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Descriptive Summary

Identifier ICU.SPCL.MATHDEPT

Title University of Chicago. Department of Mathematics. Records

Date 1892-1975

Size 31 linear feet (15.5. boxes)

Repository Hanna Holborn Gray Special Collections Research Center
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Abstract The Department of Mathematics was founded with the University of Chicago, with coursework beginning in October 1892. The records of the University of Chicago’s Department of Mathematics span the years 1894-1975, with a concentration of material documenting the department’s early development from the 1890s-1930s. The collection contains correspondence, reports, biographical writings, publications, lecture notes, and other material related to administration, research and teaching in the department.

Information on Use

Access
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Citation
When quoting material from this collection, the preferred citation is: University of Chicago. Department of Mathematics. Records, [Box #, Folder #], Hanna Holborn Gray Special Collections Research Center, University of Chicago Library

Historical Note
The Department of Mathematics was founded with the University of Chicago, with coursework beginning in October 1892. Early faculty included Oskar Bolza and Heinrich Maschke, appointed by department chair Eliakim Hastings Moore. The department was instrumental in organizing an international congress of mathematicians during the 1893 World’s Fair, and later the American Mathematical Society. Early graduates of the department included influential mathematicians such as Gilbert Ames Bliss, Oswald Veblen, George D. Birkhoff and Robert Lee Moore. Beginning in the early twentieth century, the department granted a huge number of Ph.D.s - far more than any of its nearest competitors, leading to criticism of the quality of the program and its graduates. That many of these graduates went on to faculty positions
contributed to a perception that scholarship and research in the department was complacent and overly narrow.

Attempts to diversify and improve the quality of faculty, students and programs began under the administration of Gilbert A. Bliss, who succeeded Moore as chair of the department in 1927. The department continued to struggle, due in part to the demands of World War II, until Marshall Stone was brought in from Harvard to restructure and strengthen mathematics research at the university. Important faculty appointments during this time included Saunders Mac Lane, who went on to chair the department from 1952-1958.

Scope Note

The records of the University of Chicago’s Department of Mathematics span the years 1894-1975, with a concentration of material documenting the department’s early development from the 1890s-1930s. This collection is dividend into three series.

Series I: Correspondence, contains administrative memoranda and letters from 1931-1938, primarily incoming and outgoing correspondence of the department secretary, and of department chair Gilbert A. Bliss. The correspondence is arranged by year, then alphabetically by correspondent. It is important to note that the names given in the inventory do not represent all correspondents, but the beginning and end of the alphabetical range in each folder. Correspondents include faculty, prospective and current students, university administrators, and researchers at other institutions. Additional administrative correspondence from the year 1929 is found in Series II.

Series II: Administration, Course Material and Writings, includes a variety of material spanning the years 1892-1975. The correspondence, reports, course material, writings, and other documents in this series represent several administrative periods of the department, beginning with Eliakim Hastings Moore and ending with meeting materials collected by Saunders Mac Lane in the 1970s. This series contains research material, drafts and reprints for several biographical writings about early faculty, composed around the 1930s-1940s.

Series III: Lecture Notes, contains student notebooks for courses taught by faculty such as Oskar Bolza, Harris Hancock, Heinrich Maschke, George Abram Miller, Eliakim Hastings Moore, J.W.A. Young, Forest Moulton, Kurt Laves, Leonard Dickson, Howard Mitchell, and Gilbert A. Bliss. Spanning the years 1894-1910, this series documents teaching and student work conducted early in the department’s history. Some of the lecture notes relate to astronomy courses, rather than mathematics. The notes are organized by student note-taker, with the names of courses and lecturers given when identified. Among the many students included, the best represented are Benjamin Luce Remick, Arthur Dunn Pitcher (Ph.D. 1911), and E.B. Skinner.

Related Resources
Browse finding aids by topic.

Albert, Abraham Adrian. Papers

Mac Lane, Saunders. Papers

Mathematical Club. Records

Moore, Eliakim Hastings. Papers

Wilczynski, Ernest J. Papers

**Subject Headings**
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- Bolza, O. (Oskar), 1857-1942
- Dickson, Leonard E. (Leonard Eugene), 1874-
- Hancock, Harris, 1867-1944
- Mac Lane, Saunders
- Maschke, H. (Heinrich), 1853-1908
- Miller, G. A. (George Abram), 1863-1951
- Moore, Eliakim Hastings, 1862-1932
- Moulton, Forest Ray, 1872-1952
- Pitcher, Arthur Dunn
- Remick, Benjamin Luce
- Skinner, E.B.
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Benjamin Luce Remick, Abstract Groups III per DeCou, copy of notes taken by Edgar Ezickiel DeCou, 1899, O. Bolza, Autumn 1899

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Benjamin Luce Remick, Higher Plan Curves, Math 16, Prof. Heinrich Maschke, Autumn 1894

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