

**THE SUMMER SCHOOL OF ARTS
AND SCIENCES,
ANNOUNCEMENT FOR 1901,
CATALOGUE OF STUDENTS IN
1900**

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The Summer School of Arts and Sciences, Announcement for 1901, Catalogue of Students in 1900 by Various

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VARIOUS

**THE SUMMER SCHOOL OF ARTS
AND SCIENCES,
ANNOUNCEMENT FOR 1901,
CATALOGUE OF
STUDENTS IN 1900**

HARVARD UNIVERSITY

THE
SUMMER SCHOOL
OF
ARTS AND SCIENCES

*ANNOUNCEMENT FOR 1901
CATALOGUE OF STUDENTS IN 1900*



CAMBRIDGE
Published by the University
1901

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COMMITTEE IN CHARGE OF THE SUMMER SCHOOL OF
ARTS AND SCIENCES.

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PAUL H. HANUS, S.B., *Assistant Professor of the Theory and Practice of Education.*

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Clerk of the Summer School, J. L. LOVE, A.M.

Office: 16 University Hall, Cambridge, Mass.

Office hours: from July 2 to 6, 8 A.M. to 9 P.M.; after July 6, 8 A.M. to 5 P.M., Saturday, 8 A.M. to 12 M.

The Summer Courses of Instruction at Harvard University, with the exception of those given in the Medical School and the Divinity School, are under the charge of a committee of the Faculty of Arts and Sciences.

SUMMER SCHOOL OF ARTS AND SCIENCES.

GENERAL STATEMENT.

LIST OF COURSES.

During the summer of 1901 courses of instruction will be given as follows:—

Greek, one course:

Greek for Beginners.

Latin, one course:

Course for Teachers.

English, seven courses:

Elementary Composition;

Advanced Composition;

Second Advanced Composition;

Anglo-Saxon;

Shakspeare;

English Literature of the Eighteenth Century;

English Literature, in Outline, from Anglo-Saxon Times to the Present.

Public Speaking and Reading, one course:

For Teachers, Speakers, and Readers.

German, two courses:

Composition and Conversation;

German Literature of the Classic Period.

French, two courses:

Grammar, Reading and Translation;

Literature, Reading, and Composition.

Spanish, one course:

Grammar, Reading, and Literature.

History and Government, four courses:

Roman History ;
 English History ;
 American History ;
 Civil Government.

Psychology, two courses:

Psychology of the Senses and the Development of Voluntary Motor Ability ;
 Experimental Investigations in the Field of Sensory and Motor Activity.

Education, two courses:

General Principles of Education, Courses of Study, Organization and Administration of School Systems ;
 The History of Education.

Theory of Design, one course:

For Designers, Teachers of Design, and Teachers of the History of Art.

Freehand Drawing, one course:

Theory and Practice.

Music, two courses:

Technical ;
 Historical and Literary.

Mathematics, five courses:

Trigonometry ;
 Analytic Geometry ;
 Advanced Algebra ;
 Solid Geometry ;
 Differential and Integral Calculus.

Astronomy, one course:

Elementary Course for Teachers.

Surveying, three courses:

Plane Surveying ;
 Geodetic Surveying ;
 Railroad Surveying.

Shopwork, four courses:

Chipping, Filing, and Fitting ;
 Blacksmithing ;
 Pattern Making and Foundry Practice ;
 Machine-shop Practice.

Physics, two courses :

- Elementary Experimental Physics ;
- Advanced Course in Experimental Physics.

Chemistry, three courses :

- Elementary Theoretical and Descriptive Chemistry ;
- Advanced Course in General Chemistry ;
- Elementary Organic Chemistry.

Botany, two courses :

- Elementary Morphological and Physiological Botany ;
- Advanced Course in Morphology and Ecology.

Geology, two courses :

- Elementary Geology ;
- Advanced Geological Field-work.

Geography, one course :

- General Course for Teachers.

Physical Training, five courses :

- Theory, two courses ;
- Practice, two courses ;
- Special Course.

In general, the courses in the Summer School are adapted to the needs of teachers and of those who intend to be teachers. A few of the more elementary, however, are intended also to meet the needs of beginners ; and some of them may be taken in lieu of the corresponding courses in Harvard College or the Lawrence Scientific School, and may be counted towards the degree of A.B. or S.B.

It should be clearly understood that in general the courses of study are so planned that the student may most profitably devote all his time to a single course. It is in most cases impracticable successfully to take more than one course ; and students are advised in no case to attempt two courses without consulting the instructors.

Women as well as men are admitted to the courses, except to those in Surveying, Shopwork, and advanced Geological field-work.

CERTIFICATE ON SUMMER COURSE.

A student who pursues and satisfactorily completes the work of any course in the Summer School will be given a certificate.

EVENING LECTURES.

In addition to the courses described herein, a series of evening lectures will be given by members of the Faculty and others. These lectures will be open, without charge, to members of the Summer School. They will be held in the lecture-room of the Fogg Museum of Art, and will begin at 7.30 P.M.

EXCURSIONS TO PLACES OF HISTORIC INTEREST.

A series of excursions, open to all members of the Summer School, will be conducted to places of historic interest about Cambridge, Boston, Lexington, Concord, Plymouth, and Salem. For details, see page 77 of this pamphlet.

TEXT-BOOK LIBRARY.

An arrangement has been made with publishers by means of which students in the Summer School have access to a comprehensive TEXT-BOOK LIBRARY. This will be in charge of an attendant, who will assist students to find the books in which they may be interested. No orders for books will be taken, and no books will be sold. The purpose of this collection is to provide a library in which students may study the comparative merits of the several text-books in a given subject. This library will be found in Room 15, Sever Hall. It will be open daily from 9 A.M. till 12 M.; and, except on Saturday, from 1.30 P.M. till 4 P.M.

THE UNIVERSITY LIBRARY AND THE MUSEUMS.

During the session of the School the University Library will be open every week-day from 9 A.M. till 5.30 P.M. except on Saturday, — open from 9 A.M. till 1 P.M. The Library contains about 400,000 volumes, besides an equal number of pamphlets, charts, etc. The Museum of Comparative Zoölogy, the Peabody Museum, the Semitic Museum, the Fogg Museum of Art, the Botanic Garden, and the Mineralogical Collection, are also accessible to members of the Summer School.

REGISTRATION AND FEE.

Before enrolling in a class a student must register at the office of the Clerk of the Summer School, 16 University Hall, and pay the fee for instruction to the Bursar at Dane Hall.