THE UNIVERSITY OF OREGON

EUGENE PORTLAND

PORTLAND EXTENSION CENTER

ANNOUNCEMENTS

1921-1922

COURSES IN

Literature, Science and the Arts	Education
The Graduate School	Medicine
Architecture and Allied Arts	Music
Business Administration	Social Work

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FACULTY OF THE PORTLAND CENTER

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PHILIP A. PARSONS, Ph.D. ..... *Professor of Sociology, U. of O., Director Portland School of Social Work*
MARY H. PERKINS, M.A. ..... *Professor of English, U. of O.*
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N. B. ZANE, (Drexel Institute, Philadelphia) ..... *Art Instructor, Portland Public Schools*
KIMBALL YOUNG, M. A. ..... *Assistant Professor of Psychology, U of O.*

PORTLAND EXTENSION CENTER

GENERAL INFORMATION

The extension service of the University of Oregon in Portland is carried on through the medium of the Portland Center of the University.

The courses of study offered in the Portland Center are intended to be of a standard college or university grade. They are intended literally to signify *University Extension,* and the work is planned to be as strenuous and mature as in the regular college or university course. At the same time, the aim is to reach all who are able and have the desire to profit. Accordingly, no formal requirements of admission are set up, but only the desire and capacity to follow the work successfully.

The Portland Center divides its teaching activities for each academic year into three terms and a summer session. The dates correspond to those at Eugene. For the academic year 1921-1922 they are: Fall Term, September 26-December 17; Winter Term, January 2-March 25; Spring Term, April 3-June 17; Summer Session, about June 19, 1922. Terms are of 12 weeks each; the Summer Session is 6 weeks.

The Portland Center office is at 652 Courthouse. The telephone number is Main 3575. Executive details of all Portland classes, including registration and payments of fees, are handled from this office. Office hours are from 9 a. m. to 1 p. m.

For location of the several classes, look under the description of those classes in this announcement.

University credit is granted in all Portland classes, unless exception is made, and is counted as resident credit toward the appropriate degree. In a large number of subjects, the program of studies is sketched to cover a period of three years. The purpose of this is to enable the student better to plan his studies in

the given subject, and to enable him to arrive at a more complete and coherent result in his work.

A small registration fee is charged each term. The usual amount of this fee is $5.00 and is the same irrespective of the number or kinds of courses taken. The exceptions are; (1) that persons electing the full work of the Portland School of Social Work, as described in a separate bulletin, pay $10.00 per term; (2) that small extra charges for laboratory materials may be made in connection with certain courses; and (3) that the University reserves the privilege of charging extra fees in a few very special courses, such as require a large amount of individual attention to the student.

The registration fee is payable *on or before the end of the second week of the term.* Students making remittance by mail should be careful to list the course or courses taken, and to give address, telephone number and occupation.

The University reserves the right to discontinue any course because of smallness of enrollment. Student's fees are not expected to meet the cost of courses, but the University cannot feel justified in continuing classes that fall below a reasonable minimum size.

SERVICE TO CLUBS AND SOCIETIES

So far as its facilities admit, the University of Oregon adopts the motto of going where the classes are. Wherever any association or group of persons will organize themselves into a class, the University will endeavor to furnish the teaching for the class; provided, (1) that the class is organized for purposes of serious work; (2) that the work undertaken is of collegiate (in distinction from secondary or primary) grade; and (3) that the class will each term pay the equivalent of twelve individual term-fees, i. e., a total of $60.00. The payment of these fees will entitle a total of twelve members of the class to be enrolled as regular members of the Portland Center, to elect any courses offered, and to gain University credit for work duly completed, including that of the special group from which they enroll.

COLLEGE OF LITERATURE, SCIENCE AND THE ARTS

ANATOMY

Professor FOSTER

1a. A study of the cells, tissues and organs of the human body and their general embryology. Monday 7:15. Room F, Central Library. *Two hours, fall term.*

1b. Gross anatomy will be taken up by systems, human osteology, myology, blood-vascular, etc. Practical application will be discussed throughout the course. Monday 7:15. Room F, Central Library. *Two hours, winter term.*

ART

See courses offered by School of Architecture and Allied Arts.

BACTERIOLOGY

See courses offered by School of Medicine under Bacteriology.

BUSINESS ADMINISTRATION

See courses offered by School of Business Administration.

CHEMISTRY

Mr. THIENES

1. GENERAL CHEMISTRY. The fundamental conceptions of chemistry will be studied, the elements of the atomic, typical chemical reactions, the ionic theory, electrolysis. Lectures and laboratory. Monday 7:15. Medical School Laboratory.
Two hours, three terms.

2. GENERAL CHEMISTRY. Course 1 a prerequisite. Lectures, descriptive chemistry, the source and properties of the elements and their important compounds. Laboratory work in elementary analysis. Wednesday 7:15. Medical School Laboratory.
Two hours, three terms.

101. ANALYTICAL CHEMISTRY. To be offered in 1922.

DECORATION, INTERIOR

See courses offered by School of Architecture and Allied Arts, under Art.

DRAWING

See courses offered by School of Architecture and Allied Arts.

EDUCATION

See courses offered by School of Education.

ENGLISH LITERATURE AND RHETORIC

(See also Literature, General)

Professor MABLE HOLMES PARSONS Assistant Professor PERKINS

1. RHETORIC. ENGLISH USAGE AND COMPOSITION. The study of modern English usage in grammar, punctuation, sentence structure and choice of words. Some composition work is required and attention is given to the fundamental principles of writing. Textbook: Century Handbook of Writing, Greever and Jones. Professor Perkins. Friday 7:15. Room A, Central Library.
One hour, three terms.

2. RHETORIC. THEME WRITING. A course in which the emphasis is placed upon the effective organization and presentation of thought. Weekly themes of various types and of some length are expected. Students who feel themselves deficient in the subject-matter of Course 1 are advised to take that course for the fall term before applying for admission to course 2. Textbook: Writing of Today, Cunliffe and Lomer (2nd Edition). Professor Perkins. Friday 8:15. Room A, Central Library.
One hour, three terms.

3. RHETORIC. HISTORY OF THE ENGLISH LANGUAGE . A study of the development of the English Language from the Early English Period to the present day. The sources of our modern grammar, spelling, pronunciation and vocabulary. Lectures, reports and outside reading. Professor Perkins. Saturday 11 A. M. Room A, Central Library. *One hour, three terms.*

101. RHETORIC. SHORT STORY. A course designed for students whose interest in the short story is sincere and practical, and who are willing to acquire knowledge of the short story through practice in writing it. Professor Parsons. To be offered in 1922.

102. RHETORIC. MAGAZINE WRITING. The instructor, in the capacity of editor, will receive, revise and discuss with the class manuscripts of short stories, one-act plays, poetry, or "features" of the magazine type. "Models" will be read and given class consideration. Registration for this class will presuppose in the student a practical acquaintance with English Composition. Professor Parsons. Monday 7:15. Room H, Central Library.

Two hours, three terms.

1. LITERATURE. OUTLINES OF ENGLISH LITERATURE. A survey of English Literature from early to recent dates with respect not only to literary forms and values but also to historical bearing and period significance. Designed to furnish the background and perspective necessary for a more detailed and intensive study of special phases of English thought and expression. Professor Parsons. Thursday 7:15. Room F, Central Library.

Two hours, three terms.

101. LITERATURE. ELIZABETHAN LITERATURE. Consideration of the contributions of Kyd, Lyle, Marlow, Peele, Greebem Chapman, Johnson, Dekker, Webster, Beaumont and Fletcher, Sidney, Daniel, Spenser. Professor Parsons. To be offered in 1922.

102. LITERATURE. SHAKESPEARE. A course which will afford an intensive study of Shakespeare's poetry, his drama, his stage technique, the personnel of the group of players with whom the poet was identified, and the larger relations and values of his work. This course was initially announced as a course to follow Elizabethan Literature, offered 1920-1921, but it will be open to any students who have completed at least two general courses in English Literature. Professor Parsons. Tuesday 7:15. Room H, Central Library. *Two hours, three terms.*

103. LITERATURE. ENGLISH NOVEL. Designed to follow last year's course in Modern English Novel, but open to students who

have completed at least one general course in English Literature, or who can satisfy the instructor that an equivalent has been covered. The course will afford a more advanced and intensive study of the English Novel as a form of art, viewed in the light of its historic development in relation to the concurrent movements in English Literature, thought and society, and with a regard also to the evolution of the novel among other peoples. Professor Parsons. Saturday 9:30 A. M. Room H, Central Library. *Two hours, three terms.*

104. LITERATURE. NINETEENTH CENTURY ENGLISH POETS. Wordsworth, Coleridge, Byron, Shelly, Keats, Landor, Tennyson, Browning, Arnold, Rossetti, Morris, Swinburne. Professor Parsons. To be offered in 1922.

201. LITERATURE. ENGLISH SEMINAR. Especially designed for graduate students majoring in English, but open to advanced undergraduates who can satisfy the instructor as to proficiency. In this course, each student will follow a special line of interest and research and from time to time make report as to his progress and the results of his investigation. Reports will be followed by class discussion. A thesis at the end of the year will be required. Professor Parsons. Friday 6:15. Room F, Central Library. *Two hours, three terms.*

FRENCH

(See Romance Languages)

GENERAL LITERATURE

(See Literature, General)

GEOGRAPHY

See courses offered by School of Business Administration, under Foreign Trade.

HISTORY

Professor CLARK

1. MODERN EUROPEAN HISTORY. The Period covered will be that since 1815. The rise of democracy, growth of nationalism,

formation of European states, expansion of Europe, causes and results of the Great War will be among the topics considered. Text: Schapiro, Modern and Contemporary European History. Friday 7:15. Room H, Central Library. *One hour, three terms.*

2. Representative Americans. A study of American leaders who have had a part in the formation of the thought, institutions and development of the country. Those of each period will be grouped together and the conditions of their time, their problems, and achievements will be considered. Friday 8:15. Room H, Central Library. *One hour, three terms.*

INTERIOR DECORATION

See courses offered by School of Architecture and Allied Arts, under Art.

ITALIAN

(See Romance Languages)

LITERATURE, GENERAL

Professor Bates

101. Philosophical Dramatics. The Book of Job, Aeschylus, Sophocles, Euripides, Aristophanes, Shakespeare, Moliere, Goethe, Schiller, Hugo, Landor, Browning, Swinburne, Ibsen, Strindberg, Andreiev. Saturday 7:15. Room H, Central Library. *One hour, three terms.*

102. Philosophical Fiction. Gottfried von Strassburg, Cervantes, Defoe, Fielding, Voltaire, Rousseau, Balzac, Flaubert, Zola, Dosteovsky, Tolstoi, Meredith, Hardy, Anatole France. To be offered in 1922.

103. Contemporary Drama. Suderman, Hauptmann, Wedekind, Schnitzler, d'Annunzio, Galdos, Benevente, Maeterlinck, Brieux, Synge, Barrie, Shaw, Galsworthy, Hankin, Barker, Drinkwater. Saturday 8:15. Room H, Central Library. *One hour, three terms.*

104. Contemporary Fiction. Couperus, Gorki, Artzibashev, Ibanez, Rolland, Barbusse, Moore, Wells, Bennett, Galsworthy, Henry James, Dreiser, Cabell, Lawrence, Lewis, Joyce. To be offered in 1922.

MATHEMATICS

Professor Price

1. Elementary Analysis. Open to students who have had one year of algebra and one of geometry. Elementary trigonometry is an advantage but is not required. A combined course including the elements of algebra, analytical geometry and trigonometry. The idea and the notation of the calculus will be introduced early in the course. Text: Griffin's Elementary Analysis. Wednesday 7:15. Room E, Central Library.

Two hours, three terms.

2. Elementary Analysis. (Continuation of Course 1). To be offered in 1922.

3. Differential and Integral Calculus. A short course in the technique of differentiation and integration with applications of the subject to engineering and science. An elementary knowledge of trigonometry and analytical geometry is necessary for those who take this course. Text: Davis' Calculus. Wednesday 7:15. Room E, Central Library. *Two hours, three terms.*

MUSIC

See courses offered by School of Music.

PAINTING

See courses offered by School of Architecture and Allied Arts.

PHILOSOPHY

Professor Rebec Professor Mable Holmes Parsons

103. Philosophy of History. The Conflict of Ideals in History. "The War between Europe and Asia;" Classical Greece, the Hellenistic Age, Rome, Israel, Christianity; "This World vs.

Other World," the Middle Ages; The Modern World,—Renaissance, Religious Reaction, The Classical Age, Revolution and Romanticism, the Nineteenth Century. Lectures, discussions and assigned reading. In a course like this, dealing with the emergence, struggle, and influence of ideals, the reading of certain representative masterpieces of world literature is indispensable and will be required of the student. Two hours, first hour being given to the lecture, the second to class-reports and discussion. Professor Rebec. Monday 7:30. Story Hour Room, Central Library. *Two hours, three terms.*

104. AESTHETICS. A survey of the philosophy of the beautiful, historically and comparatively, with a view to arriving at deductions or universals that may satisfy and enlarge the experience and consciousness of beauty. Professor Parsons. To be offered in 1922.

PHYSIOLOGY

Professor BURGET

1. A course of lectures on digestion, metabolism, secretions, nutrition and vitamines. The course will be primarily for nurses and teachers of physiology in the grades and high school. Wednesday 7:15. Room H, Central Library. *Two hours, fall term.*

2. Metabolism, nutrition, vitamines, body temperature and central nervous system. Pre-requisite, Course 1. Wednesday 7:15. Room H, Central Library. *Two hours, winter term.*

PSYCHOLOGY

Professor KOHS Miss HAGER

Assistant Professor YOUNG

1. GENERAL PSYCHOLOGY. Lectures, discussions and classroom demonstrations covering the principles involved in such mental phenomena as attention, sensation, memory, reasoning, instinct, emotion, etc. A brief survey of the nervous system and its relation to consciousness. The course will also present a bird's eye view of the relation of psychology to advertising, law, medicine, social work, eugenics and vocational guidance. Texts:

Breese, Psychology; Hollingworth and Poffenberger, Applied Psychology. Miss Hager. Monday and Wednesday 7:15. Room B, Central Library. *Two hours, three terms.*

2. Experimental Psychology. A course which is designed to demonstrate principles of psychology studied in Course 1 and open only to those who have had Course 1 or its equivalent, or are now taking Course 1. Simple experiments in habit formation, sensation, perception, attention and other phases of conscious behavior will be performed. No preparation is required for this course but detailed notes for each experiment must be handed in each week. Registration must be limited to twenty. Laboratory fee $2.00 each term, and a small fee for the laboratory manual which is furnished by the Department. Miss Hager. Tuesday 7:15. Room B, Central Library. *One hour, three terms.*

3. Vocational Psychology. An elementary course dealing with the applications of psychology to vocational guidance and vocational selection in business, industry and in educational institutions. The particular emphasis, however, will be upon the uses of psychology in the modern economic world. Special topics will follow, in part, the needs of the class; but a tentative outline includes:

(a) The historical, unscientific attempts at vocational guidance and choice of employments: phrenology, palmistry, "character analysis," and other such unsatisfactory methods.

(b) The applications of psychological research to the study of human traits valuable in the modern economic order: rating schemes, studies of Self, ratings by associates, and the vocational value of such.

(c) The present use of psychological tests in industry and business; critical analysis of same, the probable place of such methods in present movements of employment management. No prerequisites, but general psychology desirable. Professor Young. Thursday 7:15. Room B. Central Library.

One hour, three terms.

101. Social Applications of Psychology. A seminar course in which the principles of human behavior are applied to such phases of social inadequacy as insanity, feeblemindedness, criminality, prostitution, vagrancy, pauperism, etc. The first

term will be largely devoted to problems of personality, with special emphasis on the volitional, instinctive and emotional life of the individual in his relation to society. Members of the class will be expected to read extensively and bring in reports on assigned topics. Miss Hager. Monday and Wednesday 8:15. Room B, Central Library. *Two hours, three terms.*

102. Special Problems in Employment Psychology. (For description see Course 102, School of Business Administration, under Psychology).

103. Mental Hygiene. The purpose of the course is to outline the technique of individual mental adjustment to the complexities and difficulties of daily life. The following are some of the subjects treated: the nature and importance of the sympathetic nervous system; the glands of internal secretion; the integration of mental processes; economy and technique of mental work; mental conflicts; the psychological effects of success and failure; the hygiene of sleep, rest and play; superstition, prejudices, mental habit, fears and phobias; neuroses and psychoses; disturbances of personality; sublimation; the psychology of Adler, Freud and Jung; sex hygiene in relation to mental health, moral development and misconduct; hygiene of adolescence; rules of mental hygiene. Professor Kohs. Thursday 7:15. Room E, Central Library. *One hour, three terms.*

PUBLIC HEALTH

See courses under Sociology.

PUBLIC SPEAKING

Mrs. Senn

1. Fundamentals of Public Speaking and Interpretation. This course includes the elementary training of voice and body, development of the expression of the individual personality, and vocal interpretation of literature. The endeavor is made to show the student the means of translating his thoughts and feelings into effective speech. Practical exercises will be given in voice culture, articulation, enunciation, poise and gesture. If numbers

warrant, this class will be offered in two sections. First Presbyterian Church House, first division Monday 7:15, second division Wednesday 7:15. *Two hours, three terms.*

2. Principles of Voice. The voice depending upon the coordination of all parts of the vocal organs, the student in this course will be taught the theory of voice; the anatomy of the vocal organs; practical exercise to control and develop the essential vocal muscles; how to develop the modulated, full carrying voice with high and low tones; practical instructions on how to speak at length and yet be free and loose about the throat; the way to control the chest and diaphragm muscles; practical exercises in correct breathing and articulation; the most natural and easy position of the body for public speakers. If numbers warrant this class will be offered in two sections. First Presbyterian Church House, first division Monday 6:15, second division Wednesday 6:15. *Two hours, three terms.*

3. Course for Salesmen and Professional Men. (See course offered by School of Business Administration, under Public Speaking).

4. Practical Course in Extempore Speaking. To develop the power to think when upon the feet, and to secure a vocabulary of delivery as well as of words. The student will receive practical exercises and studies to help him achieve a logical method of thought and presentation and a control of feeling, useful to awaken in him a true ideal of oratory, as well as for extempore talks and discussions. First Presbyterian Church House. Wednesday 8:15. *One hour, three terms.*

5. Argumentation and Debate. Study and application of the principles of argumentation. Questions of the day studied and discussed. The aim is to develop, especially in the extempore speaker, the skill and habit of logical analysis, discrimination and structure. This course presupposes at least Course 1, 3 or 4. Monday 6:15. First Presbyterian Church House.

One hour, three terms.

6. Dramatic Interpretation. Advanced course. A study of deliberate and spontaneous attention to the development and

control of imagination and emotional energies. Artistic spontaneity, which is a co-ordination of the deliberative and the impulsive, is the deepest problem in the development of expression. This course will include the vocal interpretation of masterpieces from Shakespeare, Browning, etc., as well as poetry and prose from the later writers. Tuesday 7:15. First Presbyterian Church House. *One hour, three terms.*

101. ORATORY. Study of methods of oratorical address and sources of power. Structure of the oration; qualities of the good oration; the preparation and delivery of speeches. Study of representative orations. An advanced course presupposing not only Courses 4 and 5 for Public Speakers, but also at least fundamental Courses 1 and 2. To be offered in 1922.

102. ADVANCED COURSE FOR PUBLIC READERS. Public reading as a fine art. In the work of the platform the reader or lecturer occupies the center of attention and must be able to awaken and sustain interest without the help of fellow performers, scenery, or any of those other accessories which lighten or at least differentiate the task of the ordinaary stage interpreter. The art is therefore a difficult one with very special problems of its own. To further the work of the course, formal and informal recitals affording practical platform experience will be given. To be offered in 1922.

103. IMPERSONATION. Pantomimic problems; story-telling in all its forms, from simple after-dinner stories to dramatic and epic narration. To be offered in 1923.

104. ADVANCED VOCAL STUDY AND HARMONIC TRAINING OF THE BODY. Progressive vocal exercises based on physiological and psychological principles. A study of assimulation, dramatic instinct, tone color and movement of the higher expressive modulations of the voice. Development of grace and ease in relation to expression; co-ordination of voice and body; difference between organic and psychological training of the body. Because of the large amount of individual attention required, a special fee of $5.00 per term will be charged for this course. Tuesday 6:15. First Presbyterian Church House. *One hour, three terms.*

105. Acting and Stage Directing. Practice course in acting and play directing. One-act plays and scenes from longer plays will be rehearsed. Students will be given the opportunity to act a part and, when sufficiently advanced, to direct a rehearsal. Students will be drilled in the technique of character portrayal, management of voice and body in acting, etc. Groups of plays will be publicly presented. Admission only by special permission. Because of the large amount of individual attention required, a special fee of $5.00 per term will be charged for this course. Tuesday 7:15. First Presbyterian Church House.

Three hours, three terms.

ROMANCE LANGUAGES

French

Madame Frost Professor Warrington

1. Beginning French. Careful study of the main facts of French grammar with practice in pronunciation. Reading of easy French prose. French will be used as the language for conducting the course at as early a date as possible. Madame Frost. Tuesday and Thursday 8:15. Room G, Central Library.

Two hours, three terms.

2. Second Year French. A course in French syntax with exercises in composition and oral practice. Readings from standard French authors. To be conducted in French. Madame Frost. Thursday 7:15. Room G, Central Library.

One hour, three terms.

101. 17th Century French Literature. A general survey of the period, with intensive study of the chief works of a number of the most representative writers. Madame Frost. Tuesday 7:15. Room G, Central Library. *One hour, three terms.*

French for Practical Affairs. (See courses offered by School of Business Administration, under Language, Commercial).

Italian

Mr. Re

1. Beginning Italian. A careful study of Italian grammar, simple reading and conversation. Italian will be used as much as possible in the conducting of the class. Saturday 7:15. Room E, Central Library. *One hour, three terms.*

Spanish

Professor Warrington

101. Advanced Italian. Composition, conversation, reading and discussion of texts, with occasional lectures on topics relating to Italian civilization. Course to be conducted almost entirely in Italian. Saturday 8:15. Room E, Central Library. *One hour, three terms.*

1. Spanish I. The aim of this course is to give a foundation in the rudiments of the Spanish language. Pronunciation and the fundamental rules of syntax will be taught by means of oral drill and written exercises. The reading of a simple text will be taken up early in the course and will furnish the basis for conversation. Tuesday and Friday 7:15. North Gallery, Central Library. *Two hours, three terms.*

2. Second Course in Spanish. This course consists of a rapid review of grammar, advanced work in syntax, writing of short essays and reading of typical works by modern authors. Conversational writing exercises will be based upon easy Spanish narrative prose. The work will be conducted, as far as possible, in Spanish. Tuesday and Friday 8:15. North Gallery, Central Library. *Two hours, three terms.*

101. Advanced Spanish. Survey of Spanish Literature. The development of Spanish Literature from the "Cantar de Mio Cid" and "Misterio de los Reyes Magos" to and including Antonio Machado, Benavente, Ibanez, Vllaespesa, Alas, Baroja, Sierra and other present-day writers.

Fall Term. Medieval Period and first part of the "Golden Age" (XII-XVI).

Winter Term. Concluding the "Golden Age" period. The 19th Century.

Spring Term. Contemporary Literature.

Wednesday 8:15. North Gallery, Central Library.

One hour, three terms.

FRENCH CLUB. The French Club of the University of Oregon Portland Center will be continued by Professor Warrington as a Round Table for the discussion, in French, of French commercial problems.

SPANISH CLUB. The Spanish Club of the University of Oregon Center will be continued. All members of the Spanish classes are cordially invited to attend.

SOCIOLOGY

(See also courses offered by School of Social Work)

Professor P. A. PARSONS — Professor KOHS
Mr. GRANT — Professor THOMSON

1. ELEMENTS OF SOCIOLOGY. An introductory course in Social Principles. Professor ..... *Two hours, three terms.*

3. HEALTH EDUCATION. The increasing emphasis that is being placed on the importance of teaching health subjects in the elementary schools is making a growing demand for teachers who have an understanding of the principles of school and child hygiene. The aim of this course is to show how health may be conserved by stimulating an interest in the formation of good health habits. A study will be made of the causes underlying malnutrition, recent discoveries in food values, use of corrective exercises, value of rest and normal weight in relation to height. Some time will be devoted to major and minor contagion, early symptoms, epidemics, health legislation, local and state health bureaus. Professor Thomson. Monday 7:15. Central Library.

One hour, three terms.

4. THE SEX LIFE OF MAN. A course for men. This course is arranged to meet the demand for scientific information concerning sex and heredity. The relationships between the sexes

will be scientifically and frankly treated as they affect the individual, the home, the various other social groups and the race. The course will be of value primarily to young men who have entered or who contemplate entering the marriage relation and anticipate the rearing of a family. A normal amount of selected reading will be required. For those desiring it, there will be opportunity for discussion after each lecture. Mr. Grant. Tuesday 7:15. Room C, Central Library. *One hour, fall term.*

6. General Public Health Nursing . This course is designed for senior students in nurses' training schools. It treats in lectures and discussions the development of public health nursing and its various phases: home nursing, infant and child welfare, school nursing, mental and social hygiene, industrial nursing and the nurse in relation to family case work. As an introductory study in public health nursing it aims to present the subject in such a way as to be of interest to all nurses and of special value to those who may later enter schools of social work. Professor Thomson. Wednesday 7:15. Room C, Central Library. *Two hours, three terms.*

103. General Problems of Child Welfare. (See courses offered by School of Social Work).

104. Juvenile Misconduct. Discussing the psychological roots back of juvenile misconduct of all types, beginning with the ordinary violations of discipline at home to the extreme forms of delinquent social behavior manifest in school and on the streets. Analysis of individual instances of misconduct will be made. Professor Kohs. Thursday 8:15. *One hour, three terms.*

105. Sex Problems in Education and Social Work. A course for teachers and social workers. This course has been prepared to open up for those interested a broad field of social endeavor that is coming into prominence and for which many trained workers will be needed. The course will trace the development of the sex life of man and of the social customs related thereto. Special emphasis will be given the educational work needed to help society solve the problems discussed. Mr. Grant. Tuesday 8:15. Room C, Central Library. *One hour, three terms.*

106. Social Problems Seminar. Seminar methods, assignments of topics, readings, reports, discussions. Open to graduate students and required of seniors in the School of Social Work. Persons wishing to take advantage of the lectures and discussions without working for University credit may do so by paying the customary registration fee. The first term will be devoted to lectures on research methods, trial outlines and preliminary papers. The second term will be given to the selection of topics for theses, preparation of outlines and bibliographies. During the third term the student will write on his chosen subject and report progress periodically. Credit will be given only for the completed course. Professor Parsons. Tuesday 7:15. Room E, Central Library. *Two hours, three terms.*

THE GRADUATE SCHOOL

It is possible, in a number of departments in the Portland Center, to accomplish the whole work for the degree of Master of Arts, and in other departments to accomplish at least some portion of that work. The advanced degree cannot be earned by the mere completion of a certain number of specific courses and hours, but demands the satisfactory covering of a major and minor *field*. It is necessary, therefore, for the student looking towards the Master's degree in distinction from the mere earning of incidental graduate credits, to elect his major and minor lines of study, to get in touch with his "major professor," and, in consultation with the latter, plan out his whole program of work, and afterwards carry it through under the advice and direction of the latter. In the Portland Center, where, because of fewness of appropriate courses offered, so much of the student's work must be done individually, these conferences between him and his major professor—and his minor professor as well—should be frequent and regular.

For details see special bulletin of the Graduate School.

Any course in the Portland Center bulletin numbered 200 and upwards is designed expressly for graduate students.

Upper division courses, i. e., those numbering from 100 to 199, may be elected for graduate credit, provided the student registers as a graduate student and is entitled so to register, and provided he does the additional advanced work required of graduate students beyond the ordinary undergraduate requirements of the course.

Graduate credit is not given for lower division courses, i. e., those numbering from 1 to 99.

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. The dean of the Graduate School may be consulted there, and all ordinary routine information secured.

SCHOOL OF ARCHITECTURE AND ALLIED ARTS

ARCHITECTURE

Professor ADAMS

1. GRAPHIC STATICS. Methods of finding the amount of stress present in the different parts of framed structures, such as trusses, machinery, etc., are worked out graphically, thus requiring no previous mathematical preparation. This is a very helpful course for anyone interested in structural work in which the design of the structure depends upon the correct determination of the stresses and strains that exist within the different members of the frame. Practical methods are worked out for finding stresses in trusses subject to moving loads, as for example, railroad and highway bridges. Saturday 7:15. North Gallery, Central Library. *One hour, three terms.*

2. ELEMENTARY STRUCTURAL DESIGN. This course deals with the proper proportioning of sizes of structural members so that they may safely resist the stresses they are called upon to carry. It furnishes a very necessary part of the foundation knowledge that all structural designers must have. Applications are made to beams and trusses of both wood and steel, machine parts, plate girders, reinforced concrete, etc. Saturday 8:15. North Gallery, Central Library. *One hour, three terms.*

ART

Professor FAIRBANKS Mr. ZANE

1a. DESIGN AND COMPOSITION. PART 1. Consideration of the general principles underlying design and composition and their relation to each other. Study of the fundamental principles of proportion, arrangement and spacing of line and mass as a basis for decoration. Problems developing art structure, originality and freedom of expression. Study of light and dark, tone relations and balance. Mr. Zane. Tuesday 7:15. Lincoln High School. *One hour, fall term.*

1b. DESIGN. PART 2. Natural forms as a basis of decoration. Analysis of natural forms for the study of orderly arrangement, construction and composition of decorative and conventional design. Problems to include the fundamental principles governing line, form, tone and color relations. Principles of conventionalization and adaptation. Methods of interpretation. Mr. Zane. Tuesday 7:15. Lincoln High School.

One hour, winter term.

1c. DESIGN. PART 3. Color. A systematic development of the subject of color, including color standards, appearances and harmonies. The technique and use of the various mediums used in the representation of color. Problems in the combination of materials for the various color harmonies. A study of color in pictorial and decorative art, by use of examples of prints, painting and textile materials. Mr. Zane. Tuesday 7:15. Lincoln High School. *One hour, spring term.*

2a. REPRESENTATION. PART 1. Study of the laws governing the appearance of form. Freehand perspective. This course to include the fundamental principles of representation, with application of these principles to freehand drawing of objects and nature subjects. Mr. Zane. Tuesday 8:15. Lincoln High School.

One hour, fall term.

2b. REPRESENTATION. PART 2. Structural drawing. Application of the principles governing the appearance of form to the drawing of objects. Perspective of interiors and exteriors of buildings. Sketching and memory drawing. Mr. Zane. Tuesday 8:15. Lincoln High School. *One hour, winter term.*

2c. DESIGN. PART 4. Lettering. Fundamental principles of letter construction. Types and styles of letters and the development of standard alphabets. Lettering for commercial and decorative purposes. Manuscript writing and illumination. Mr. Zane. Tuesday 8:15, Lincoln High School. *One hour, spring term.*

3a. REPRESENTATION. PART 6. Painting in oil. Theory and practice. Problems in the harmony of color and balance of values. Structure in landscape painting. How to select from nature. Effect of changes in values. Composition and interpretation of

subjects for decorative painting. Mr. Zane. Thursday 7:15. Lincoln High School. *Two hours, fall term.*

3b. REPRESENTATION. PART 7. Oil painting (advanced). Problems in color composition. Pictorial and decorative interpretation. Technique of medium and methods of rendering. Mr. Zane. Thursday 7:15. Lincoln High School.
Two hours, winter term.

3c. REPRESENTATION. PART 8. Tempera and show card colors. Color composition and harmonies. The use of opaque mediums in decorative art. Problems in the technique of mediums and methods of rendering. Mr. Zane. Thursday 7:15. Lincoln High School. *Two hours, spring term.*

4. SCULPTURE. Course will be of benefit to those interested in sculpture, and also other forms of expression such as illustrating, designing, cartooning, drawing and painting. Criticism Friday. Professor Fairbanks. Friday 7:15. Portland Architectural Club, 249½ Stark Street. *Two hours, three terms.*

5. DRAWING. Sketch class. The modeling and drawing will be from life. Criticism on Saturday night. Professor Fairbanks. Saturday 7:15. Portland Architectural Club, 249½ Stark Street.
Two hours, three terms.

INTERIOR DECORATION

Mr. BABCOCK

1. PRACTICAL COURSE IN INTERIOR DECORATION. The course specializes in the simple essentials of Interior Architecture required for an understanding of the relation between the house and its furnishings, developing through problems and lectures the facts for the practice of Interior Decorating. The principles of fundamentals of decorating and furnishing, with the aim of establishing a standard of taste, as well as giving principles and design and technique are set forth in sequential steps and taught as a means with which to express ideals, and yet the practical side is always foremost. The lectures are illustrated by black-board drawings, and the work is constantly associated with materials and concrete problems as a means to complete visualization of

the result aimed at. Drawings, prints and photographs, samples of actual materials, wood finishes, floor and wall coverings are used. Work-shop visits are made, and demonstrations given in upholstering furniture, cabinet work and finishes. Practical problems are set, which require regular daily work by the students. The course may be taken profitably by the professional decorator, or as a cultural subject by anyone who so desires. Saturday 9:30 a. m. The Holmes Business College, 5th Floor Fleidner Building. *Two hours, fall and winter terms.*

A tuition fee of $25.00 is payable in advance for each term. Students intending to enroll for credit with the University must notify the instructor at the beginning of the term. Registered students of the Portland Center of the University of Oregon are entitled to University credit if enrolled in this course. Term fee paid the University is deducted from the term charges made others taking the course.

SCHOOL OF BUSINESS ADMINISTRATION

Professor Robbins Professor Bolitho Professor Warrington
Professor Whitaker Professor Lomax Dr. Rutter
Mr. Hilton Mr. Folts
Mr. Kirkpatrick

ACCOUNTING

1. Accounting Principles. This course will take up the study of accounting principles as applied to the proprietorship, the partnership and the corporation. Retail, wholesale, and manufacturing accounting will be studied. The construction, operation and interpretation of single and double entry accounting systems will be taken up. Financial statements will be given. Many special topics will be included. Professor Bolitho. Friday 7:15. Story Hour Room, Central Library. *One hour, three terms.*

2. Cost Accounting. This course will take up the study of the elements and methods of cost-finding, factory routine and detailed reports, the compilation and summarization of the cost records, the control of the cost records by the financial books, cost systems and their installation, simplified cost-finding methods and cost plus contracts. Professor Bolitho. Friday 8:15. Story Hour Room, Central Library. *One hour, Three terms.*

3. Income Tax Procedure. This course will take up a study of the Federal Income Tax Laws, their interpretation and their application. Treasury Department Rulings and Federal Court Decisions will be studied. Federal Income Tax Reports will be made by the student. The individual return and the corporation return will be emphasized. A comparison as between good accounting practice and federal requirements will be made. Professor Bolitho. Saturday 7:15. Story Hour Room, Central Library. *One hour, two terms.*

4. C. P. A. Problems. This course will take up the solution of problems given in the various examinations in accounting, auditing, commercial law, income tax procedure, and the mathe-

matics of investment by the American Institute of Accountants, the Oregon State Board of Accountancy, and other state boards of accountancy. Professor Bolitho. Saturday 8:15. Story Hour Room, Central Library. *One hour, three terms.*

5. MATHEMATICS FOR THE ACCOUNTANT. This course will take up a study of simple interest, accounts current, foreign exchange, powers and roots, logarithms, compound interest and present worth, annuities, sinking funds, the valuation of assets, amortization, the valuation of bonds, and the slide rule. Problems given in the examinations conducted by the American Institute of Accountants will be taken up. Professor Bolitho. Saturday 7:15. Story Hour Room, Central Library. *One hour, spring term.*

ADVERTISING

The Portland Center of the University of Oregon offers its work in advertising in consultation and co-operation with the Portland Ad Club. The outline of its course of study is as follows:

1. ELEMENTARY ADVERTISING. Study of advertising embracing all branches; theory and practice; evolution of advertising; present day relationship to business and finance; co-ordination of published and personal sales effort. Planning, preparing and placing of advertising campaign. A course for those who have had sufficient foundation in business to appreciate the importance of advertising as a science. Mr. Kirkpatrick. Monday 7:15. Room E, Central Library. *Two hours, three terms.*

2. ADVANCED ADVERTISING. A study of advertising for those engaged in the buying, selling and practices of advertising; promoting maximum results and eliminating waste; encouraging higher standards and a code of ethics in advertising procedure; study supported by actual practice. This course will take the form of round table discussions in which individual problems will have consideration. Advertising service; advertising agency functions; the advertising manager and his duties and difficulties; the seller of media and his obligations to the advertiser; the buyer of advertising and what he has a right to expect. A course

for those whose money, as well as time and efforts, is being expended in advertising. Mr. Kirkpatrick. Wednesday 7:15. Story Hour Room, Central Library. *Two hours, three terms.*

BANKING

1. Money and Banking. A course that concerns itself with the history and principles of money, credit and banking. This course is fundamental to a comprehension of banking as a business world. Professor Folts. Friday 7:15. Room G, Central Library. *One hour, three term*

2. Banking Procedure and Practice . This course considers modern technical procedure within the bank and is conducted to illustrate to the business man how he may best avail himself of the facilities that the modern commercial bank has to offer him. Professor Folts. Friday 8:15. Room G, Central Library. *One hour, three terms.*

Neither of these courses has pre-requisites and they may be taken simultaneously if the student so desires. It is advantageous, however, if Course 1 be taken before the course in Banking Procedure and Practice.

BUSINESS LAW

1. Business Law. The relation of law to business; contracts, their formation, offer and acceptance, performance, and discharge; impossible and illegal contracts. Sales; transfer of property and title; destruction of goods and risk of loss; obligations of seller and buyer; remedies of the buyer and of the seller on the contract; Statute of Frauds. Fall term.

Bailments; general and special classes of bailments, including those involving exceptional liability. Agency; the nature of the relation; appointment; liabilities of principal and of agent; undisclosed principal doctrines; delegation of agency; terminations; ratification. Winter term.

Partnerships, their creation and the nature of a partner's interest; mutual rights and duties of partners; actions between partners; general liability of partners; dissolution of partnership.

Negotiable instruments, nature or negotiability; the form of a bill and note, acceptance, delivery, consideration: negotiation, transfer, holder in due course; liability of the several parties to a note. Corporations; nature of a corporation; corporate powers; liability of officers and stockholders; advantages and disadvantages of doing business as a corporation. Bankruptcy; its history and purpose; who may be bankrupt, circumstances that may force one into bankruptcy; exemptions and duties of the bankrupt; the effect of bankruptcy on various kinds of claims. Spring term. Mr. Hilton. Monday 7:15. Room E, Central Library.

Two hours, three terms.

COMMERCIAL LANGUAGES

(See Languages, Commercial)

EMPLOYMENT MANAGEMENT

1. EMPLOYMENT MANAGEMENT. This course takes up the consideration of the principles underlying industrial relations and the various means that have been worked out by the employer, the employee and the state for harmonizing industrial conditions. Special attention is given to problems of scientific management, collective bargaining, etc. The purpose of the course is to acquaint the student with some of the problems which confront the present day industrial managers and to suggest solutions. Fall and Winter terms. Professor Robbins. Friday 7:15. Room B, Central Library. *Two hours, two terms.*

FOREIGN TRADE

For the student proceeding by the ordinary extension method of night classes, the study of Foreign Trade might well cover a period of three years. For an addition to the courses covering the immediate topic of foreign trade and some of the subjects most directly connected with it, the study should include at least the two foreign languages most likely to be of value to those entering the field of American foreign trade in the near future. An

effective sequence of courses would be as follows: First year, Foreign Trade, Beginning Spanish; second year, General Trade Geography, Intermediate Spanish; third year, Political Trade Geography, Advanced Spanish; Practical French to be taken at whatever point is most convenient. The above order, however, is not rigid; thus, a student may well want to "double up" and take the course in General Trade Geography along with that in Foreign Trade.

1. Foreign Trade. The central aim of this course is to be practical. The outline, very briefly, is as follows: introductory discussion of the balance of trade idea; movement of gold and banking; credits; the economic basis af foreign trade; sources of information; governmental publications in the United States and abroad; private agencies; foreign trade statistics; developing the foreign markets; adapting the commodity to the consumer; planning the development of foreign markets; direct representation in the foreign field; traveling salesmen; advertising in branch houses; exclusive agencies; the export mercantile house, commission house, manufacturer's export agents; world tendencies; methods used by American exporters in cultivating export markets. Special emphasis will be laid on "paper" work, or documentation. Lectures and practice covering the different steps in four export transactions, with the proper use of papers and documents, including the following subjects: the inquiry; the quotation; the "firm" order; the purchase order; shipment to seaboard; the foreign freight forwarder; shipping procedure; ocean bills of lading; marine insurance; consular invoice; the financial papers; and practice upon papers for complete transactions. Professor Lomax. Monday 7:15. North Gallery, Central Library.

One hour, three terms.

102. Advanced Foreign Trade. A course in advanced foreign trade given especially for managers of export houses and those having other managerial positions closely connected with foreign trade. The course will consider particularly the questions arising in trade in the Pacific Orient. Admission by consent of instructor only. Dr. Rutter. Monday 7:15-9:15. Chamber of Commerce, Oregon Building. *Two hours, three terms.*

GEOGRAPHY

2. General Trade Geography. Europe. The Physical structure, natural divisions, climates, material resources, natural facilities of communication by land and sea, and in general, the physical basis of European commercial life.

Latin America. The physical features, climates and resources of the continent; their effects on the development and prospects of the several countries. Special attention is given to the geographic influence on the trade between the United States and Latin America.

Asia. A study of the continent by natural regions based on topography, climate and resources. The influence of the geographic condition on the life of each region and the relations of the several regions to one another. Geographic conditions likely to affect commercial relations between Asia and the United States and Europe. Professor Lomax. Monday 8:15. North Gallery, Central Library. *One hour, three terms.*

101. Political Trade Geography. An advanced course presupposing the course in Foreign Trade and that in General Trade Geography. It is to be conducted in round-table fashion with readings and reports by members of the class, and general class discussions. As in course 2, the fall term will cover Europe, the winter term Latin America, the spring term Asia.

Europe. A study and interpretation of the new political geography of Europe; old and new nations; boundaries; old and new route of trade; changed economic conditions and relations; the meaning of all this for the commerce of the United States.

Latin America. The countries and populations of Latin America; political, social, and cultural features; economic conditions; the problems and possibilities of United States trade with these countries.

Asia. The peoples of Asia, their civilizations, politics, and economic conditions. The forces governing trade and its development in these lands. Professor Warrington. To be omitted 1921-22.

LANGUAGES, COMMERCIAL

Any courses in Romance Language offered by the School of Literature, Science and the Arts are useful also to the student of business and are open to him, but the ones suggested below are projected with his needs specially in view.

4. FRENCH FOR PRACTICAL AFFAIRS. The course will consist of persistent exercises in conversation and composition designed to train students to speak and write ordinary French with facility. French daily business life and institutions and the form of ordinary business correspondence will be taught. Lectures on countries in which American salesmen are interested will be given in French. As the foreign trade of the United States is expanding over the world, French is taking its place beside Spanish as an indispensable language in trade relations. Twenty-five countries are now carrying on their business relations in that tongue. Professor Warrington. Wednesday 7:15. North Gallery, Central Library. *One hour, three terms.*

SPANISH

See courses offered by School of Literature, Science and the Arts, under Romance Language.

PSYCHOLOGY

3. VOCATIONAL PSYCHOLOGY. (See courses offered by School of Literature, Science and the Arts, under Psychology.)

102. SPECIAL PROBLEMS IN EMPLOYMENT PSYCHOLOGY. This course includes a more detailed study of the applications of psychology to selection and training of employees in business and industry; also the place of psychology in adjusting differences between employer and employee. The topics for special treatment will follow largely the needs of the class, but a partial list of topics includes:

(a) "Observational methods" of selecting workers.

(b) Psychological tests and measures in the selection of employees.

(c) Elementary statistical methods of treating such tests in employment.

(d) Rating schemes of employers and employees.

(e) The psychology of the labor problem and industrial good-will: various schemes of bringing this about, etc.

(f) Psychology of industrial fatigue.

(g) Educational schemes for employees while engaged in gainful pursuits.

Prerequisite: General Elementary Psychology, Vocational Psychology, and special consent of instructor for otherwise qualified persons. Professor Young. Thursday 8:15. Room B, Central Library. *One hour, three terms.*

PUBLIC SPEAKING

Courses 1, 2, and especially 4, 5, and 101, offered by the School of Literature, Science and the Arts can all be of real value to the business-man, but the course listed here is planned with a special view to his needs.

1. Course for Salesmen and Professional Men. A course dealing with the study of natural principles, those which experience has shown to be practical and effective. Members of the class will be given frequent opportunity for impromptu, extempore and argumentative speeches. Students will be analyzed and shown why their voices are constricted and their bodies awkward; why they feel nervous and self-conscious; why they fail to make personal contact with the audience. Nevertheless, the chief stress will be laid on constructive suggestion. Mrs. Senn. Monday 8:15. First Presbyterian Church House. *One hour, three terms.*

SALESMANSHIP

1. Principles of Salesmanship. Fall term.

Sales Analysis. Winter term.

Sales Management. Spring term.

Study of the factors affecting a salesman in his work, and of the elements into which a sale may be divided. Demonstration sales will be held, two men working as salesmen and prospective

buyer, respectively, after which the class will discuss the sales talk. Various materials will be chosen for the demonstration sales so that each man may take the line in which he is most interested. Text lessons will be provided by the School of Business Administration. The Fall term course will be prerequisite for the Winter term course, but the Spring term course will be open to new as well as old students. Professor Whitaker. Friday 7:15. Room E, Central Library. *One hour, three terms.*

2. MARKETING METHODS. Fall term. This course will cover the general methods of marketing both agricultural and manufactured commodities. It will deal with the organization of markets and the distribution of goods.

RETAILING. Winter term. This course will give attention to the retail trade. The following topics will be taken up in detail: the general retail store, the specialty store, the department store and the chain store. A study of the present methods employed in the mail order business will also be given.

MARKETING PROBLEM. Spring term. In this course special attention will be given to the methods employed by manufacturers in making a market for their goods; the organization and activities of the wholesale and jobbing trades, relations of the manufacturer, wholesaler, and jobber with the retailer; and the problems of price policies and trade marks. Professor Whitaker. Friday 8:15. Room E, Central Library. *One hour, three terms.*

TRAFFIC

1. TRAFFIC PROBLEMS. Aims to train executives in traffic procedure, a new and promising field for men interested in railway traffic administration and operation, and in traffic departments of industrial enterprises. A study of the theory and procedure of Traffic Management—traffic geography, rate zones and construction points: construction, study and application of the classifications and tariffs; special freight services; organization and procedure of railway and industrial traffic departments; and Interstate Commerce Commission procedure. Saturday 7:15. Room G, Central Library. *One hour, three terms.*

SCHOOL OF EDUCATION

Professor SHELDON Professor GREGORY Professor STETSON
Miss MONTGOMERY

ADMINISTRATION AND MANAGEMENT

101. PROBLEMS IN PRESENT-DAY EDUCATION FROM THE TEACHER'S POINT OF VIEW. (a) General factors in the situation including recent development in the school systems, improvement of teachers in service, etc.

(b) The course of study.

(c) The teaching of technique, discipline, etc. Professors Gregory and Stetson. Saturday 7:15. Room B, Central Library. *One hour, three terms.*

102. PROBLEMS OF THE PUBLIC SCHOOL SYSTEM FROM THE PRINCIPAL'S POINT OF VIEW. (a) A discussion of the immediate problems which confront progressive school men today. The course is divided as follows: educational administration proper; relation of the principal to the school system; various functions of the principal, etc.

(b) Problems of the common school curriculum from the principal's point of view. Summary and discussion of recent movements and departures.

(c) Supervision and class-room technique, from the principal's point of view. Professors Gregory and Stetson. Saturday 8:15. Room B, Central Library. *One hour, three terms.*

EDUCATIONAL PSYCHOLOGY

101. EDUCATIONAL PSYCHOLOGY. This course is designed primarily to meet the needs of teachers, and deals not with unknown factors but takes up concrete experiences in the life of teachers

and students and relates them to problems of learning and individual differences. Behavior as a whole will be considered from the start and gradually subdivided. The course will be worked out on the theory that students should learn by doing; that the project method is superior to memorization; that a functional psychology should be taught and individual differences in students should be taken into account. Each general principle is discovered by the students out of his own experience. In this way the experiments will be confined to the process of learning. Miss Montgomery. Friday 7:15. Room C, Central Library.

One hour, three terms.

102. MENTAL TESTS. A study of those tests which are of practical value to the teacher and social worker, including a review of the group tests now in use with emphasis on the technique of the group examination and interpretation and use of results in practical schoolroom problems. The tests taken up will be Terman, Army, Dearborn, Otis, Haggerty, National and other new group tests. A review of the individual tests with special emphasis on the Stanford Revision of the Binet scale and practice in the use of the tests will also be offered. Miss Montgomery. Friday 8:15. Room C, Central Library. *One hour, three terms.*

CLINIC IN MENTAL TESTS AND MEASURMENTS. Miss Montgomery. Saturday 9:30 A. M. Room C, Central Library.

One hour, three terms.

EDUCATIONAL SOCIOLOGY AND HISTORY

103. SOCIAL EDUCATION. An advanced course for seniors and graduate students in Social Education or Educational Sociology will be offered. The study in this course will be based largely on contemporary thinkers in the field of Sociology. At the same time an effort will be made to correlate the aspects of sociological theory with the problems of the school-room and of the school system. Considerable individual work will be asked for in addition to the lectures. Professor Sheldon. Thursday 7:15. Room H, Central Library. *Two hours, three terms.*

104. JUVENILE MISCONDUCT. (See Course 101 in Sociology offered by School of Literature, Science and the Arts.)

105. EDUCATIONAL HISTORY OF OREGON AND THE WEST. A research course. This course is specially designed for advanced students in history and sociology who are interested in completing a piece of actual research. The topics assigned will deal with certain problems in the development of education in the state of Oregon and the city of Portland. Along with the special problems will be a discussion of historical method and there will also be lectures covering outlines of the subject. Professor Sheldon. Thursday 8:15. Room H, Central Library. *One hour, three terms.*

SCHOOL OF MEDICINE

Professor Sears Professor Benson Professor Menne
Professor Thomson Professor Burget
Professor Foster Professor Myers

ANATOMY

Professor Foster

1a. A study of the cells, tissues and organs of the human body and their general embryology. Monday 7:15. Room F, Central Library. *Two hours, fall term.*

1b. Gross anatomy will be taken up by systems, human osteology, myology, blood-vascular, etc. Practical application will be discussed throughout the course. Monday 7:15. Room F, Central Library. *Two hours, winter term.*

BACTERIOLOGY

1. General Bacteriology. An elementary discussion of bacteria with special emphasis upon their relation to personal hygiene, the care of the sick and the prophylaxis and cure of communicable diseases. A course for nurses, public school teachers and social workers. Professor Sears. Wednesday 7:15. Room G, Central Library. *Two hours, fall term.*

2. Public Health. The course deals with the larger general problems of the control of communicable diseases, the organization of health agencies and the relationship of the individual to these agencies. Prerequisites: the course in general bacteriology. Professor Sears. Wednesday 7:15. Room G, Central Library. *Two hours, winter term.*

CHEMISTRY

See courses offered by School of Literature, Science and the Arts, under Chemistry.

MEDICAL SOCIAL SERVICE

102. Medical Social Service. Deals with principles and methods of investigation in case work involving physical and mental health problems. Health agencies, their organization, scope

of activities, points of contact, health legislation, diagnosis and prognosis. Social history in relation to physical and mental examination in family histories. This course will consist of lectures, reports, the study and discussion of selected cases. Professor Thomson. Thursday 7:15. Room C, Central Library.

One hour, three terms.

PATHOLOGY

101. A course of lectures and demonstrations dealing with the histology of diseased tissue and the pathology of communicable diseases. Prerequisites, Bacteriology 1 and 2. Professors Menne and Benson. Wednesday 7:15. Room H, Central Library.

Two hours, spring term.

PHARMACOLOGY

1. A course of lectures on the use and abuse of drugs, primarily for nurses. Professor Myers. Monday 7:15. Room F, Central Library. *One hour, spring term.*

PHYSIOLOGY

1. Digestion, metabolism, secretions, nutrition and vitamines. The course will be primarily for nurses and teachers of physiology in the grades and high school. Professor Burget. Wednesday 7:15. Room H, Central Library. *Two hours, fall term.*

2. Metabolism, nutrition, vitamines, body temperature and the central nervous system. Prerequisite, Course 1. Professor Burget. Wednesday 7:15. Room H, Central Library.

Two hours. winter term.

PSYCHOLOGY

103. Mental Hygiene. (See course offered by School of Literature, Science and the Arts, under Psychology.)

104. The Measurement of Intelligence. A course for physicians, outlining the nature and technique of intelligence examination methods, discussing among other matters the determination of mental age, the diagnostic syllabus, and the criteria of feeblemindedness. Professor Kohs. Friday 8:00. Room 425, Courthouse. *One hour, three terms.*

SCHOOL OF MUSIC

Mr. Boyer Professor Landsbury Mr. Goodrich

GENERAL AND THEORETICAL

1. The Elements of Musical Science. A general course in the history, construction and treatment of harmonic forms. Work is done by means of lectures and recitations, and throughout the course great stress is laid upon the development of the ear. To be offered in 1922.

2. History and Appreciation of Music. A course of lectures, together with supplementary research work, dealing with the evolution of music; its relation to the other arts and sciences, and its place in a liberal education. To be offered in 1922.

3a. Classical, Romantic and Modern Pianoforte Literature. Melodic analysis of the strict style. The motive and its development as exhibited in the Inventions and Fugues of J. S. Bach. Mr. Goodrich. Friday 10:00 A. M. Room A, Central Library. *One hour, fall term.*

3b. A study of the architecture of free style; the motive as influenced by and influencing the section, phrase, period, etc. A general course in structural analysis based upon the works of Mozart, Haydn, Beethoven, Chopin, Schumann, Brahms, etc. Mr. Goodrich. Friday 10:00 A. M. Room A, Central Library *One hour, winter term.*

3c. Harmonic analysis based upon the conventional theory of the chord. The works of Haydn, Mozart, Beethoven, Chopin, Schumann, Brahms, Liszt, Debussy, etc. will be used as the basis of discussion. A thoroughly intensive course, open only to qualified students. Mr. Goodrich. Friday 10:00 A. M. Room A, Central Library. *One hour, spring term.*

4. Composition. Special references will be made to modern (advanced) harmony, counterpoint, canon fugue. Mr. Goodrich. Friday 11:00 A. M. Room A, Central Library *One hour, three terms.*

5. Elementary Harmony. This course will be given only upon the enrollment of fifteen students. Mr. Goodrich. Monday 8:15. Room C, Central Library. *One hour, three terms.*

6. Choral and Orchestral Directing. For leaders of high school or community music. Mr. Boyer. To be offered in 1922.

PUBLIC SCHOOL MUSIC

The Supervisor's Training Course in Public School Music outlined below is designed for those students who wish to prepare themselves to be supervisors of music in high schools and in the grades, and to become leaders in community music. In this course it is assumed that public school music is not a different kind of music, and that "methods"—patented or others— can never take the place of knowledge of the thing to be taught. There is but one special course for the prospective public school music teacher. This is labeled for identification, "Public School Methods." It aims to assemble those things which a public school music teacher ought to know, and to fuse and point them to a special purpose. The following are the minimum requirements for a certificate:

Ability to read and play moderately difficult choruses or accompaniments.
Two terms instruction in singing.
The elements of Musical Science, three terms.
Analysis of Music, three terms.
Musical History, three terms.
Sightsinging, three terms.
Public School Methods.
Choir experience.
Education.
Practice Teaching and Directing.

1. Public School Methods for Primary Grades. This course aims to show how musical knowledge is adapted to the needs of the public school. The following and other points will be taken up: ways of arousing and holding interest; call and scale songs for correction of monotone; development of the sense of pitch and rhythm through note singing; phrasing and inter-relation; the various systems of music books and manuals used as texts; staff

notation. Mr. Boyer. Tuesday 7:15. First Presbyterian Church House. *One hour, three terms.*

2. Public School Methods for Advanced Grades. Sight singing, melody, choral directing, phrasing and interpreting and musical appreciation with the use of the phonograph. Mr. Boyer. Tuesday 8:15. First Presbyterian Church House. *One hour, three terms.*

3. Practice Teaching and Directing. Mr. Boyer.

4. Sight Singing. For the purpose of identification, the name "Sight Singing" has been retained, though it gives little clue to the character of work done. A better name would be "The Practical Reading of Music." We do not read a language by laboriously picking out individual letters—meaning comes from combinations. We read a word—sometimes a sentence. The analogy is evident. We do not read individual notes. Musical meaning comes from combinations of tones. We read the symbols for a chord, figure or a motive, possibly a phrase. For this reason it must be evident that the symbols of reading by the 'do, re, mi," method are absolutely discarded. However comforting such a system may be to the musically unequipped who must have "something to teach," it is inimicial to the thought processes of the real musician and has no right place in any scheme of musical education. Mr. Boyer. Saturday 10:00 A. M. First Presbyterian Church House. *One hour, three terms.*

SYMPHONY ORCHESTRA LECTURES

A series of illustrated lectures based upon the program of the Portland Symphony will be given during the coming season. In each lecture the particular program will be discussed and an endeavor made to enhance the understanding and appreciation of the various numbers through analysis and comment. The lectures will be held the Friday preceding the Concerts, and the dates for the 1921-1922 season are: October 29; December 9; January 20; February 3; March 3; April 14. Professor Landsbury. Friday 4:30 P. M. Sherman, Clay & Co. Concert Hall, Fourth Floor, Sherman, Clay & Co. Building. *Three terms.*

SCHOOL OF SOCIAL WORK

Professor P. A. Parsons Professor Thomson Professor Kohs
Mr. Ehinger Mr. Grant

The Portland School of Social Work issues a special bulletin of its own, describing the whole work of the School. That bulletin should be consulted, because any course there listed, even though intended essentially for the regular, full-time member of the School, is open also to the properly qualified extension student. The courses indicated below were outlined with the needs and interest of the latter in view. See also Sociology, offered by the School of Literature, Science and the Arts.

SOCIOLOGY

1. Elements of Sociology.

102. Introduction to Philanthropy. Professor Parsons. (Same as Sociology 103 in Social Work Bulletin.)

103. General Problems of Child Welfare. Mr Ehinger. (Same as Sociology 102 in Social Work Bulletin.)

104. Juvenile Misconduct. Professor Kohs. (Same as Course 101 under Sociology, Portland Center Bulletin.)

105. Sex Problems in Education and Social Work. Mr. Grant. (Same as Course 104 under Sociology, Elective.)

106. Seminar in Social Problems. Professor Parsons. (Same as Sociology 108 in Social Work Bulletin.)

PSYCHOLOGY

Mental Hygiene. Professor Kohs.

PUBLIC HEALTH NURSING

3. Health Education. Professor Thomson. (Same as Course 3 under Sociology, Elective.)

6. General Public Health Nursing. Professor Thomson.

105. Medical Social Work. Professor Thomson. (Same as Public Health Nursing 5 in Social Work Bulletin.)

The University of Oregon

Includes the following Colleges and Schools, located at Eugene, except as stated:

THE GRADUATE SCHOOL
THE COLLEGE OF LITERATURE, SCIENCE AND THE ARTS
THE SCHOOL OF ARCHITECTURE
THE SCHOOL OF BUSINESS ADMINISTRATION
THE SCHOOL OF EDUCATION
THE SCHOOL OF JOURNALISM
THE SCHOOL OF LAW
THE SCHOOL OF MEDICINE (Portland)
THE SCHOOL OF MUSIC
THE SCHOOL OF PHYSICAL EDUCATION
THE SCHOOL OF SOCIOLOGY
School of Social Work (Portland).
THE EXTENSION DIVISION
Department of Extension Instruction.
Department of Social Welfare.
Portland Extension Center.
THE SUMMER SESSION
Divisions at Eugene and Portland.

The University publishes Bulletins descriptive of its various Schools and Colleges, and a Bulletin of General Information which will be sent on request to any interested persons. The General Catalogue is printed only for purposes of exchange with other institutions.

Requests for bulletins or for general information should be addressed to

THE REGISTRAR
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