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UNIVERSITY OF CINCINNATI BULLETIN

Vol. XXXV

APRIL 1, 1939

No. 8

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

ANNOUNCEMENT FOR

1939-1940



PUBLISHED BY THE UNIVERSITY OF CINCINNATI
VAN WORMER ADMINISTRATION BUILDING
CINCINNATI, OHIO

Issued sixteen times a year—once in January, May, September, October, November, December; twice in February; four times in March and April.

Entered as second-class matter December 9, 1938, at the post office at Cincinnati, Ohio, under the Act of August 24, 1912.

FINE ARTS

Supplementary work is required of graduate students taking courses open to undergraduates.

101. PRINCIPLES OF DESIGN IN THE DECORATIVE ARTS.—M., W., 11:00-12:00 at the Art Museum. Mr. Siple
The development of furniture, textiles, and period styles from the Gothic to the present time. Attention is devoted to function and material and their effect on design.
120. THE POTTING OF GREEK VASES.—Two hours a week. Mr. Nash
Experiments inquiring into materials and methods used by Greek potters in the production of their painted vases.

GEOLOGY AND GEOGRAPHY

By agreement graduate students may enter undergraduate courses Nos. 5, 7, 8, 9, 21, 48a, 61, s61b, 62, 63, s63b, 64, 65, 66, 67, and s69b. Supplementary work is required of graduate students taking courses open to undergraduates.

112. PETROGRAPHY.—Five credits. Mr. von Schlichten
Prerequisite: Geology 7.
116. ADVANCED PHYSIOGRAPHY OF THE UNITED STATES.—Lecture, W., 4:10-6:10; S., 10:30-11:30. Three credits. Mr. Fenneman
Prerequisite: Geology 9.
118. WORLD PHYSIOGRAPHY.—Lectures and conferences. Three credits.
Mr. Barbour
125. STRUCTURAL AND METAMORPHIC GEOLOGY.—Four credits.
Lecture and laboratory. Mr. Rich
Prerequisite: Geology 9.
This course is given once in two years, beginning in September of the even-numbered years and alternating with Geology 156, Economic Geology.
Not given in 1939-1940.
- 149b. ADVANCED CRYSTALLOGRAPHY.—Three credits.
Prerequisite: Geology 112. Messrs. von Schlichten, Sandberg
This course is given once in two years, alternating with Geology 151b, Petrology of Igneous Rocks.
- 151b. PETROLOGY OF IGNEOUS ROCKS.—Three credits.
Prerequisite: Geology 112. Mr. von Schlichten
This course is given once in two years, alternating with Geology 149b, Advanced Crystallography.
Not given in 1939-1940.
156. ECONOMIC GEOLOGY.—Four credits. Mr. Rich
Lectures, laboratory, and two weeks' field trip.
Prerequisite: Geology 112.
This course is given once in two years, beginning in September of the odd-numbered years and alternating with Geology 125, Structural and Metamorphic Geology.
157. INTERPRETATION OF SEDIMENTS.—Lectures and demonstrations. Two credits. Mr. Bucher
Prerequisite: Geology 9.

170. SEMINAR.—M., 4:10.
 171. INDIVIDUAL WORK IN GEOLOGY.
 175. INDIVIDUAL WORK IN GEOGRAPHY.

The following courses, regularly given, are omitted during 1939-1940: 125, Structural and Metamorphic Geology; 151b, Petrology of Igneous Rocks.

GERMAN

Supplementary work is required of graduate students taking courses open to undergraduates.

Attention is called to German 23, German Readings in General Science, listed in the Announcement of the College of Liberal Arts. This course will be of value to graduate students in science departments who wish to prepare for the reading examination in German given to candidates for the doctor's degree.

105. *HISTORY OF GERMAN LITERATURE TO THE NINETEENTH CENTURY.—M., W., F., 10:30-11:30. Mr. Zeydel
 Special study of the classic periods of the twelfth and eighteenth centuries.
106. *MODERN GERMAN DRAMA.—Tu., Th., 10:30-11:30. Mr. Seemann
108. OLD HIGH GERMAN AND OLD SAXON.—Tu., 4:10-6:10. Mr. Palmer
110. GOETHE'S LIFE AND WORKS.—W., 4:10-6:10. Mr. Seemann
122. LESSING AND SCHILLER.—Th., 4:10-6:10. Mr. Zeydel
147. HISTORY OF THE ENGLISH LANGUAGE.—M., 4:00-6:00. Mr. Lotspeich
 Introduction to linguistics, phonetics, and comparative philology based on a study of Gothic.
 See Course 147 of the Department of English.

The following courses, regularly given, are omitted during 1939-1940: 107, Middle High German; 111, German Drama of the Nineteenth Century; 112, Goethe's *Faust* (Interpretation of Both Parts); 113a, Gothic; 114, Recent Development of German Literature; 115, History of the German Language; 117, Origin and Development of the German Drama to 1800; 118, German Romanticism; 119, Heinrich Heine and Gottfried Keller; 121, Modern German Fiction; 151, Research.

HISTORY

Supplementary work is required of graduate students taking courses open to undergraduates.

- 120a. THE AMERICAN COLONIAL PERIOD.—Tu., Th., 3:30-5:00. Mr. Bond
- 120b. THE AMERICAN REVOLUTION AND THE BASES OF THE CONSTITUTION.—Tu., Th., 3:30-5:00. Mr. Bond
122. ADVANCED COURSE IN ROMAN HISTORY.—Th., 4:10-6:10. Mr. McGregor
 See Course 122 of the Department of Classics.

*These courses give half credit unless extra work of a graduate nature is registered for at the beginning of the semester.

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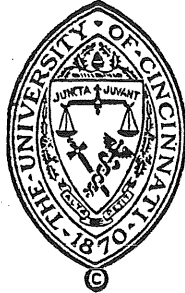
APRIL 8, 1939

No. 9

ANNOUNCEMENT OF COURSES

McMICKEN COLLEGE OF LIBERAL ARTS

1939-1940



PUBLISHED BY THE UNIVERSITY OF CINCINNATI
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FINE ARTS

2. Music.—M., W., 2:10-3:30. 5 Hanna. Miss Coops
(1st sem. Musical form, expression, and composition; trends in musical
half-course) art; selected musical literature.
For statements regarding credit for work in art and in music,
see pages 33, 34.

GEOLOGY AND GEOGRAPHY

PROFESSORS FENNEMAN*, BUCHER, CASE, RICH, BARBOUR; ASSISTANT
PROFESSORS VON SCHLICHTEN, BERGSMARK; INSTRUCTORS SANDBERG, DEASY

Fields of concentration are offered in geology and geography as follows: Mineralogy-Petrography; Dynamic Geology-Physiography; Stratigraphy-Structural Geology; Paleontology; Economic Geology; Economic Geography. For details, the Chairman of the Department should be consulted to insure a well-rounded program, planned carefully with reference to the comprehensive examination required in the whole College for graduation. A student wishing to major in geology must present Geology 1, including laboratory, or its equivalent. A student wishing to major in geography must present Geography 60 or its equivalent.

Among the bracketed courses recommended to students who will concentrate in geology are the following (preference depending in part on fields of concentration): Chemistry 1, Physics 1, Zoology 1, 5, and 7; Botany 1, 3, 20, 21; Geography 60 or 260; Mathematics A, 3, 2, 5; Astronomy 1, 2; German 1, 2; Economics 1; Philosophy 2.

Among the bracketed courses recommended to students who will concentrate in geography are the following: Geology 1; History 1 or 10; Economics 1; Political Science 12; Botany 1, 3, 20, 21; Sociology 3, 5, 20.

Students looking towards a professional career in geology should consult early with the Head of Department concerning opportunities for gaining field experience.

1. INTRODUCTION TO EARTH SCIENCES.—Lectures, M., W., F.,
8:30-9:30. 6 Old Tech. Mr. Barbour

This course is designed primarily for Freshmen. It is prerequisite to all other geology courses with the exception of 5, 7, and 8. It is not required for any geography courses. By agreement with the instructor in charge, students who have finished their required science may omit the laboratory course.

LABORATORY EXERCISES.—Section I: M., W., 1:10-4:10; Sec.
II: Tu., Th., 1:10-4:10. For possible sections at other hours,
consult the instructor in charge. 24 Old Tech.

Mr. Barbour and assistants
(For special credit, see footnote below.**)

5. TOPOGRAPHIC MAPPING.— Mr. Rich
(2nd sem. Practice in topographic mapping with plane table, open sight,
half-course) and telescopic alidade.
(For credit see footnote below. †)

*Professor Emeritus in part-time service.

**Any two of the following courses, when pursued simultaneously, count as three half-courses for a semester or as three courses for the year: 1, 7, 12, 25, 26, or 56. A similar rating is applied when any one of these is taken simultaneously with any other five-hour science course.

†Any two of the following courses are equivalent to one-half course: 5, 6, 21, 22, 23, or 71.

6. GEOLOGY OF THE VICINITY OF CINCINNATI.—
(2nd sem. quarter-course) Mr. Bucher and assistants
One-half day, each Saturday. Schedule to be arranged.
Laboratory and field work only.
(For credit see footnote below. *)
7. ELEMENTARY MINERALOGY.—Lectures and laboratory, Tu., Th.,
S., 9:30-10:30; F., 1:10-5:10. 37 Old Tech. Mr. Sandberg
Prerequisite: High School or Freshman Chemistry.
(For credit see footnote below. **)
9. HISTORICAL GEOLOGY.—Tu., Th., 8:30-9:30 and conferences.
37 Old Tech. Mr. Bucher
Courses 7 and 9 accepted as graduate work by agreement with
the professor in charge.
Prerequisite: Course 1.
- 21, 22, 23. GEOLOGIC DEMONSTRATION TRIPS.— Mr. Bucher
Automobile trips covering a distance of 700 to 1,000 miles
each way, devoted to a study of important geologic features
along the route. Trips designed for undergraduates. Special
work required for graduate credit. The three numbers stand
for three different excursions given in successive years.
Prerequisite: Course 1.
(For credit see footnote below. *)
60. ELEMENTS OF WORLD GEOGRAPHY.—M., W., F., two sections,
11:30-12:30 and 1:10-2:10. 30 and 6 Old Tech.
Messrs. Case, Bergsmark
A general survey of climate, relief, soils, and other resources
and their effects on industry, commerce, and culture.
This course may be entered in February by students who
secure the instructor's permission.

For Upper-Classmen†

8. INVERTEBRATE PALAEONTOLOGY.—26 Old Tech. Mr. Bucher
12. PETROGRAPHY.—32 Old Tech. Mr. von Schlichten
Prerequisite: Course 7.
(For credit see footnote below. **)
16. ADVANCED PHYSIOGRAPHY OF THE UNITED STATES.—W., 4:10-
6:10; S., 10:30-11:30. 28 Old Tech. Mr. Fenneman
Runs through two years, but may be entered at the beginning
of any semester.
Prerequisite: Courses 1 and 9.
18. WORLD PHYSIOGRAPHY.—24 Old Tech. Mr. Barbour
Prerequisite: Course 1.
48. MEGASCOPIC PETROGRAPHY.— Mr. Sandberg
(1st sem. half-course) Prerequisites: Courses 1 and 7.

*Any two of the following courses are equivalent to one-half course: 5, 6, 21, 22, 23, or 71.

**Any two of the following courses, when pursued simultaneously, count as three half-courses for a semester or as three courses for the year: 1, 7, 12, 25, 26, or 56. A similar rating is applied when any one of these is taken simultaneously with any other five-hour science course.

†Graduate credit will be given for additional work by special agreement.

49. ADVANCED CRYSTALLOGRAPHY.— Messrs. von Schlichten,
(2nd sem. Prerequisite: Course 7. Sandberg
half-course)
56. ECONOMIC GEOLOGY.— Mr. Rich
Lecture, laboratory, and two weeks' field trip. This course
is given once in two years, beginning in September of the odd-
numbered years.
Prerequisite: Course 12.
(For credit see footnote below. *)
57. INTERPRETATION OF SEDIMENTS.— Mr. Bucher
Lectures and laboratory.
Prerequisite: Course 9.
61. GEOGRAPHY OF LATIN AMERICA.—W., 4:10-5:50 and conferences.
(1st sem. 6 Old Tech. Mr. Case
half-course)
62. GEOGRAPHY OF AFRICA AND AUSTRALIA.—W., 4:10-5:50 and
(2nd sem. conference. 6 Old Tech. Mr. Case
half-course)
63. GEOGRAPHY OF EUROPE.—Tu., 4:10-5:50 and conferences.
(1st sem. 6 Old Tech. Mr. Bergsmark
half-course)
64. GEOGRAPHY OF ASIA.—Tu., 4:10-5:50 and conferences. 6 Old
(2nd sem. Tech. Mr. Bergsmark
half-course)
65. INTERNATIONAL STRUGGLE FOR RAW MATERIALS.—M., W., F.,
(1st sem. 10:30-11:30. Mr. Bergsmark
half-course)
66. GEOGRAPHY OF WORLD TRADE.—M., W., F., 10:30-11:30.
(2nd sem. 30 Old Tech. Mr. Bergsmark
half-course)
67. GEOGRAPHY OF NORTH AMERICA.—Tu., Th., 10:00-11:30.
Mr. Case
71. INDIVIDUAL WORK IN GEOLOGY.—
This course may be entered in February by students who
secure the instructor's permission. Credit depends on amount
of work done.
(See also footnote below.**)
75. INDIVIDUAL WORK IN GEOGRAPHY.—
This course may be entered in February by students who
secure the instructor's permission. Credit depends on amount
of work done.
50. READINGS FOR SENIORS.—
Required of all Seniors majoring in geology and geography;
not open to other students.

The following courses, regularly given, are omitted during 1939-1940:
25, Structural Geology; 26, Metamorphism; 49, Advanced Crystallography.

*Any two of the following courses, when pursued simultaneously, count as three half-
courses for a semester or as three courses for the year: 1, 7, 12, 25, 26, or 56. A similar rating
is applied when any one of these is taken simultaneously with any other five-hour science
course.

**Any two of the following courses are equivalent to one-half course: 5, 6, 21, 22, 23, or 71.