar Lee Masters, Sinclair Lewis, Sherwood Anderson. Texts: selections as in Foerster's *American Poetry and Prose* and various works complete by authors unrepresented in Foerster. Chittick. Daily at 9 a. m. Room 107. *Three hours.*

*121. *Poetry Since the War.* The course will begin with a general discussion of poetry, its moods, its forms, its aims, its place in life. The relation of poetry and science. The poet and the way in which he works.

An examination will be made of a few well chosen pre-war accepted poems with an effort to discover the inner meaning or essence of true poetry. With this general basis of poetic knowledge as a touchstone, will consider the form, meaning and value to life of English and American poetry written since the war. Day. Daily at 11 a. m. Room 113.

Three hours.

122. *The Development of the Novel.* (With a special reference to the novel of our own time). The beginnings of the novel, the novel of the 18th Century (briefly), the English novel of the 19th Century (more fully), the French novel of the 19th Century, the Russian novel of the 19th Century, the American novel of the 19th Century. The aim of the novelist. The value and relation of the novel to our own civilization. American and English novels of our own day and age. Day. Daily at 10 a. m. Room 113. *Three hours.*

*160. *Milestones in German Literature.* Early German literature, middle high German, Luther and H. Sachs, 17th Century literature, Klopstock, Wieland, Herder, Lessing, Goethe, Schiller, Richter, Heine, Grillparzer, the romantic school, Heyse, Freytag, Keller, Meyer, Hebbel, Fonatane, Hauptmann, Sudermann, Wagner, Nietzsche, Frenssen, R. Huch and Mann will be discussed. Schmidt. Daily at 9 a. m. Room 104.

Three hours.

GEOLOGY

Professor Saunders

1. *General Geology.* An elementary course including a study of the common rocks and minerals of the earth's mass, and the processes and forces effective in producing the surface features of the earth. Daily at 9 a. m. Room 114. *Three hours.*

2s. *Historical Geology.* A study of the more important events in the geological history of the earth and the development of life on the earth's surface as interpreted from the fossil remains, with special reference to the development of the North American continent. Prerequisite, general geology or physiography course in high school or college. Daily at 10 a. m. Room 114. *Three hours.*

GERMAN

Dr. Schmidt

1s. *Elementary German.* Intended for students who wish to acquire quickly a reading knowledge of the language for scientific purposes or to review the essentials. Students successfully finishing the course may continue the work by correspondence or by entering the second term of German in the University. Daily at 8 a. m. Room 104. *Three hours.*

110. *Advanced German.* Reading of narrative and descriptive prose of recent authors: Keller, Meyer, Heyse, Auderbach, Wildenbruch, Sudermann, Frenssen. Daily at 11 a. m. Room 104. *Three hours.*

130s. *Teaching of Modern Languages.* Lectures and discussions of methods of teaching German, French, Spanish; examinations of texts. Required of students who wish to be recommended as teachers of foreign languages. This course will be offered in English and may count toward satisfaction of the State requirement of 22 term-hours in Education, as part of the five-hour allowance in teaching methods. Daily at 10 a. m. Room 104. *Three hours.*

HISTORY

Dr. Clark, Dr. Barnes, Mr. Down

72. *History of the United States from 1850 to 1877.* A general survey of the social, economic and political history of the period from the compromise of 1850 to the close of reconstruction in the South. Lectures, assigned readings and class discussions. Clark. Daily at 10 a. m. Room 111. *Three hours.*

*101. *Forces and Influences in American History.* A study of some of the main forces and influences which have shaped American life, ideas and institutions. Geographic influences, the influence of the frontier, the heritage of English ideas and institutions, the democratic ideal, economic forces, the political party system, personal leadership, and other factors. Lectures, assigned readings, reports, and class discussions. Clark. Daily at 11 a. m. Room 111. *Three hours.*

110. *Europe Since 1918.* The course will begin with the Armistice, then take up the Settlement at Versailles, and lastly post war conditions and problems in Great Britain, France, Germany, Russia, Italy, the states of the former Austro-Hungarian Empire and the Balkans. Barnes. Daily at 8 a. m. Room 111. *Three hours.*

115. *Oregon History.* Designed primarily for those who are expecting to teach the subject in the schools. The history of the Pacific Northwest area from the time of the early discoveries and explorations, with special reference to this state. Text and assigned readings. Down. Daily at 11 a. m. Room 114. *Three hours.*

*162s. *England in the Eighteenth Century.* Will stress the social life and changes, the industrial and agricultural revolutions, and the development of cabinet government. Wars in Europe and in the colonies, and relations with other countries will be dealt with only when they affect the internal history of England. Barnes. Daily at 9 a. m. Room 111. *Three hours.*

JOURNALISM

Professor Powers

40. *Writing for the Press.* Training for spare time writing; handling public information for organizations and associations; supervision of school publications and editing of leaflets, bulletins, and news letters. Technique of the news story and application of its principles to features, technical and statistical stories, interviews, sketches, and reports of

meetings and conventions. The point of view will be that of the correspondent writing for many papers, rather than that of the reporter writing for one. Assignments will be written with a view to publication in the *Summer Sun*, the Portland and State papers. Daily at 9 a. m. Room 112. *Three hours.*

MUSIC

Mr. Boyer, Mr. Goodrich

1. *Methods in Teaching Public School Music.* The purpose of the course is to show how musical knowledge is adapted to the needs of the public school. Ways of arousing and holding interest. Songs for the unification of voices. Development of the sense of pitch and rhythm through rote singing. Phrasing and interrelation. The various systems of music books and manuals used as texts. Staff notation. Boyer. Daily at 10 a. m. Room 108. *Three hours.*

2. *Song Interpretation.* Class singing, directing, interpretation of song material, and baton technique. To train teachers not so much to handle glee clubs, as to do their everyday class room singing in a more finished manner. Boyer. Daily at 11 a. m. Room 108. *Three hours.*

3. *Modern British Music.* Lectures on the Renaissance in British Music as illustrated by the lives and works of Sullivan, Mackenzie, Parry, Goring Thomas, Stanford, Cowen, Elgar, Delius, Bantock, Wallace, Edward German, Walford Davies, Coleridge Taylor, Holbrooke, Hurlstone, Vaughan Williams, Frank Bridge, Cyril Scott, Bell, Harty, Holst, and Arnold Bax. These lectures will be fully illustrated with selections on the Ampico of the works of the above named composers. Goodrich. Daily at 8 a. m. Room 108. *Three hours.*

4. *The Scope of Music.* Lectures on various aspects of the art of music. The raw material of music; origin of music as an art; the nature of beauty; the meaning of appreciation; some common fallacies about art; the place of music among the arts; melody; form; music and psychology; program music; musical criticism. Goodrich. Daily at 9 a. m. Room 108. *Three hours.*

PHILOSOPHY

Dr. Schaub

*101. *The Development of Morality.* A sketch of the development of the ethical consciousness, stressing the history of moral ideals and the conflict of standards within contemporary life. Daily at 11 a. m. Room 112. *Three hours.*

PHYSICAL EDUCATION

Mr. Krohn

1. *Physical Education.* Theory and practice of physical exercise in school and gymnasium. Dumb bells, wands and Indian clubs. Marching and apparatus work. Gymnasium administration. Daily at 12. Gymnasium. *One and one half hours.*

2. *Sports and Recreations.* Athletics and organized games for all grades. Basket ball, volley ball and playground ball. Folk dancing and group dances. Athletic efficiency tests. Daily at 1 p. m. Gymnasium. *One and one half hours.*

PLATOON LIBRARY COURSE

Miss Smith

10. *Children's Literature.* Intended for those planning to become library teachers of platoon schools, but is also of use to teachers in other types of schools who wish to make the best use of the school survey of the field of children's literature as follows: History of children's literature, readers and primers, illustrators, folk lore and fairy tales, myths and legends, hero stories, ballads, poetry, story-telling, animal stories, adventure, science, occupations and amusements, books for special days, great literature. Lectures, reports and discussions. Text: Terman and Lima's *Children's Reading*. Daily at 9 a. m. Room 106. *Three hours.*

POLITICAL SCIENCE

Dr. Williams

120. *Development of American Government.* This course will deal with the historical background of the Constitution, the principal characteristics of the Federal system, the functions of the President, Congress, and the Federal Courts and an analysis of the main powers of the Federal Government such as taxation, the control of interstate and foreign commerce and the conduct of foreign relations. Current problems in national politics illustrative of governmental principles will be given special emphasis. Daily at 10 a. m. Room 103. *Three hours.*

PSYCHOLOGY

Dr. Taylor

12s. *Beginning Psychology.* A discussion of "drives," the nervous system, sensation, emotion, association, memory, learning, perception, the will and the self as they bear on the problems of human behavior. Readings outside the text and a term paper will be required. Daily at 8 a. m. Room 105. *Three hours.*

*109s. *The Psychology of Learning.* A survey of the importance of "drive" or motivation in learning. An analysis of the learning process and a critical discussion of the "laws" of efficient learning. Lectures and reports. Daily at 9 a. m. Room 105. *Three hours.*

PUBLIC SPEAKING

Dr. Hoover

1. *Practical Speech Making.* Practical training in the preparation of informal talks suitable for professional, business and civic organizations. Daily at 10 a. m. Room 105. *Three hours.*

101. *Methods in Argumentation and Debate.* Discussion of the principles underlying argumentative discourse. Practical training in the analysis of public questions, in the logical organization of arguments, and in accuracy and ease in thinking and speaking during the course of a debate. Helpful to all public speakers. Special attention to needs of teachers and coaches of debating. Daily at 11 a. m. Room 105. *Three hours.*

ROMANCE LANGUAGES

Professor Warrington

1. *Elementary French.* To give students a working knowledge of French pronunciation; as wide, and at the same time as spontaneously available a vocabulary as possible; and a firm grasp of the essentials of French grammar. Conversation, dictation, prose composition, and the reading of elementary prose. Daily at 8 a. m. Room 115. *Three hours.*

2. *Second Year French.* A rapid review of grammar, advanced work in syntax, writing of short essays, and reading of typical works by modern authors. Conversational exercises will be based upon easy French narrative prose. The work will be conducted as far as possible in French. Daily at 9 a. m. Room 115. *Three hours.*

11. *Elementary Spanish.* To give students a knowledge of Spanish pronunciation; as wide a vocabulary as possible; a clear understanding of the essentials of Spanish grammar. Conversation, dictation, prose composition, and the reading of elementary prose. Daily at 11 a. m. Room 115. *Three hours.*

12. *Second Year Spanish.* To continue the student's training in the Spanish language and to give some knowledge of the more important phases of modern Spanish life. The work will consist of short themes based on the text read, furnishing an opportunity for the continuation of the study of syntax; of exercises in composition, description, etc.; of critical study of contemporary Spanish writers, and oral discussions. The class will be conducted, so far as possible, in Spanish. Open to students who have had one year of Spanish or the equivalent thereof. Daily at 10 a. m. Room 115. *Three hours.*

SOCIOLOGY

Dr. Parsons

1. *Elementary Sociology.* A beginner's course in the study of human association. Beginning with a study of the elementary forms of society and the nature and purpose of the simpler aspects of social organization, the study will proceed with the development of institutions and the analysis of the ways in which an advancing culture contrives to organize itself to meet the conditions imposed by higher civilization. Special attention will be given to the natural processes which have produced satisfactory social relationships in the past and the problems which arise when these begin to function improperly or break down altogether. This

will involve an elementary consideration of the nature and the function of such institutions as the family, the organization of authority, the nature and function of religious groups, property and education. Readings and discussions will accompany the lectures. Daily at 10 a. m. Room 107.

Three hours.

*151s. *An Introduction to Modern Social Problems.* An analysis of the Social Problem and its familiar manifestation in present day problems. Some consideration will be given to society's reactions to the problem in modern movements for social betterment. Daily at 11 a. m. Room 107.

Three hours.

APPLIED SOCIOLOGY

Miss Creech, Mrs. Dunbar, Miss Rich

1. *Institute for Tuberculosis Workers.* The institute has four main objectives: to assist workers already in executive positions in the tuberculosis field to assume positions of greater responsibility, or to be more useful in their present positions; to prepare for executive positions those who have not had experience in the tuberculosis field; to give to volunteer workers a more comprehensive knowledge of the administrative problems involved in this work to aid in the standardization of methods and programs of tuberculosis work. Students who take this course only may do so at a special fee of \$5. Those who are interested in taking the course should write to Mrs. Saidie Orr-Dunbar, 310 Fitzpatrick building, Portland, Oregon, or to the Portland Center office, 212 Medical Arts building, Portland, Oregon. Dunbar. Daily at 10 a. m. Room 116. *Three hours.*

NOTE: This course will be given the first two weeks of the summer session.

2. *Advanced Case Work Institute.* The institute will consist of lectures, reading assignments and discussion. It is open to trained or experienced case workers. It is desirable that there be a representative group of workers from fields of public health, probation work, court work, rural and family case work, in order to provide an interesting background for discussion. Rich. Daily at 10 a. m. Room 116.

NOTE: This course will be given the third week of the summer session, beginning July 5th.

3. *Field Work in Family Case Work.* Training in the solution of family problems is a basis of other fields of social service. Open only to those who have had Methods in Social Case Work. Creech. Daily at 8 a. m. Room 113.

Five hours.

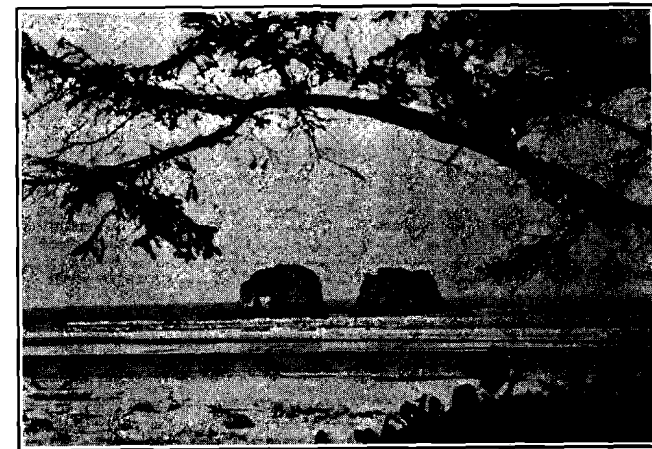
160. *Applied Sociology for Teachers.* Analysis and discussion of those social problems which occur most frequently in communities not served by trained social workers or in which social workers are badly in need of intelligent cooperation. The teacher is instructed in the simpler methods of procedure in problems of health, poverty, delinquency and child-welfare. These will be studied in relation to the schools, and the

student will be introduced to the various state and private agencies whose assistance is available. Appropriate books on applied sociology will be discussed with a view to their addition to school libraries. The course will stress the importance of developing community interest in social problems. Creech. Daily at 9 a. m. Room 113.

Three hours.

ANNOUNCEMENT

A Short Course on Parent-Teacher Work will be given by the members of the State Board from June 21 to June 25 inclusive, from 1 o'clock to 4 o'clock daily, in the Story Hour room of the Central Library. The course will be open to superintendents, teachers, parents, members of school boards, leaders in parent-teacher work, and others interested in this movement. No credit. Those who take this only may do so at a special fee of \$1.



On the Oregon Coast

Portland Summer Session Schedule of Courses and Rooms

8 a. m.

Elementary German.....	Schmidt	104
Beginning Psychology.....	Taylor	105
Modern Drama.....	Chittick	107
Modern British Music.....	Goodrich	108
Educational Liberals.....	Benjamin	110
Europe Since 1918.....	Barnes	111
Field Work in Family Case Work.....	Creech	113
Elementary French.....	Warrington	115
Handwork for Schools.....	E. Wuest	301
General Biology.....	Peck	316

9 a. m.

International Economic Policies.....	Williams	103
German Literature.....	Schmidt	104
The Psychology of Learning.....	Taylor	105
Children's Literature.....	Smith	106
American Literature.....	Chittick	107
The Scope of Music.....	Goodrich	108
Methods of Instruction.....	Benjamin	110
England in the Eighteenth Century.....	Barnes	111
Writing for the Press.....	Powers	112
Applied Sociology for Teachers.....	Creech	113
General Geology.....	Saunders	114
Second Year French.....	Warrington	115
Advanced Design and Representation.....	I. Wuest	301
Bird Study.....	Peck	316
Form in Decoration.....	E. Wuest	317

10 a. m.

Institute for Tuberculosis Workers (June 21-July 3).....	Dunbar	102
Advanced Case Work Institute (July 5-9).....	Rich	102
National Government.....	Williams	103
Teaching of Modern Languages.....	Schmidt	104
Practical Speech Making.....	Hoover	105
Advanced Written English.....	Jordan	106
Elementary Sociology.....	Parsons	107
Methods in Teaching Public School Music.....	Boyer	108
Platoon Auditorium.....	Harter	110
History of the United States from 1850 to 1877.....	Clark	111
History of Education.....	Schaub	112
The Development of the Novel.....	Day	113
Historical Geology.....	Saunders	114
Second Year Spanish.....	Warrington	115
Educational Psychology.....	Torgerson	116
Crafts.....	Krebs	301
Platoon Nature Study.....	Sweetser	316

11 a. m.

Advanced German.....	Schmidt	104
Methods in Argumentation and Debate.....	Hoover	105
Short Story Writing.....	Jordan	106
An Introduction to Modern Social Problems.....	Parsons	107
Song Interpretation.....	Boyer	108
Special Activities.....	Harter	110
Forces and Influences in American History.....	Clark	111
The Development of Morality.....	Schaub	112
Poetry Since the War.....	Day	113
Oregon History.....	Down	114
Elementary Spanish.....	Warrington	115
Tests as an Aid in Improving Instruction.....	Torgerson	116
Introduction to Systematic Botany.....	Sweetser	316

12 m.

Physical Education.....	Krohn	Gym
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1 p. m.

Sports and Recreations.....	Krohn	Gym
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