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The following courses are offered this season in addition to those announced in the Circular of Information:

POLITICAL ECONOMY.

JOHN GRAHAM BROOKS, A.B., Lecturer in Political Economy.

Questions of Charity and the Unemployed:

- (1) Changes from the Old to the New Methods.
- (2) The Problems and Methods in France.
- (3) The Problems and Methods in Germany.
- (4) The Problems and Methods in England.
- (5) The Problems and Methods in the United States.
- (6) The Problem of the Unemployed.

Modern Socialism at Work. (1) From Theory to Practice. (2) Social Democracy in Germany. (3) Social Democracy in the French Communes. (4) The Rise of Socialism in England. (5) English Socialism in Practice. (6) The Outlook of Socialism in the United States.

The Great Attempts to Deal with the Social Question: *Attempts by the State:* (1) Insuring the Working Classes against Sickness and Accident. (2) Old Age and Idleness. *Attempts by the Employer:* (3) The Unions of Social Peace in France. (4) Three Illustrations of Employers' Methods. *Attempts by the Laborer:* (5) The New Significance of Coöperation. (6) The Aristocratic versus the Democratic Methods of Solving Social Problems.

POLITICAL SCIENCE.

HOWARD N. OGDEN, PH.D., LIT.D., Lecturer in Political Science.

Early English Institutions. (1) The Teutonic Conquerors of Britain. (2) Ideals of the English Folk as revealed in their Poetry. (3) Alfred the Great and his Successors. (4) The Early English Church, the Conservator of Literature and Learning. (5) Early English Homes, Social and Domestic Life. (6) English Laws and Government prior to the Norman Conquest.

Genesis of Some American Institutions: (1) Representative Government and the Elective Franchise. (2) Written Constitutions. (3) Trial by Jury. (4) An Independent Judiciary. (5) Freedom of Speech and of Conscience. (6) Mechanism of Republican Government.

Virginia Statesmen of the Revolution: (1) Patrick Henry, the Apostle of the Revolution. (2) George Washington and the Federal Union. (3) Thomas Jefferson and State Sovereignty. (4) James Madison and the Federal Constitution. (5) George Mason and the Virginia Bill of Rights. (6) James Monroe, John Marshall, and Constitutional Interpretation.

SOCIOLOGY AND ANTHROPOLOGY.

CHARLES ZEUBLIN, B.D., Instructor in Sociology.

Social Reform in Fiction: (1) The Factory System—Dickens's *Hard Times*. (2) Radicalism—George Eliot's *Felix Holt*. (3) Chartism—Kingsley's *Alton Locke*. (4) The Labor Movement—Besant's *All Sorts and Conditions of Men*. (5) Paternalism and Socialism—Mrs. Ward's *Marcella*. (6) Social Christianity—Mrs. Ward's *David Grieve*.

GERALD M. WEST, PH.D., Docent in Anthropology.

Lectures on Man: (1) Introductory. (2) The Human Races Compared to the Apes and among themselves. (3) The Origin and Age of the Human Species. (4) The Appearance and Distribution of Man. (5) The Formation of Human Races. (6) Man, Fossil and Modern.

The Aryans: (1) The Aryan Question. (2) Prehistoric Europe. (3) The Culture of the Polished Stone Age. (4) Is there an Aryan Race? (5) The Aryan Languages. (6) The Aryan Religion.

ENGLISH LITERATURE.

HORACE S. FISKE, A. M., Lecturer in English Literature.

Five Plays of Shakespeare: (1) *Julius Cæsar*. (2) *Merchant of Venice*. (3) *Hamlet*. (4) *Hamlet*. (5) *King Lear*. (6) *The Tempest*.

BIBLICAL LITERATURE IN ENGLISH.

SHAILER MATHEWS, A.M., Associate Professor of New Testament History and Interpretation.

The History of New Testament Times in Palestine: (1) The Heroic Period of Jewish History. (2) The Herods and the Romans. (3) Jewish Home Life. (4) Industry and Finance. (5) The Scribes and Pharisees. (6) Jesus in the Light of His Times.

ROMANCE LANGUAGES AND LITERATURES.

GEORGE CARTER HOWLAND, A.M., Instructor in Romance Languages and Literatures.

The Italian Poets: (1) The Relation of Italian Literature to Modern Life. (2) Dante, the Link between two Worlds. (3) Petrarch and Humanism. (4) Ariosto and the Story of Roland. (5) Tasso, the Romance of the Crusades. (6) Leopardi and Modern Pessimism.

Six Italian Prose Writers: (1) Boccaccio, the Story-teller. (2) Machiavelli, Historian and Philosopher. (3) Two Artists and their Autobiographies. (4) Manzoni, Novelist and Reformer. (5) Massimo d'Azeglio, Painter, Novelist, and Statesman. (6) Mazzini and New Italy.

Italian Dramatists, six lectures; and Contemporaneous Italy, six lectures; not ready until 1895-6.

BIOLOGY.

A. H. COLE, A.M., Lecturer in Biology.

General Course in Bacteriology: (1) Historical. (2) The phenomena of fermentation and Putrefaction. (3) Forms, sizes, and structure of the bacteria. (4) Growth, multiplication, and distribution. (5) Sterilization methods and the theory of "spontaneous generation." (6) Laboratory apparatus and its use. (7) Culture media, isolation of species, pure cultures. (8) Classifications of the bacteria. (9) The beneficent work of non-pathogenic species. (10) Pathogenic species and how they cause disease. (11) Theories of immunity. (12) Practical applications of the science.

The aim of the course is to give a non-technical treatment of the subject affording a general view of the relations of the science, its methods, aims, and the results already attained. It will be fully illustrated by apparatus, demonstrations, and charts.

SCANDINAVIAN LITERATURES.

OLAUS DAHL, A.B., B.D., Lecturer in Scandinavian Literatures.

Social Studies in Björnson and Ibsen: (1) Democracy—"The League of Youth," "An Enemy of the People." (2) "The Pillars of Society," true and false. (3) Marriage—"A Doll-House." (4) Heredity—"The Heritage of the Kurts." (5) The Emancipation of Woman—"Hedda Gabler." (6) Competition—"The Master Builder."

ART.

GEORGE L. SCHREIBER, Lecturer in Art.

Child Study: (1) The Art-thought and the Child. (2) Color and Form. (3) Form and Color. (4) Home Environment. The Child-spirit Product. (5) The Child's Inventiveness in all modes of Expression—parallel to race development. (6) Historical Evidences—a review.

The History of Art: (1) A Review of Art in general. (2) Roman, Early Christian, and Byzantine Art. (3) Gothic, Preraphaelite, and Florentine Art. (4) Titian, Fra Angelico, Raphael, Del Sarto, Da Vinci. (5) Ghirlandajo and Michael Angelo. (6) German and Dutch Art. (7) Spanish Art, Eclectic school, Landscape school. (8) French Art. (9) Art in Germany, Holland, Norway, Sweden, Austria, Belgium. (10) English Art. (11) Art Appreciation. (12) American Art. Resumé and conclusion.

LORADO TAFT, M.L., Instructor in Art.

Contemporaneous Art: (1) French Painters of Today. (2) German Painters of Today. (3) English. (4) Dutch and Scandinavian. (5) American. (6) Great Living Sculptors.

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DECEMBER 20, 1894

EVENING AND SATURDAY CLASSES

FOR THE WINTER QUARTER, 1895.

I. GENERAL INFORMATION.

For the benefit of those who cannot attend its regular sessions, the University of Chicago will hold, during the Winter Quarter, beginning the first week in January, regular evening, afternoon, and Saturday classes at the various places in the city and suburbs named.

Grade of Work. The classes will be conducted by the University instructors named, and will meet once a week, each session continuing two hours. The same grade of work will be done in these classes as in those held at the University, and full credit will be accorded to students who pass the University examinations.

Other Classes. So far as practicable, classes will be formed in any Academy or University subject called for by six or more persons, to meet at any time and place that may be most convenient. It is especially desired that classes be formed for the benefit of public school teachers, to meet in the various school buildings; it is also hoped that classes may be formed in the various churches. Principals of schools are requested to bring the subject of these classes before their teachers; and pastors are requested to consider the desirability of having in their church parlors one or more evening classes for such members of their congregations as may wish to avail themselves of these opportunities.

Any school, church, society, or individual desiring the organization of classes in any of the subjects named below, or in any other Academy or University subject, in any locality in the city or suburbs, is requested to communicate with the Secretary of the Class-study Department, who will give any information or render any assistance in his power in forming classes. A number of copies of this circular will be sent to anyone who will distribute them among interested persons.

Arrangements for Classes. It is very desirable that early arrangements be made for classes for the Winter and Spring Quarters, beginning January 1 and April 1 respectively. Much confusion and disappointment inevitably result when arrangements are left until the beginning of the Quarter.

Fees. The fee for a Minor is eight dollars; for a Major or Double Minor, sixteen dollars. A Minor is a course of twelve recitations, two hours each. A Major or a Double Minor is a course of twenty-four recitations, two hours each. All the courses announced in this circular are Minors, except where otherwise noted. In special cases, a Minor course may be given for a single fee of one hundred dollars, to be paid by the class as a whole. If such a class contains twenty members, each member will thus pay five dollars for the course, instead of the usual eight dollars. The fees will be further reduced if a still larger number of students is enrolled. All fees are payable to the instructor at the first meeting of the class.

No class may contain more than thirty members.

Meeting Places for Classes. The following are available as meeting places for classes:

The University, Ellis avenue and Fifty-eighth street.

The Chicago Athenæum, 18-26 Van Buren street. Room 310, Western Union Building, Southwest corner Clark and Jackson streets.

Dearborn Seminary, 2141 Calumet avenue.

Chicago Preparatory School, 3715 Langley avenue.

The Chicago Academy, 552 West Monroe street.

The Newberry Library, North Clark street and Walton place.

Chapel of the First Baptist Church, Evanston.

Churches, schools, or private houses where special arrangements are made.

UNIVERSITY CREDIT IS GIVEN ONLY UPON EXAMINATION HELD AT THE UNIVERSITY

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II. COURSES OF INSTRUCTION.

PHILOSOPHY.

G. H. MEAD, A.B., Assistant Professor of Philosophy.

Introduction to Logic, Inductive and Deductive. The work will consist of the analysis of portions of standard philosophic and scientific works with respect to their logical form and procedure. The logical figures and methods will be worked out from these writings and then studied in themselves. The work will necessarily be elementary, and will aim at qualitative results—the comprehension of certain typical forms and methods—rather than at covering the whole ground.

Tuesdays, 7:45 P.M., Room 64, Chicago Athenæum, 26 Van Buren street, beginning January 8.

JAMES R. ANGELL, A.M., Assistant Professor of Experimental Psychology.

Introduction to Psychology. This course will aim, through the study of fundamental facts and principles, to furnish at once a substantial acquaintance with the nature and scope of psychology, and a foundation for further work.

Saturdays, 4:00 P.M., Room 33, Ryerson Physical Laboratory, University, beginning January 5.

WAYNE P. SMITH, PH.D., Lecturer in Philosophy.

Introduction to the Study of Philosophy. It is the purpose of this course to present in lectures adapted to beginners the meaning and aim of Philosophy, its relation to the various sciences, physical, biological, and psychological; to give a simple non-technical statement of the philosophic problems of knowledge, nature, ethics, art, and religion, and to show the significance and value of philosophy as a whole in the life of the individual and of society. As a basis for the lectures, the class will in the first part of the course make a careful study of Berkeley's *New Theory of Vision* and *Principles of Human Knowledge*, contained in Frazer's *Selections from Berkeley*.

Kant's Critique of Pure Reason. This course is designed for those who have some acquaintance with philosophical literature and discipline in reflective thought. The text-book will be Watson's *Selections from Kant*, which will be read by the students and then discussed in the class. The object of the lectures will be to give a summary sketch of Kant's life and philosophic development, and to outline the argument of the *Critique of Pure Reason*.

POLITICAL ECONOMY.

I. W. HOWERTH, A.M., Lecturer in Political Economy and Sociology.

Political Economy. A course intended for those who do not feel prepared to begin the study of such a work on Political Economy as John Stuart Mill's. The principles of Political Economy will be discussed with their application to socialism, taxation, the tariff, bimetallism, banking, the labor problem, and other questions of the day. Laughlin's *Political Economy*.

Mondays, 7:30 P.M., First Cumberland Presbyterian Church, Stewart avenue, near 66th street, beginning January 7.

Tuesdays, 7:30 P.M., Presbyterian Church, Valparaiso, Ind., beginning January 1.

Fridays, 7:45 P.M., Room 310 Western Union Building, southwest corner Jackson and Clark streets, beginning January 4.

POLITICAL SCIENCE.

CHARLES T. CONGER, A.B., Assistant in Political Geography.

The Geography of Europe. This course is designed to acquaint the student of History and Political Science or the intending traveler with the essential facts of the geology, meteorology, topography, and ethnology of the political divisions studied.

Saturdays, 11 A.M., Room 64, Chicago Athenæum, 26 Van Buren street, beginning January 5.

HOWARD N. OGDEN, PH.D., LIT.D., Lecturer in Political Science.

English Constitutional History. DM. From the Saxon Conquest to the reign of Victoria. Special study will be made of those features of the English constitution which have been carried over into the constitutions of America. Texts: Gneist's *History of the English Constitution*, Dicey's *Law of the Constitution*, Stubbs' *Constitutional History* and *Select Charters*.

Mondays, 5:00 P.M., Room 55, Chicago Athenæum, 26 Van Buren street, beginning January 7.

Constitutional History and Law of the United States. DM. This course will include a study of the Colonial and Confederation governments, of the written Constitutions of the Federal Union and of the States, and of the principles of Constitutional Law as

now enforced by the courts and the departments of government. Texts: Curtis' *Constitutional History of the United States*, von Holst's *Constitutional Law*, Justice Miller's *Lectures on the Constitution*, von Holst's *Constitutional History*, and *The Federalist*.

Mondays, 7:30 P.M., Room 55, Chicago Athenæum, 26 Van Buren street, beginning January 7.

ADDISON BLAKELY, Ph.D., Lecturer in Political Science and History.

Civil Government in the United States. A study of the structure and working of our government, local, state, and national. This course is introductory to advanced work in Political Science. It deals with principles of Political Science as illustrated in the constitution and history of the United States.

Tuesdays, 3:40 P.M., Burr School, Ashland and Wabansia avenues, beginning January 8.

ROY N. MILLER, Ph.B., Lecturer in Political Science.

Civil Government in the United States. An elementary course in the structure and working of our government, local, state, and national, based largely upon Fiske's "Civil Government in the United States." Special attention will be given to the structure of the United States Constitution.

Wednesdays, 8 P.M., Self Educational Club, 572 South Halsted street, beginning January 2.

HISTORY.

JAMES F. BALDWIN, A.B., Lecturer in History.

Nineteenth Century History. This course will begin with the close of the French Revolution, and will follow the principal movements in Europe, including the age of Napoleon, the consolidation of the German Empire, the unification of Italy, and the advance of democracy in England.

Thursdays, 8 P.M., Room B 9, Cobb Hall, University, beginning January 3.

Saturdays, 8 P.M., Memorial Baptist Church, Oakwood Boulevard, beginning January 5.

WM. RULLKOETTER, A.B., Lecturer in History.

English History. This course will be a discussion of special topics in English History, beginning with the Anglo-Saxon conquest of Britain. Emphasis will be given to those epochs which have been most potent in the formation of English institutions.

Tuesdays, 7:45 P.M., Room 310, Western Union Building, southwest corner Clark and Jackson streets, beginning January 8.

E. C. ROSSETER, A.M., Lecturer in History.

United States History from the Close of the Revolution to the Annexation of Texas. This course will

include a study of the development of the Republic and the making of the nation. The condition of the country at the close of the war, the government under the Confederation, and the early administrations will be considered.

Fridays, 8 P.M., Newberry Library, corner North Clark street and Walton place, beginning January 4.

EDWARD C. PAGE, A.B., Lecturer in American History and Literature.

American History. This course will take up special topics in American history. The desires and needs of classes will be consulted in determining upon the particular topic.

Thursdays, 7:45 P.M., Bible Institute, 80 Institute place, beginning January 3.

Saturdays, 4:00 P.M., Room 60, Chicago Athenæum, 26 Van Buren street, beginning January 5.

History of Illinois. This course takes up such events as have a connection with the national history and enough others, chiefly of local interest yet of large importance, to make a connected story. Considerable opportunity is offered for the study of history from the sources.

ADDISON BLAKELY, Ph.D., Lecturer in Political Science and History.

The Beginnings of English Institutions. A study into the origin and early development of Anglo-Saxon institutions, especially those which have endured and are seen today in England and America. Special attention is given to the growth of the Town, County, and Federal State, and to the nature and workings of the Legislative, Executive, and Judicial departments of government.

The Growth of the American Political System. A study into the development of the American constitutional system of government. The sources of the Federal and State Constitutions together with the influences inducing separation from Britain, will be specially considered, and the political development of American institutions during the past century followed.

SOCIOLOGY.

C. R. HENDERSON, D.D., Associate Professor of Sociology.

Voluntary Associations for Social Amelioration. Analysis of social organization; principles of judgment of social efforts; associations for the amelioration of domestic, economical, educational, political and spiritual conditions; order and method of study and

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select bibliography; discussion of local conditions and efforts.

Wednesdays, 8 P.M., Raymond Mission, Poplar and 29th streets, beginning January 2.

DANIEL FULCOMER, A.M., Lecturer in Sociology.

Introduction to Sociology. Intended to meet the needs of teachers, ministers, practical workers in reforms, and all others who wish some insight into one of the newest and, at the same time, most important of studies. Special attention will be given to the contributions of sociology to the older social sciences and to all lines of social work. Lectures and Small and Vincent's *Introduction to the Study of Society*.

Fridays, 7:45 P.M., Room 11 C, Cobb Hall, University, beginning January 4.

History of Sociology. The evolution of ideas concerning man and society; the origin of Anthropology, Sociology, and the special social sciences; a critical review of the leading sociologists of today.

I. W. HOWERTH, A.M., Lecturer in Political Economy and Sociology.

Sociology. This course is intended for those who wish to begin the study of sociology. It will be based upon Small and Vincent's *Introduction to the Study of Society*. "The Origin and Scope of Sociology," "The Natural History of a Society," "Social Anatomy," "Social Physiology and Pathology" and "Social Psychology," are the subjects considered.

Thursdays, 7:45 P.M., Room 310, Western Union Building, southwest corner Clark and Jackson streets, beginning January 3.

Social Evolution. An advanced course in Descriptive Sociology meant to follow and supplement the preceding course. Special attention is given to the origin and development of social institutions.

ANTHROPOLOGY.

GERALD M. WEST, PH.D., Docent in Anthropology.

General Anthropology. A course based on Tylor's *Anthropology*, which each student will be required to read.

Saturdays, 9 A.M., Anthropological Room, Walker Museum, University, beginning January 5.

COMPARATIVE RELIGION.

GEORGE S. GOODSPEED, PH.D., Associate Professor of Comparative Religion.

Buddhism. Its History and Doctrines.

This class will not be organized for less than twelve persons.

GREEK.

WILLIAM C. SAYRS, A.M., Lecturer in Greek.

Greek for Beginners. The work of this course will be based upon Xenophon's *Anabasis*, and thorough drill will be given in the essential facts and laws of the language.

Saturdays, 8:30 A.M., Room 2 B, Cobb Hall, University, beginning January 5.

Saturdays, 7:45 P.M., Room 310, Western Union Building, southwest corner Clark and Jackson streets beginning January 5.

LATIN.

FRANK J. MILLER, PH.D., Assistant Professor of Latin.

The Historical Development of the Roman Satire. This course is offered running through two consecutive quarters. The first half of the course has already been given, tracing the development of Satire as a form of literature by the aid of the extant fragments through Ennius, Pacuvius, Lucilius and Varro, and including the study of the Satires of Horace. The "Ludus de Morte Claudii" of Seneca has been noticed as a remote imitation of the old *Satura* or medley. In the second half of this course which will occupy the ensuing Winter Quarter, a study will be made of some of the Satires of Persius and Juvenal from the standpoint of Satire as a form of literature. At the end of the course a glance will be taken at the English Satirists with the intention of discovering the extent to which these were influenced by the Roman Satirists.

Saturdays, 2 P.M., Room 60, Chicago Athenæum, 26 Van Buren street, beginning January 5.

A Course in Latin Prose Composition. This course will be adapted to teachers and to those who desire to secure a better knowledge of the construction of the Latin language through this means.

Thursdays, 2 P.M., Cobb Hall, University, beginning January 3.

C. A. ORR, A.B., Lecturer in Latin.

Cæsar for Beginners. Harper and Burgess' *Inductive Latin Primer*. The class will at the first lesson, take up a portion of the text of Cæsar, read it, translate it, and learn the grammatical facts and laws involved. By continuing this from lesson to lesson, a large amount of Latin can be read and many principles mastered in a short time. It will be an excellent course for those who wish to learn to use the inductive method.

Tuesdays, 7:30 P.M., 1013 North Halsted street beginning January 8.

Mondays, 7:30 P.M., Room 310, Western Union Building, southwest corner Clark and Jackson streets, beginning January 7.

Saturdays, 1:30 P.M., Room 6 B, Cobb Hall, University, beginning January 5.

The three classes named above began the work in the Autumn Quarter. They will continue during the Winter.

A new class will begin January 5, and meet Saturdays, 11 A.M., Room 310, Western Union Building, southwest corner Clark and Jackson streets.

Teachers' Course. The object of this course is to offer those who intend to teach Latin in preparatory schools special training for their work. It is believed that the teaching of *Beginning Latin* should be in charge of trained teachers and not as is too frequently the case assigned to the inexperienced.

The work of the course will include a study of the best methods of teaching all the subjects treated in the *Beginning Latin Books*. At the first meeting pronunciation will be the subject discussed. Nouns, adjectives, verbs, cases, order of words, and translation into Latin are some of the more important subjects planned for the work of this course.

Students who have taken a high school or college course and who wish to teach preparatory Latin will find this course well suited to their needs.

Saturdays, 3:45 P.M., Room 6 B, Cobb Hall, University, beginning January 5.

(This class will not be formed for less than fifteen students.)

FRENCH.

PAUL B. DE COMPIGNY, Lecturer in French.

Elementary French. Intended for those who are desirous of acquiring a reading rather than a speaking knowledge of the language. Though the most essential parts of the grammar and rules of pronunciation will not be neglected, reading will be begun at the earliest practicable moment.

Wednesdays, 4 P.M., St. Luke's Church, South Evans-ton, Ill., beginning January 2.

Reading Course. A sequel to the above course. Selections from modern French writers: Alexandre Dumas, George Sand, About, Mérimée, etc. The object of this course is to give the student a vocabulary that will enable him to read easy French at sight.

Wednesdays, 7:45 P.M., Cobb Hall, Room 16 B, University, beginning January 9.

Practical French for Beginners. Intended for those who desire to acquire a speaking rather than a reading knowledge of the language. Special attention will be

given to pronunciation and vocabulary, with special reference to travel.

Fridays, 7:30 P.M., Mrs. Hutchinson's Preparatory School, 253 East 52d street, beginning January 4.

Conversational French. A sequel to the preceding. Designed for those who have some speaking knowledge of the language. Topics of conversation: Paris and its monuments; historical events.

Thursdays, 3 P.M., Marshall Field Building, Suite 900½, beginning January 3.

Advanced French Composition and Translation.

Saturdays, 9 A.M., Chicago Preparatory School, 3715 Langley avenue, beginning January 5.

VIOLETTE E. SCHARFF, Lecturer in French.

French Literature. Dealing briefly with the first literary productions in the French tongue. Roman de la Rose, fabliaux, etc. A short sketch of the lives and works of French authors until the time of Louis XIV. The beginnings of the theater in France up to that time. Thorough study *du grand siècle*. Corneille, Moliere, l'Hotel de Rambouillet, Racine, La Fontaine.

Saturdays, 11 A.M., Dearborn Seminary, 2141 Calumet avenue, beginning January 5.

GERMAN.

CAMILLO VON KLENZE, PH.D., Instructor in German.

Advanced German Literature. Designed for those who have a good reading knowledge of German. The subject to be pursued will be decided upon in consultation with the class.

Saturdays, 9 A.M., Room 60, Chicago Athenæum, 26 Van Buren street, beginning January 5.

GEORGE MULFINGER, A.B., Reader in German.

Elementary German. This course is intended for beginners in German. Its aim is to enable the student to read easy German prose at sight, to accustom his ear to the sounds of the language, and to lead him to reply in short, accurate German sentences to the daily grammatical quiz upon the subject-matter studied.

Saturdays, 2 P.M., Room B 9, Cobb Hall, University, beginning January 5.

SCANDINAVIAN LITERATURE.

OLAUS DAHL, A.B., B.D., Lecturer in Scandinavian Literature.

Studies in Scandinavian Literature, with special reference to modern Norwegian literature, consisting

in reading and discussion of the best known works of the most prominent authors; Ibsen and Björnson will occupy most of the attention of the class.

ENGLISH.

ROBERT M. LOVETT, A.B., Instructor in English.

1. **Rhetoric and English Composition.** The aim of the course is to present the principles of rhetoric briefly and clearly with numerous illustrations, and to cultivate in the students the power of writing correctly, easily, and forcibly.

Saturdays, 7:00 P.M., Room 310, Western Union Building, southwest corner of Jackson and Clark streets, beginning January 5.

2. **English Composition.** Course 2 should be taken by students who wish a more thorough training in English Composition than is afforded by Course 1. The course will aim to give a practical knowledge of the principles of English prose style. There will be lectures by the instructor on the principles of rhetoric and their application to the various kinds of writing attempted in the course, themes will be read in the class, and criticisms will be made by the instructor and students; regular conferences between the instructor and students will be held at intervals. The work outside the class-room will include the preparation of six themes—narrations, descriptions, criticisms, expositions, etc.—which will be criticised by the instructor, and the writing of a number of short daily themes.

EDWARD C. PAGE, A.B., Lecturer in American History and Literature.

American Literature. Leading American authors studied. Their personal characteristics. Examination of typical selections from their writings. Views of their principal critics.

Fridays, 4 P.M., Trinity Reformed Episcopal Church, 70th street and Yale avenue, beginning January 4.

HORACE S. FISKE, A.M., Lecturer in English Literature.

Four English Romantic Poets. Wordsworth, Coleridge, Shelley, and Keats.

VERNON P. SQUIRES, A.B., Fellow in English.

Studies in Shakespeare. Inductive study of three or four plays and the sonnets. A half-hour lecture will also be given at each meeting on some subject of Shakespearean study, such as "The Drama before Shakespeare," "Shakespeare's Home and Boyhood," "Shakespeare's Sources," "The Chronological Order of the Plays," "The Shakespeare-Bacon Controversy," etc.

Fridays, 4 P.M., Von Humboldt School, corner Rockwell and Hirsch streets, beginning January 11.

Saturdays, 11 A.M., Chicago Athenæum, 26 Van Buren street, beginning January 5.

W. E. HENRY, A.M., Fellow in English.

Studies in Tennyson. The work will comprise: 1. A study in the movements of thought and feeling during the first three-quarters of the Nineteenth Century. 2. A class study of the most characteristic of Tennyson's poems, with a view to finding his attitude toward the movements of his time. Every element of the work will be for interpretative purposes rather than critical or historical, the ultimate end being to find a poetical representation of our century.

Fridays, 8 P.M., Room B 10, Cobb Hall, University, beginning January 4.

English Romantic Poetry, 1780-1830. Lectures and class-studies in the English Romantic period and in the poetry of Cowper, Burns, Crabbe, Coleridge, Wordsworth, Scott, Byron, Shelley, and Keats.

Tuesdays, 3:40 P.M., Burr School, Ashland and Waubansia avenues, beginning January 3.

BIBLICAL LITERATURE.

CHARLES F. KENT, Ph.D., Instructor in Biblical Literature.

Outlines of Hebrew History. A study of the history of the Hebrew people from their settlement in Canaan to the fall of Jerusalem in the light of the Biblical record, the monuments, historical, geography, and modern oriental life. The aim of the course will be: (1) To familiarize the student with the best methods of systematic Bible study. (2) To become acquainted with the leading facts, features, and forces of Hebrew history and to unify these. (3) Thus to become acquainted with the historic background of the books of the Old Testament.

Sundays, 12 M., First Presbyterian Church, Indiana avenue and Twenty-first street, beginning January 6.

Tuesdays, 7:30 P.M., Presbyterian Church, Grand boulevard and Forty-first street, beginning January 8.

Fridays, 7:45 P.M., Humboldt Park Baptist Church, beginning January 3.

Saturdays, 4 P.M., Fourth Presbyterian Church, Superior and Rush streets, beginning January 5.

NEW TESTAMENT LITERATURE.

CLYDE W. VOTAW, A.M., Tutor in Biblical Literature.

The Teaching of Jesus. A study of the records of Christ's teachings with reference to the principles to be applied in arranging and understanding them, a classification of the material under specific topics, and a discussion of the main themes of Jesus' teaching, including its relation to the religious thought of his time.

Studies in Biblical Greek. An introduction to the original language of the New Testament. A comparison of Biblical Greek, with classical Greek, and a careful reading of one Gospel and one Pauline Epistle, the purpose of which will be to discover what is gained by reading the New Testament in the original as contrasted with reading it in the current English versions.

The Gospel of Matthew in Greek. A thorough study of this book in its original language with reference to its authorship, structure, and purpose; careful translation and interpretation of the text; outline of Jesus' teaching as here recorded; the distinctive features of this Gospel.

MATHEMATICS.

HERBERT E. COBB, A.M., Lecturer in Mathematics.

Plane Geometry. Circles, similar polygons, and areas of plane figures. This course will include Books II. and III., Wentworth's Geometry.

Saturdays, 9 A.M., Room 310, Western Union Building, beginning January 5.

Solid Geometry.

Saturdays, 2 P.M., Room 310, Western Union Building, beginning January 5.

Elementary Algebra. For beginners. The work will extend through fractions.

Fridays, 7:45 P.M., Room B 7, Cobb Hall, University, beginning January 4.

Review Course in Algebra. This course is intended especially for those who wish to prepare for entrance examinations.

Mondays, 7:45 P.M., Room B 7, Cobb Hall, University, beginning January 7.

ASTRONOMY.

KURT LAVES, Ph.D., Assistant in Astronomy.

General Astronomy. This course is intended as an introduction to Astronomy, and special stress will be laid upon the fundamental principles of the science. The course will be illustrated by charts and apparatus, and members of the class will have the benefit of practical work in the observatory with the Universal instrument and the Equatorial.

Prerequisites: Algebra and Trigonometry.

Thursdays, 7:45 P.M., Room 35, Ryerson Physical Laboratory, University, beginning January 3.

CHEMISTRY.

F. L. MORSE, A.M., Lecturer in Chemistry.

Elementary Chemistry. General principles of Inorganic Chemistry. The more common elements and compounds will be prepared and their properties observed by actual experiment. The course

will meet the requirements in Chemistry for admission to the University.

Fridays, 4:00 P.M., West Division High School, beginning January 4. (If desired a class may also be formed to meet Saturday mornings.)

NEWLAND F. SMITH, Ph.B., Lecturer in Physics.

Elementary Mechanics. Relations of force, motion, velocity, and acceleration. Composition and resolution of forces. Hydrostatics and pneumatics.

The aim of the course will be to give such a knowledge of the principles of mechanics as can be acquired without the use of higher mathematics.

Thursdays, 7:30 P.M., Room B 9, Cobb Hall, University, beginning January 3.

Electricity and Magnetism. Frictional electricity, Magnets. Voltaic electricity, Electric measurements. Practical applications of electricity and magnetism.

As much experimental work will be introduced as the apparatus available will allow.

Fridays, 7:30 P.M., Dearborn Seminary, 2141 Calumet avenue, beginning January 4.

GEOLOGY.

R. D. SALISBURY, A.M., Professor of Geographic Geology.

Geographic Geology. The course will deal with the origin, development, and destruction of the more common geographic features. The prime object of the course will be to bring out the general fact of constant geographic change, and the agencies, processes, and methods by which these changes are effected. The course will deal primarily with rivers and their work, with glaciers and their work, and with lakes and seas and the geographic results which they effect or influence. The course will be untechnical.

Wednesdays, 4 P.M., Cook County Normal School, Stewart avenue, near 68th street, beginning January 9.

The Evolution of the North American Continent. This course is designed primarily for those who have had the preceding course, but others whose acquirements satisfy the instructor may be admitted.

Saturdays, 2:30 P.M., Room 62, Chicago Athenæum, 26 Van Buren street, beginning January 5.

HENRY B. KÜMMEL, A.M., Fellow in Geology.

Geographic Geology. The course will deal with the origin, development, and destruction of the more common geographic features. The prime object of the course will be to bring out the general fact of constant geographic change, and the agencies, processes, and methods by which these changes are effected. The course will deal primarily with rivers and their work,

with glaciers and their work, and with lakes and seas and the geographic results which they effect or influence. The course will be untechnical.

Saturdays, 9:00 A.M., Chicago Athenæum, 26 Van Buren street, beginning January 5.

(This class will not be organized for less than ten students.)

ZOOLOGY.

WALTER E. GARREY, B.S., Lecturer in Zoölogy.

Elementary Course in the Morphology of Vertebrates. A series of types, representing the principal groups of vertebrate animals, will be studied, with special reference to their comparative morphology. The work will require two hours per week, one hour devoted to lectures and demonstration and one to laboratory study.

WORRALLO WHITNEY, A.M., Lecturer in Zoölogy.

Elementary Zoölogy, with special reference to the invertebrates.

BOTANY.

HENRY L. CLARKE, Lecturer in Botany.

Plant Evolution. The practical application of the law of evolution to the working principles of systematic botany. The evolutionary relationships of the plant world. Each lecture-hour to be followed by an hour of class discussion, optional with members of the class.

LECTURE SUBJECTS.

1. Principles of Organic Evolution.
2. Plant Characteristics.
3. The Development of Floral Organs.
4. Principles of Classification.
5. The Energy of Plant Life.
6. The Interdependence of Insects and Flowering plants.

7. Geological History of Plants.

8. The Geographical Distribution of Tree Types.

9. The Science of Blooming Periods.

10. Origin of Cultivated Plants.

11. History of Botany.

12. The Purpose of Evolutionary Botany.

The course is especially designed for High School teachers of Science and Grammar School principals who are directing the "Nature Study" work of the Grammar grades.

This course will be given at 7:45 P.M., Friday evenings, beginning January 4, at the Dearborn Seminary, 2141 Calumet avenue, provided twenty applications for membership are received.

FREDERIC C. LUCAS, B.S., Lecturer in Botany.

Elementary Course in Plant Morphology. The course will consist mainly in the study of types representing the several branches of the plant kingdom, and is intended to illustrate the principal features of plant structure. Two hours a week, one of which will be devoted to laboratory work and demonstrations.

Fridays, 7:45 P.M., Cobb Hall, University, beginning October 4.

Practical Botany. The course will consist in the study of types illustrating the various branches of the plant kingdom. The work will be mainly laboratory work, with occasional lectures and demonstrations.

Saturdays, 2 P.M., Room 60, Chicago Athenæum, 26 Van Buren street, beginning January 5.

WALTER R. MITCHELL, B.S., Lecturer in Botany.

The Structure of Plants. The origin, development, and functions of plant tissues and organs will be the basis for laboratory study; lectures, demonstrations, and experiments will be given in connection.

Fridays, 4 P.M., Botanical Laboratory, Walker Museum, University, beginning January 4.

UNIVERSITY EXTENSION LECTURES.

I. GENERAL INFORMATION.

Aim of University Extension.—The aim of University Extension is to extend to those who, for any reason, cannot reside at the universities whatever university advantages such persons desire and can use. It is satisfactorily proved that in almost every community there are large numbers of persons of all ages and all occupations who would like to maintain some kind of intellectual life in a systematic and continuous way. It is clear that among the agencies for assisting such persons the universities have peculiar advantages to offer in the way of books, apparatus, and specially prepared instructors. Whatever means may be serviceable in extending these advantages beyond the university class-rooms are legitimately within the scope of University Extension.

University Extension in its present form was first organized by the University of Cambridge in 1873. The London Society undertook a similar work for London in 1876; and the University of Oxford did likewise in 1878. The success of the work attracted the attention of the leading educators in other countries. It may be said to be taking root in Belgium, Holland, France, Italy, Germany, Russia, Scandinavia, India, Australia, and Canada.

University Extension was first organized in this country in 1890 by the Philadelphia Society. The rapid development of the movement has employed and enlarged the activities of many of the best colleges and universities from Maine to the Pacific and from Canada to New Orleans.

The University of Chicago was the first to recognize in their fullness, the claims of this new movement. It has organized a University Extension Division with a University Extension Faculty. The success which has attended the work organized in this way, has demonstrated that conscientious students may expect good results from it.

Methods.—The University of Chicago extends its teaching beyond its class-rooms in three different ways: (1) By lecture study courses; (2) by organizing evening and Saturday classes in Chicago and its immediate suburbs; (3) by correspondence. On applica-

tion, special circulars will be sent, explaining the work offered by the Class-work Department and by that of Correspondence Teaching.

University Extension Lecture-Studies.—University Extension lectures are distinguished from the ordinary lecture, (1) in seeking to stimulate and to instruct, rather than chiefly to entertain; (2) in being given in series, rather than as single lectures; (3) in offering every practical facility for reading, study, and writing in connection with the course, and (4) in extending recognition for the work done. The special features of the work resulting may be more particularly explained as follows:

- (1) *Lectures.* A full course consists of twelve lectures, delivered at weekly or fortnightly intervals; short courses of six are permitted. A course is usually given during the three months before Christmas, or the four months after Christmas. Each lecture occupies about an hour.
- (2) *Reviews.* For about three-quarters of an hour preceding or following each lecture, those who so wish discuss with the lecturer any points of difficulty which may have arisen during the former lecture. The object of the "class" is to give students an opportunity of coming into personal contact with the lecturer, in order that they may by conversation and discussion with him the better familiarize their minds with the principles of the subjects considered.
- (3) *Syllabus.* In their use of text-books, the students are assisted by the printed syllabus of the course—a copy of which is in the hands of each student—giving an analysis of the lectures and providing a list of books recommended for study.
- (4) *Weekly Exercises.* Questions are set on each lecture; answers are sent by mail to the lecturer, to be corrected by him and returned to the students at the following lecture.

(5) *Traveling Library.* Where it is possible, in connection with a course, the University sends a traveling library, which contains copies of the principal text-books and authorities recommended by the lecturer. The library is returned to the University at the close of the course. Upon the payment of an additional charge to cover the expenses, certain courses may be illustrated by lantern slides.

Recognition of Lecture-Study Work.—Each syllabus is provided with a leaf upon which the student may enter a record of reading or reading and writing done by him in connection with the course. This record is to be certified by the lecturer and returned to the student.

University Credit.—Students who perform certain designated work in connection with a twelve-lecture course, and take examination at the University, may receive credit in the University for a Minor in the subject upon which the course has been given. The conditions upon which this credit may be received, are explained in detail in a Circular of Information which will be sent on application.

Local Center.—Before a course is arranged, the University requires some local institution, or a

committee formed for the purpose, to guarantee the expense of the course and to undertake the necessary local arrangements. The members of the local committee select a subject for the course after deciding on the number of lectures to be given, and arrange with the University for the services of a lecturer. A list of the courses which are offered, together with other information relating to this work, will be found in the Circular of Information published by the University Extension Division.

The University Extension World—Is published quarterly by the University. It aims particularly to help those who are interested in the University Extension movement, either as students or as local organizers. It will be found a helpful medium for maintaining an interest in the work.

The subscription price is one dollar a year; to clubs of ten or more, when sent to one address, sixty cents each; if sent to individual addresses, eighty cents each.

Inquiries.—The Circular of Information containing fuller details of the courses and particulars as to their cost, together with plans for the organization of a University Extension Center, can be obtained on application.

II. COURSES OF LECTURE-STUDIES.

I. PHILOSOPHY.

ASSOCIATE PROFESSOR TUFTS.

Movements of Thought in the Nineteenth Century.

III. POLITICAL SCIENCE.

MR. OGDEN.

Early English Institutions.

Genesis of Some American Institutions.

Virginia Statesmen of the Revolution.

MR. CONGER.

The Physical, Historical and Political Geography of Europe.

The Great Commercial Cities of Antiquity.

IV. HISTORY.

PROFESSOR TERRY.

An Introduction to the Study of History.

The Ethnic Foundation of Modern Civilization.

Political Foundation of Modern Civilization.

Baron and King—the Evolution of a Typical European Monarchy.

PROFESSOR GORDY.

The History of Political Parties in the United States.

Representative American Statesmen.

ASSOCIATE PROFESSOR THATCHER.

The History of the Middle Ages.

Mohammed, Mohammedanism, and the Crusades.

ASSISTANT PROFESSOR GROSE.

The Political Development of the European Nations since 1792.

The Founding of the German Empire of Today.

Studies in the History of Europe from the French Revolution to the Present Time.

Character Studies in Nineteenth Century History.

DR. SHEPARDSON.

Social Life in the American Colonies.

American Statesmen and great Historic Movements.

DR. WIRTH.

Neueste Geschichte von Afrika.

Gegenwärtige Zustände im Orient.

Herodot—der erste Geschichtsschreiber des Altertums.

MR. HUNTER.

Roman, Barbarian, and Christian.

MR. WEBSTER.

The Making and Makers of Our Republic.
Six American Statesmen.

MR. WISHART.

Monks and Monasteries.

VI. SOCIOLOGY AND ANTHROPOLOGY.

HEAD PROFESSOR SMALL.

First Steps in Sociology.
Die Grundzüge der Sociologie.

ASSOCIATE PROFESSOR BEMIS.

Questions of Labor and Social Reform.
Questions of Monopoly and Taxation.
Some Social and Industrial Forces in American
History.

ASSOCIATE PROFESSOR HENDERSON.

Charities and Corrections.
The Family--a Sociological Study.

ASSISTANT PROFESSOR STARR.

Some First Steps in Human Progress.
The Native Races of North America.
Early Man in Europe.
Evolution.

MR. ZEUBLIN.

A Century of Social Reform.
Social Reform in Fiction.

MR. GENTLES.

First Aid to the Injured.

MR. FULCOMER.

Some Leaders in Sociology.
Utopias.

MR. RAYMOND.

Social Aspects of the Labor Movement.

DR. MAX WEST.

The New Philanthropy.

DR. GERALD WEST.

Lectures on Man.
The Aryans.

MR. HOWERTH.

Some Social Experiments.

VII. COMPARATIVE RELIGION.

MR. BUCKLEY.

Shinto, the Ethnic Faith of Japan.
The Science of Religion.

VIII. THE SEMITIC LANGUAGES AND LITERATURES.

MR. WALKER.

The History and Institutions of Islam.

XI AND XII. THE GREEK AND LATIN LANGUAGES AND
LITERATURES.

PROFESSOR SHOREY.

Six Readings from Horace.
Homer, the Iliad.
Studies in the Greek Drama.

ASSISTANT PROFESSOR CASTLE.

The Decline and Fall of Greece.

ASSISTANT PROFESSOR MILLER.

Virgil.

XIII. ROMANCE LANGUAGES AND LITERATURES.

ASSISTANT PROFESSOR BERGERON.

French Literature.
Littérature Française.

MR. HOWLAND.

The Italian Poets.
Six Italian Prose Writers.

MR. DE POYEN-BELLISLE.

L'Evolution du Théâtre en France.

XV. THE ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR MOULTON.

Studies in Biblical Literature.
The Tragedies of Shakespeare.
Ancient Tragedy for English Audiences.
Stories as a Mode of Thinking.
Spenser's Legend of Temperance.
Literary Criticism and Theory of Int
Shakespeare's "Tempest" w
Studies.

ASSOCIATE PROFESSOR BUTLER.

Preliminary Course in Eng
Some Studies in American

ASSOCIATE PROFESSOR M

Introduction to the S
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Lectures on Fic

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Studies in

MR. CLARK

Poetry

MR. HERRICK.

The Creation of the English Novel.
The Decay of Romanticism in English Poetry.
Studies in Style.

MISS CHAPIN.

General Survey of American Literature.
Masterpieces of English Poetry.

MR. JONES.

Prophets of Modern Literature.
Masterpieces of George Eliot.
Social Studies in Henrik Ibsen.

MR. FISKE.

Five Plays of Shakespeare.

XVI. BIBLICAL LITERATURE IN ENGLISH.

HEAD PROFESSOR HARPER.

The Stories of Genesis.

HEAD PROFESSOR BURTON.

The Second Group of Paul's Letters.

PROFESSOR HIRSCH.

Religion in the Talmud.
The Jewish Sects.
Biblical Literature.
History of Judaism.

ASSOCIATE PROFESSOR MATHEWS.

The History of New Testament Times in Palestine.

ASSOCIATE PROFESSOR PRICE.

What the Monuments tell us relative to the Old Testament.
The Forgotten Empires and the Old Testament.

ASSOCIATE PROFESSOR THATCHER.

Apostolic Church.
Life and Work of Paul.

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Prophecy studied in the Light of the
the Assyrian Period.

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Four Gospels.

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XIX. PHYSICS.

ASSISTANT PROFESSOR STRATTON.
Sound.ASSISTANT PROFESSOR CORNISH.
Hydrostatics and Pneumatics.

MR. BELDING.

Elements of Electricity and Magnetism.

XX. CHEMISTRY.

MR. MORSE.

General Chemistry.
Chemistry of Everyday Life.

XXI. GEOLOGY.

PROFESSOR SALISBURY.

Landscape Geology.
The Evolution of the North American Continent.

XXII. ZOOLOGY.

MR. COLE.

General Course in Bacteriology.

MICROSCOPY.

MR. MORSE.

The Microscope and its Uses.

MUSIC.

DR. WILLIAMS.

Music.

ART.

MR. FRENCH.

Painting and Sculpture.

MR. TAFT.

Ancient Sculpture.
Contemporary French Art.
Contemporaneous Art.

MR. SCHREIBER.

History of Art.
Child Study.

SCANDINAVIAN LITERATURE.

MR. DAHL.

Social Studies in Björnson and Ibsen.
Norwegian Literature.
Swedish and Danish Literatures.

RUSSIAN LITERATURE.

DR. HOURWICH.

Studies in Russian Literature.

JAPANESE INSTITUTIONS.

MR. CLEMENT.

Japan and the Japanese.
Japanese History and Civilization.

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