Finding Aid to the
College of Science and Mathematics Records

College of Science and Mathematics
College of Science and Mathematics records, 1909-present
Record Group 16
8 linear feet

OVERVIEW

Access: The collection is open under the rules and regulations of the University Archives.

Provenance: This is an on-going collection with material arriving through departmental records transfers, the university campus mail, or donations by various individuals.

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Links:
- Dean James Sugihara records, 1973-74, 1985-1986
- Dean Loren W. Hill records, 1974-1975
- Dean John B. Gruber records, 1975-1980
- Dean Robert D. Koob records, 1981-1985
- Dean Allan G. Fischer records, 1986-1998
- Dean Alan White, 2000-2005
- Dean Don Schwert records, 2005-2006
- Dean Kevin McCaul records, 1998-2000, 2006-present
- Biological Sciences Department records, 1938-1990
Chemistry and Molecular Biology Department records, 1909-2004
Clinical Laboratory Science Department records, 1969-2001
Coatings and Polymeric Materials Department records, 1898-2005
Computer Science Department records, 1978-1998
Geosciences Department records, 1987-2003
Mathematics Department records, 1978-1995
Physics Department records, 1959-2005
Psychology Department records, 1977-2002
Respiratory Care Department records, 2001
Statistics Department records, c. 1980s

HISTORY

Prior to the formation of the College of Science and Mathematics in March of 1973, the departments and areas of study which make up the current College of Science and Mathematics went through many changes and shuffles since the founding of the North Dakota Agricultural College in 1890. The following traces the development of the College.

The May 1892 NDAC Bulletin listing of courses included: Botany and Zoology, Chemistry and Mathematics. By the 1898-1899 Bulletin each of these was now a department. The 1899 Bulletin listed the Department of Mechanics and Physics. By the 1904-1905 Bulletin, the following departments were listed: Department of Botany, Zoology and Bacteriology; Department of Chemistry and Pharmacy; Department of Mathematics; and the Department of Mechanics and Physics. As of the 1905-1906 Bulletin, Biology was listed as a department, with biology, botany, zoology, physiology, and bacteriology as the course components. Another change was found in the 1908-1909 Bulletin: Under the general heading of the Department of Biology, there was listed the Division of Botany, Division of Zoology, and Division of Bacteriology. Under the Department of Chemistry and Pharmacy, there was the Division of Chemistry and the Division of Pharmacy. Listed under the Department of Engineering was the Division of Mechanical Engineering, Division of Physics, Division of Steam and Experimental Engineering, and the Division of Civil Engineering. Finally there is listed the Department of Mathematics.

The 1917-1918 Bulletin lists the School of Chemistry and Pharmacy, with the following divisions: inorganic and qualitative chemistry; agricultural chemistry; quantitative, organic and physical chemistry; food and physiological chemistry; and industrial chemistry. Within the School of Mechanic Arts is listed the Division of Physics. Also found was a category titled Group of Applied Sciences. Within this category was listed the Department of Biology, with the Divisions of Botany and Plant Pathology, Zoology and Physiology, and Bacteriology and the Department of Geology and Mineralogy, and the Department of Mathematics. More changes are found in the 1919-1920 Bulletin, with a new school called the School of Chemistry and Technology. The Division of Physics is still listed under the School of Mechanic Arts. The departments of Biology, Geology and Mineralogy, and Mathematics are still in the Group of Applied Sciences.

The 1922-1923 Bulletin find the School of Chemistry and Technology with the Departments of Biochemistry, Inorganic and Qualitative Chemistry, Organic and Quantitative Chemistry, and Physical and Industrial Chemistry. The Department of Physics is still under the School of Mechanic Arts. Under a
new school titled the School of Science and Literature, the following Departments are listed: Bacteriology, Botany, Geology and Mineralogy, Mathematics, and Zoology and Physiology.

The 1935-1936 Bulletin reflects more changes, with all schools vanishing and replaced by divisions. Under the Division of Applied Arts and Science, the following departments are listed: Botany and Plant Physiology, Geology and Mineralogy, Mathematics, and Zoology and Physiology. The Department of Physics now falls under the Division of Engineering.

The 1939-1940 Bulletin show a return to the “school” concept. Under the School of Applied Arts and Sciences (School of Arts and Sciences - 1960-1962) are listed the Departments of Botany, Geology and Mineralogy, Mathematics, and Zoology and Physiology. Under the School of Chemical Technology the Departments are as follows: Inorganic and Qualitative Chemistry, Quantitative Chemistry, Organic Chemistry, Industrial and Physical Chemistry, and Agricultural and Biological Chemistry. The Department of Physics now falls under the School of Engineering.

With NDAC becoming NDSU in December of 1960, the Schools all became Colleges, and this was reflected in the 1960-1962 Bulletin. Under the College of Arts and Sciences, the following Departments are listed: Botany, Geology and Geography, Mathematics, Medical Technology, and Zoology and Physiology. The College of Chemical Technology contained the Departments of Agricultural Bio-Chemistry, Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, and Protective Coatings. The Department of Physics was listed under the College of Engineering and Architecture.

Additional changes were found in the next Bulletin, 1965-1967. All Departments listed under the College of Arts and Sciences remained, but the College of Chemical Technology was replaced by the College of Chemistry and Physics, with the Department of Physics now in this College. The only change in the 1967-1969 Bulletin was that the Wildlife Management option was included in the Department of Zoology and Physiology.

In March of 1973 the Board of Higher Education approved the reorganization of the College of Arts and Sciences and the College of Chemistry and Physics to reduced the disparity in size and complexity. The two new colleges formed were the College of Humanities and Social Sciences the College of Science and Mathematics. The 1974-1976 Bulletin introduced a number of changes. The Department of Geography was within the College of Humanities and Social Sciences. The Departments in the College of Science and Mathematics were: Bacteriology, Biochemistry, Biology, Botany, Chemistry, Computer Science, Entomology, Environmental Studies, Geology, Mathematics, Medical Technology, Physics, Polymers and Coatings, and Zoology and Physiology.

As of the 1980-1982 Bulletin, Geography remained in the College of Humanities and Social Sciences. The College of Science and Mathematics now contained the following areas: Bacteriology, Behavioral Biology, Biochemistry, Botany/Biology, Chemistry, Chemical Physics, Chemistry with Engineering Electives, Composite Science, Computer Science, Engineering Physics, Entomology, Environmental Science, Environmental Studies, Geochemistry, Geology/Earth Science, Management Information Science, Mathematical Sciences, Medical Technology, Physics, Polymers and Coatings, Psychology, Range Management Training, Wildlife and Fisheries Biology, and Zoology.
The 1992-1994 Bulletin saw the move of Geography into the College of Science, which also included the following areas of study: Biological Science, Environmental Studies, Biology, Biotechnology (also with College of Agriculture), Botany, Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Computer Science, Entomology (also with College of Agriculture), Earth Science, General Science, Mathematics [Actuary Science], Medical Technology, Microbiology (also with College of Agriculture), Physics [Chemical Physics], Psychology, Respiratory Therapy, Statistics, Zoology [Wildlife and Fisheries Biology], Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy.

The College of Science and Mathematics, in the 1996-1998 Bulletin had the following areas of study available: Biological Science, Biotechnology, Botany [Environmental Science], Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Clinical Laboratory Science (Medical Technology), Computer Science, Earth Science, Geography, Geology, Mathematics, Microbiology, Natural Resource Management, Physics [Engineering Physics], Psychology, Respiratory Therapy, Statistics, Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior], and the following Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy.

The College of Science and Mathematics, in the 1998-2000 Bulletin had the following areas of study available: Biological Science [Environmental Science], Biotechnology, Botany, Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Pre-Professional Chemistry, Clinic Laboratory Science, Computer Science, Earth Science [Geography, Geology], Mathematics [Pre-Actuarial Science], Microbiology, Natural Resource Management, Physics [Engineering Physics], Psychology, Respiratory Therapy, Statistics, Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior], and the following Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy.

The 2002-2004 bulletin listed the following majors for the College of Science and Mathematics: Behavioral Statistics, Biological Sciences [Biological Sciences, Environmental Science, Comprehensive Science Education], Biotechnology, Botany, Chemistry [Biochemistry, Chemistry, Polymers and Coatings, Pre-Professional Chemistry], Clinic Laboratory Science, Computer Science, Geosciences [Geography, Geology], Mathematics [Pre-Actuarial Science], Natural Resource Management, Physics [Physics, Engineering Physics, Computational Physics, Optical Science & Engineering Option], Psychology, Respiratory Care, Statistics, and Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior.

The 2006-2008 bulletin lists the following departments in the College of Science and Mathematics: Biological Sciences, Chemistry and Molecular Biology, Coatings and Polymeric Materials (name change as of December 1, 2004), Computer Science, Geosciences, Mathematics, Physics, Psychology, and Statistics. Within these departments, the following majors are offered: Behavioral Statistics, Biochemistry and Molecular Biology, Biological Sciences, Biotechnology, Botany, Chemistry, Computer Science, Geology, Mathematics, Natural Resources Management, Physics, Psychology, Statistics, and Zoology.
SCOPE & CONTENT


NOTE: Personnel Files have been removed, as have Search Committee Records. As per the current North Dakota State Records Retention Schedule, Faculty Personnel Files (Record Control Number: 600606) and Staff Personnel Files (Record Control Number: 600609) are considered confidential and are to be SHRED 6 years after termination (6 AT). Legal Reference: Exempt per NDCC 44-04-18.1; Legal value per NDCC 28-01-16(5); Search committee Records (Record Control Number: 600204) are considered confidential and are to be SHRED 3 years after current fiscal year (3ACFY).

INVENTORY

16.1.1 Annual reports
Annual Report - 1982
Annual Report - 1983
Annual Report - 1984
Annual Report - 1985
Annual Report - 1987
Annual Report - 1988
Annual Report – 2003-2004

16.1.3 Faculty and Staff
16.1.3.1 Faculty Lists
Faculty Listing - September, 1990

16.1.3.5 Faculty Evaluation
Procedure for Evaluation - 1975
Overview of Teaching and Research Activities - 1975-1980

16.1.3.6 Faculty Annual Reports
Individual Faculty Annual Reports – 1987

16.1.4 Honors Day
A Day to Celebrate Scholarship – 1993

16.1.5 Special Programs

16.1.5.1 Faculty Workshops
Faculty In-Service workshop - 1977, 1978

16.1.5.2 Governor’s School

16.1.5.3 Expanding Your Horizons

16.1.7 Recruitment/Public Relations
College of Chemical Technology - brochures - early 1960s
College of Chemistry and Physics – brochure – December 1965
A Guide to a Degree in Science and Mathematics - June, 1976
College of Science & Mathematics - brochures – 1990s – 2004

16.1.9 Historical Background
School of Chemical Technology. *The Spectrum*, Friday, March 10, 1950, p. 5.

16.1.15 Faculty/Staff Personnel Folders (1909 – 2004)

*NOTE:* Personnel Files have been removed, as have Search Committee Records. As per the current North Dakota State Records Retention Schedule

16.1.28 Student Organizations
16.1.28.1 Phi Sigma

16.3 Committees, Task Forces, Commissions

16.3.4 Coordinating Committee—Career Day
Coordinating Council Meeting Minutes - 12/76

16.3.5 Curriculum Committee
Curriculum Committee Meeting Minutes - 1978-1980

16.7 Publications, College-wide

Scope & Content
The series consists an alumni Christmas newsletter from 1964, and the general College of Science Mathematics newsletter from 1984 to present.

16.7.1 Newsletters

Alumni Newsletter - Christmas, 1964


College of Science and Mathematics Newsletter – 2002
College of Science and Mathematics Newsletter – 2003
College of Science and Mathematics Newsletter – 2004
College of Science and Mathematics Newsletter – 2005
College of Science and Mathematics Newsletter – 2006