Bulletin of the College of Dentistry, 1972-1973

University of Nebraska Medical Center

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The faculty of the College of Dentistry, University of Nebraska, recognizing its responsibilities to its students, the profession, and the public, sets forth the following as the objectives of the College:

1. To make every effort to select students for the study of dentistry who have the personal and moral qualifications and the scholastic ability for a professional career in dentistry.

2. To provide, within a flexible curriculum, a solid foundation of fundamental scientific knowledge and the basic technical skills necessary to the utilizing of this knowledge.

3. To motivate students to recognize and fulfill their social and moral responsibilities to their patients, their civic responsibility to the community, and their ethical obligation to the profession of dentistry.

4. To inspire students to recognize the need for continuing education and for personal and professional evaluation throughout their professional careers.
Located on the East Campus, the new building which houses the College of Dentistry offers the faculty, the students, and the patients a series of clinics unsurpassed in design, utility, and beauty. The most modern equipment permits the staff of the College of Dentistry to employ advanced technics in instruction, including closed circuit television which is available throughout the building.

A view of the Pedodontic Clinic.
Academic Year 1972-1973

First Semester

Aug. 30, 31, Sept. 1

Sept. 4, Mon.
Sept. 5, Tues.

Sept. 12, Tues.

Oct. 16, Mon.
Oct. 30, Mon.

Nov. 23, Thurs.
Dec. 16, Sat.
Dec. 18, 19, 20, 21, 22
Sat. through Fri.
Dec. 22, Fri.

General Registration
New registrations will not be accepted later than Sept. 1
Labor Day Holiday
First semester classes begin
Late fees for all students with incomplete registrations
Final day on which adds will be accepted
Mid-semester scholastic reports due
Last day to file drops in Office of Registration
Thanksgiving holiday
Last day of first semester classes
First semester examinations
First semester ends

Second Semester

Jan. 10, 11, 12
Jan. 15, 16, Mon., Tues.

Jan. 17, Wed.

Jan. 24, Wed.

Feb. 15, Thurs.
Feb. 27, Tues.
March 13, Tues.

March 13, Tues.
March 24-April 1, Sat. 12:30 p.m. through Sun.
May 4, Fri. after 12:30 p.m.

May 5, Sat.
May 9, Wed.
May 10, 11, 14, 15, 16, Thurs. through Wed. (excludes Sat., May 12)
May 19, Sat.
May 19, Sat.

Free drop and add
General Registration
New registrations will not be accepted later than Tues., Jan. 16
Second semester classes begin
Late fees for all students with incomplete registrations
Final day on which adds will be accepted
Charter Day
Mid-semester scholastic reports due
Last day to file drops in Office of Registration
Honors Convocation
Spring vacation (Easter Sunday is April 22)
Spring Day, no undergraduate classes
Ivy Day, no undergraduate classes
Last day of second semester classes
Second semester examinations
Alumni Round-Up Day
Second semester commencement
- Under construction
- Administration Annex, 8
- Agricultural Engineering, 22
- Agricultural Hall, 4
- Baker Hall, 43
- Beef Cattle Barn, 31
- Biochemistry-Nutrition Building, 13
- Burr Hall, 17
- Center for Continuing Education, 1
- Dairy Industry, 6
- Dentistry College, 11
- East Campus Union, 20
- Educational TV Center, 19
- Fedde Hall, 18
- Food Science and Technology Building, 6
- Foods and Nutrition Building, 21
- Forage-Insect Lab, 28
- Greenhouses, 27
- Home Economics Hall, 16
- Home Management Labs, 3
- Information Building, 5
- Insectary, 29
- Judging Pavilion, 34
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- Pershing Armory, 39
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- Poultry Complex, 41
- Poultry Science Building, 33
- Power Plant, 35
- R.O.T.C. Armory, 38
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- Stewart Seed Lab, 42
- Thompson Library, 9
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- Veterinary Science Building, 24
- Warehouses, 44, 46
- Weed Science Lab, 47
ADMINISTRATION

The Board of Regents

Kermit R. Hansen, Omaha .................................................. January 1973
Edward Schwartzkopf, Lincoln ........................................... January 1973
J. G. Elliott, Scottsbluff .................................................. January 1975
Robert L. Raun, Minden ................................................... January 1975
Robert H. Kofoed, M.D., Grand Island ................................ January 1977
James H. Moylan, Omaha .................................................. January 1977
Robert J. Prokop, M.D., Wilber ........................................ January 1977
Kermit Wagner, Schuyler .................................................. January 1977

G. Robert Ross, Lincoln, Corporation Secretary

University-Wide

D. B. Varner, M.S., Chancellor.
Merk Hobson, Ph.D., Executive Vice Chancellor.
Howard R. Neville, Ph.D., Vice Chancellor for Business and Finance.
G. Robert Ross, Ph.D., Vice Chancellor.
Harry S. Allen, M.S., Director of Institutional Research and Planning.
Gene A. Budig, Ed.D., Assistant Vice Chancellor and Assistant Corporation Secretary.

Norman H. Cromwell, Ph.D., Executive Dean for Graduate Studies and Research.
George S. Round, B.S., Director of University Relations and Special Assistant to the Chancellor.

Francis Lawrence Schmehl, S.D., Research Administrator.
Glenn W. Smith, M.A., Director of Budget and Systems Planning.

University of Nebraska—Lincoln

Joseph Soshnik, Ph.D., President.
C. Peter Magrath, Ph.D., Dean of Faculties.
Russell H. Brown, Ph.D., Dean for Student Development.
Lee W. Chaffield, M.A., Dean of Student Academic Services.
Edward W. Janike, B.S., Dean of Extension.
Miles Tommeraasen, Ph.D., Director of Business and Finance.

Carl R. Yost, M.B.A., Comptroller.

Richard E. Bradley, D.D.S., M.S., Dean of the College of Dentistry.
Eugene S. Merchant, D.D.S., Assistant Dean of the College of Dentistry.
Frank M. Wentz, D.D.S., Ph.D., Assistant Dean of the College of Dentistry.

The Faculty

A. Birk Adams, B.S., M.S., Ph.D., Assistant Professor of Oral Biology.
Donald F. Adams, A.A., D.D.S., M.S., Associate Professor of Periodontics.
William D. Ahrens, B.S., D.D.S., M.S., Assistant Professor of Oral Diagnosis and Treatment Planning.
William C. Berry, Jr., D.D.S., M.S., Assistant Professor of Periodontics (Research Coordinator).
Billy C. Best, B.S.D., D.D.S., M.S.D., Assistant Professor of Pedodontics.
Raymond W. Bieber, B.S., M.S., Assistant Professor of Oral Biology.
Linda R. Bolton, B.S., Assistant Instructor in Dental Hygiene.
Richard E. Bradley, B.S.D., D.D.S., M.S., Dean of the College of Dentistry, Professor of Periodontics.
John A. Bridges, D.D.S., Instructor in Endodontics.
Karl W. Bruce, B.S.D., D.D.S., M.S.D., Assistant Professor of Oral Surgery.
Buckner S. Burch, B.S., D.D.S., M.S., Associate Professor of Oral Biology.
Robert M. Burton, A.B., B.S., D.D.S., M.S.D., Assistant Professor of Pedodontics.
Norman C. Carlson, D.D.S., Clinical Instructor in Restorative Dentistry.
Harold E. Clough, B.A., D.D.S., M.S., Professor of Prosthodontics.
Harold L. Demaree, B.S., Clinical Instructor in Restorative Dentistry.
Norman L. Dockum, B.S., M.A., Associate Professor of Oral Biology.
Thomas J. Dowarok, B.S., D.D.S., Clinical Instructor in Restorative Dentistry.
John D. Dyer, B.S., M.T. (ASCP), M.S., Ph.D., Assistant Professor of Oral Biology.
Donald W. Edwards, D.D.S., Instructor in Dental Literature and History.
Phil R. Etzelmiller, D.D.S., M.S.D., Assistant Professor of Orthodontics.
Burdele L. Gainsforth, D.D.S., M.S., Associate Professor of Orthodontics.
Robert B. Gibb, B.A. (Architecture), Instructor in Dental Office Planning and Design.
John R. Gordon, M.D., Assistant Professor of Oral Biology.
Dan Greer, B.S., M.B.A., Assistant to the Dean, Fiscal Manager, and Instructor in Statistics.
Dennis P. Gutz, D.D.S., M.S., Assistant Professor of Pedodontics.
Donald C. Haack, B.S., M.S., Ph.D., Professor of Engineering Mechanics, College of Engineering; Special Lecturer in Graduate Orthodontics.
Kosay Hachiya, A.B., M.D., Instructor in Pedodontics.
Kenneth A. Harman, D.D.S., M.S.D., Assistant Professor of Orthodontics.
Orin R. Hayes, B.S., M.D., Ctf. in Pathology, Instructor in Oral Biology.
Harold W. Heinz, D.D.S., Clinical Instructor in Preventive Dentistry and Community Health.
Kenneth E. Holland, B.S., D.D.S., Associate Professor of Orthodontics.
Edward A. Holyoke, B.S., M.D., M.A., Ph.D., Professor of Anatomy in Oral Surgery.
Bert L. Hooper, D.D.S., Dean Emeritus of the College of Dentistry.
Julienne S. Hunter, B.S., in Dental Hygiene, Assistant Instructor in Dental Hygiene.
Ralph L. Ireland, B.D.D., B.S., M.S., Dean Emeritus of the College of Dentistry and Professor of Pedodontics.
Garth A. James, B.S., M.S., D.D.S., Professor of Pedodontics (Chairman of the Department).
R. Brent James, Laboratory Technician in Prosthodontics.
Orien N. Johnson, B.S., D.D.S., M.S., Associate Professor of Radiological Health and Technique.
Ernest O. Jones, A.B., M.S., Ph.D., Associate Professor of Radiology in Pedodontics.
Gary L. Jones, B.S., M.S., D.D.S., Assistant Professor of Restorative Dentistry.
John R. Jones, B.S., M.D., Ctf. in Surgery, Professor of Anesthesiology in Oral Surgery.
Michael J. Jones, B.S., M.S., D.D.S., Instructor in Prosthodontics.
Donald A. Keys, B.A., D.D.S., Professor of Restorative Dentistry.
Alvin E. Kleitsch, B.S., B.S.D., D.D.S., Assistant Professor of Oral Biology.
Ray M. Knapp, D.D.S., Professor of Oral Diagnosis and Treatment Planning (Chairman of the Department).
Jack M. Knodle, B.S., B.S.D., D.D.S., Professor of Prosthodontics.
William S. Kramer, B.S.D., D.D.S., M.S.D., Professor of Pedodontics (Chairman of the Department).
David L. Kutsch, B.S., M.D., Instructor in Oral Biology.
Leonard R. Lee, B.S., M.D., Assistant Professor of Pedodontics.
Marjorie M. C. Lee (Kwan), M.D., L.M.S.S.A., D.S., Associate Professor of Oral Biology.
G. William LeWorthy, B.A., M.D., Assistant Professor of Prosthodontics.
Leland M. Lynn, B.S., B.S.D., D.D.S., Professor of Restorative Dentistry.
Dudley G. Mack, B.S., D.D.S., M.S., Assistant Professor of Orthodontics.
Daryl E. Malena, D.D.S., M.S., Instructor in Periodontics.
Connell L. Marsh, B.S., M.S., Ph.D., Professor of Oral Biology.
D. James McCabe, B.S., D.D.S., M.A., Associate Professor of Restorative Dentistry.
T. Lawrence McKee, B.S., D.D.S., M.S.D., Associate Professor of Orthodontics.
Harlo R. McKinity, B.S., D.D.S., Assistant Professor of Oral Diagnosis and Treatment Planning.
Lanny L. McLevy, D.D.S., M.S., Assistant Professor of Periodontics.
Clarence A. McWhorter, B.S., M.D., Professor of Pathology in Oral Surgery.
Eugene S. Merchant, B.S.D., D.D.S., Assistant Dean of the College of Dentistry, Associate Professor of Restorative Dentistry, Director of Clinical Affairs.
Maria Michejda, Lekarz Dentysta (Diploma of Dental Surgery); Instructor in Orthodontics.
Harold B. Miller, Ph.C., B.S., M.D., Assistant Professor of Oral Biology.
Samuel D. Miller, M.B., M.D., Associate Professor of Anesthesiology in Oral Surgery.
Thomas M. Moriarty, B.S.D., D.D.S., M.S.D., Associate Professor of Orthodontics.
Carlos L. Moto, B.S., M.D., Assistant Professor of Oral Biology.
Merle M. Musselman, B.S., M.D., M.S., Professor of Oral Surgery.
Lanny L. McLeod, D.D.S., M.S., Assistant Professor of Oral Surgery.
Myron L. Pudwill, D.D.S., Instructor in Restorative Dentistry.
Harlan L. Papenfuss, A.B., M.D., M.S., Assistant Professor of Oral Biology.
William J. Noel, C.L.T., Laboratory Technician in Prosthodontics.
Harlan L. Pasencius, A.B., M.D., M.S., Assistant Professor of Oral Biology.
Cecil F. Parker, A.B., LL.B., Assistant Professor of Dental Jurisprudence.
John F. Porterfield, B.A., M.D., Instructor in Oral Biology.
Myron L. Pudwill, D.D.S., M.S., Instructor in Restorative Dentistry.
Gery L. Quast, B.A., D.D.S., M.S., Assistant Professor of Oral Surgery.
Quentin Q. Guay, D.D.S., Clinical Instructor in Restorative Dentistry.
George W. Reichenbach, B.S., D.D.S., Assistant Professor of Clinical Pedodontics.
Willard H. Ress, Instructor in Preventive Dentistry and Community Health.
Vernon W. Rinne, B.S.D., D.D.S., Professor of Restorative Dentistry (Chairman of the Department).
Alvin V. Schiess, B.S., D.D.S., M.S., Professor of Oral Biology (Chairman of the Department).
Larry D. Schleitger, A.B., D.D.S., M.S., Assistant Professor of Oral Surgery.
David H. Shaw, B.S., M.S. Ph.D., Assistant Professor of Oral Biology.
John F. Simon, Jr., A.B., M.A., D.D.S., M.S.D., Associate Professor of Pedodontics.
George Skwarczynski, M.D., Professor of Pedodontics.
Ray H. Steinacher, B.S., D.D.S., M.S., Professor of Prosthodontics (Chairman of the Department).
Robert M. Stemme, B.S., D.D.S., M.S.D., Professor of Orthodontics (Acting Chairman of the Department).
Frank A. Stewart, B.S., M.S., M.D., Associate Professor of Pedodontics.
Lee Stover, A.B., M.S., M.D., Assistant Professor of Internal Medicine.
Eleanor Ann Strom, B.S., M.T. (ASCP), Instructor in Periodontics.
Frank H. Tanner, B.S., M.D., Associate Professor of Oral Biology.
Larry D. Toison, B.A., M.D., Instructor in Oral Biology.
Gerald J. Tussing, D.D.S., M.S.D., Associate Professor of Periodontics (Chairman of the Department).
John A. Ursick, B.S., M.S., Ph.D., Assistant Professor of Oral Biology.
Gordon C. Vidmar, D.D.S., M.P.H., Assistant Professor of Preventive Dentistry and Community Health (Chairman of the Department).
Donald T. Waggner, D.D.S., Professor of Radiology.
Elizabeth M. Warner, R.D.H., B.A., M.P.H., Professor of Dental Hygiene (Chairman of the Department).
Frank M. Wentz, D.D.S., M.S., Ph.D., Assistant Dean and Professor of Periodontics, Director of Graduate and Continuing Education, and of Clinical Research.
James W. Wickless, D.D.S., M.S., Assistant Professor of Oral Surgery.
Elvin G. Wilkinson, B.S.D., D.D.S., M.S.D., Associate Professor of Pedodontics.
William J. Wilson, A.B., M.D., Professor of Radiology in Oral Surgery.
Lawrence F. Yampolsky, B.S., D.D.S., Clinical Instructor in Periodontics.
Alta C. Young, B.A., Ctf. in Dental Hygiene, Assistant Clinical Instructor in Dental Hygiene.
Erwin D. Zeman, B.A., M.D., Instructor in Oral Biology.

PRECEPTORS

Donald C. Asbjornson, B.S. (Pharmacy), D.D.S., Lincoln.
Don S. Blank, D.D.S., McCook.
James E. Chapin, B.S., D.D.S., Omaha.
Robert W. Chapin, D.D.S., Omaha.
Jon L. Crook, D.D.S., Ogallala.
Ormond F. Cross, D.D.S., Lincoln.
James N. Farris, B.S., D.D.S., Ravenna.
Donald J. Gerner, B.S., D.D.S., Kimball.
Melvin E. Gantz, B.S., D.D.S., Omaha.
Robert A. Green, B.S., D.D.S., Seward.
Raymond L. Grove, A.B., B.S., D.D.S., Omaha.
Fred W. Hecox, B.S., D.D.S., Cozad.
Floyd E. Heimbuch, D.D.S., Alliance.
Donald L. Herzog, B.S., D.D.S., Grand Island.
Herbert S. Jackson, D.D.S., Beatrice.
Phil H. Kleppinger, D.D.S., Beatrice.
Fred Kottmeier, D.D.S., Broken Bow.
Donovon Walters, B.S.E., B.S., D.D.S., Albion.
Wayne E. Wessel, D.D.S., Wayne.
Clint A. Wilber, D.D.S., Norfolk.
DEPARTMENT CHAIRMEN

DEPARTMENT OF DENTAL HYGIENE
Elizabeth M. Warner, Chairman

DEPARTMENT OF ENDODONTICS
Dr. Garth A. James, Chairman

DEPARTMENT OF ORAL BIOLOGY
Dr. Alvin V. Schiess, Chairman

DEPARTMENT OF ORAL DIAGNOSIS AND TREATMENT PLANNING
Dr. Ray M. Knapp, Chairman

DEPARTMENT OF ORAL SURGERY
Dr. W. Wallace Webster, Chairman

DEPARTMENT OF ORTHODONTICS
Dr. Robert M. Stemm, Acting Chairman

DEPARTMENT OF PEDODONTICS
Dr. William S. Kramer, Chairman

DEPARTMENT OF PERIODONTICS
Dr. Gerald J. Tussing, Chairman

DEPARTMENT OF PROSTHODONTICS
Dr. Ray H. Steinacher, Chairman

DEPARTMENT OF PREVENTIVE DENTISTRY AND COMMUNITY HEALTH
Dr. Gordon C. Vidmar, Chairman

DEPARTMENT OF RESTORATIVE DENTISTRY
Dr. Vernon W. Rinne, Chairman

COMMITTEES OF THE FACULTY—1971-72

Admissions: Dr. Ahrens, Chairman; Dr. Knodle, Secretary; Drs. B. Adams, Pudwill, Tussing, Miss Warner (Dental Hygiene Applicants); Ex officio, Dr. James.

Aptitude Tests: Dr. Bonness, Chairman; Drs. Keys, Lynn.

Chairmen’s Committee: Dean Bradley, Chairman; Dr. Merchant, Secretary; Drs. James, Knapp, Kramer, Rinne, Schiess, Steinacher, Stemm, Tussing, Vidmar, Waggener, Webster, Wentz, Miss Warner, Mr. Dan Greer.

Class Advisers: Freshmen—Dr. Berry
Sophomores—Dr. Pudwill
Juniors—Dr. Clough
Seniors—Dr. Steinacher

Continuing Education Committee: Dr. Wentz, Chairman; Drs. O. Johnson, Merchant, Waggener.

Curriculum: Dr. Merchant, Chairman; Drs. Berry, Pudwill, Shaw, Sullivan; Member of Junior and Senior Class; Ex officio, Dean Bradley.

Executive Committee: Dean Bradley, Chairman; Dr. Merchant, Secretary; Drs. Ahrens, Berry, Bonness, Clough, Krejci, Leeper, Sullivan, Mr. Dan Greer; Senior Class Member.

Faculty Secretary: Dr. Leeper.

Graduate Committee: Dr. Wentz, Chairman; Drs. Bradley, Ireland, James, Kramer, Lee, Schiess, Steinacher, Tussing, Webster.

Hospital Programs: Dr. Merchant, Chairman; Drs. Simon, Waggener, Webster.

Library Committee: Dr. G. Jones, Chairman; Drs. Bieber, O. Johnson, Lee, Ludlow, McLevy; Freshman Class Member.

Preceptorships: Dr. Merchant, Chairman; Drs. Bonness, Kramer, Lynn, McKinty, Steinacher; Junior Class Member.

Predental Advisers: Mr. Greer, Chairman; Consultants, Drs. Ireland, Knodle, Steinacher.

Prehygienist Adviser: Miss Warner.

Public Relations: Dr. Knodle, Chairman; Drs. Ireland, Jones, Kleitsch; Sophomore Class Member.

Research and Research Grants: Dr. Berry, Chairman; Drs. D. Adams, Bradley, Dyer, Ireland, Kramer, Lee, Schiess, Tussing, Ursick, Waggener, Mr. Dockum, Mrs. Strom.

Scholarships, Awards, and Loans: Mr. Greer, Chairman; Drs. Lynn, Shaw, Stemm, and Mrs. Atkinson.

Space Utilization: Dr. Steinacher, Chairman; Drs. Berry, Rinne, Schiess.

Student Affairs: Dr. James, Chairman; Drs. Burch, Clough, Gutz, Johnson, Kramer, Krejci, Leeper; Student Class Member (selected by the Student Tribunal).

Teaching: Dr. Burch, Chairman; Drs. Dyer, McKinty, Ursick, Wentz, Miss Hunter; Senior Class Member.

Team Project Advisory Committee: Dr. Berry, Jones, Marshall, Moran (Lincoln Dental Society).
THE COLLEGE OF DENTISTRY

The College of Dentistry is fully approved by the Council on Dental Education of the American Dental Association and is a member of the American Association of Dental Schools.

Admission to the College of Dentistry is granted without regard to sex, race, color, or religion. Selection is based on the quality of the applicant's academic performance in a recognized college, the results of the Dental Admission Testing Program, and the applicant's aptitude for and interest in the study of dentistry.

PREDENTAL REQUIREMENTS

High School

Predental students are normally registered in the College of Arts and Sciences and should consult the bulletin of that College for specific entrance requirements. It is recommended that they take a strong college preparatory high school course with as much mathematics and science as possible.

College or University

A minimum of 64 credit hours and completion of the required predental courses are necessary to make application to the College of Dentistry. However, a majority of applicants have completed three or more years of college and it is strongly recommended that a minimum of three years be taken. A maximum of 4 credit hours in physical education or military science may be used toward the requirements.

The minimum of 64 credit hours and specific course requirements must be completed by June of the year the student desires to enroll in the College of Dentistry.

Students may follow a combined program which leads to the bachelor's degree at the end of four years and the Doctor of Dental Surgery degree at the completion of the dental program. The first year's course work in dentistry is accepted by the College of Arts and Sciences as the equivalent of the fourth year of work for the bachelor's degree, if the student has completed three years of college work before entering the College of Dentistry. The student must also complete 30 of his last 36 hours in residence.

Predental Curriculum

Following is a predental program for students intending to apply for admission to the College of Dentistry.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Inorganic Chemistry</td>
<td>4</td>
<td>Inorganic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>General Biology</td>
<td>4</td>
<td>General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>Humanities or Social Science</td>
<td>5</td>
<td>Humanities or Social Science</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>
The third year is optional but strongly recommended for the predental student. Consultation with a predental adviser regarding a schedule of courses to satisfy degree requirements is urged before a student begins his third year.

Elective Subjects

In addition to the basic preparation in science, a student is urged to select elective subjects intended to broaden his intellectual background for a fuller and more meaningful professional life. By planning his predental program carefully in advance, the student may equip himself with a basic liberal education while he prepares himself for the sciences. For those who desire suggestions, the following electives are considered to be especially appropriate:

- Anthropology
- Biochemistry
- Business Organization
- English Literature
- Economics
- Mathematics
- Microbiology
- Political Science
- Psychology
- Scientific Greek
- Sociology
- Zoology

TRANSFER CREDIT

Transfer students must have an average grade of at least C, where the lowest passing grade is D, in order to be eligible for admission. Before any student can be considered for admission, he must file in the Office of Admissions an official transcript of work already completed which shows also that he is in good standing. College credit earned at an accredited college can usually be transferred to the University of Nebraska College of Arts and Sciences, except that courses in which grades of D have been earned may not be transferred. As a general policy, the maximum number of credits a student may transfer from an approved junior college is 66.

Transfer credit does not, however, count toward the grade average.

APTITUDE TESTS

All students making application to the College of Dentistry are required to take the aptitude tests provided by the Council on Dental Education of the American Dental Association. Further information may be requested from the College of Dentistry.
APPLICATION FOR ADMISSION

Formal application must be made on regular blanks which may be obtained by writing to the Admissions Committee of the College of Dentistry. Final date for submitting applications is March 15 prior to the academic year in which you intend to enroll.

An applicant should submit an official transcript of all courses and grades from each college or university in which he has matriculated.

A record of the aptitude test score must be submitted. The Admissions Committee usually selects the freshman class before the April testing date. It is recommended, therefore, that the dental aptitude tests be taken in October, or in January of the year the applicant wishes to apply.

A student may make application when he has completed two semesters of pre-dental work (30 semester hours). His application must be accompanied by a statement showing courses for which he is currently registered or which he will complete prior to the beginning date of the class he desires to enter. However, he must complete the specific minimum requirements (including two semesters in English composition, two semesters in zoology or biology, two semesters in general elementary chemistry, two semesters in physics, and two semesters in organic chemistry) by June of the year in which he desires to enter the College of Dentistry.

When a student receives notice that he has been accepted for admission to the College of Dentistry, he is required to make a deposit of $200, which will be applied to his first semester registration fee. Of this amount $100 is to be refunded provided the Admissions Committee is notified by July 15 if the student does not plan to matriculate in September.

After a student is admitted, his credentials are filed in the Office of Registration and Records and become the permanent property of the University.

All men and women planning to attend the University under Chapters 31, 34, and 35, the educational assistance and vocational rehabilitation laws administered by the Veterans Administration, should inquire at the Information Window, street level, Administration Building, City Campus, before they register to make sure that all necessary steps have been taken.

TUITION, FEES, AND OTHER COSTS*

TUITION AND FEES (ANNUAL COST)

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$676.00</td>
<td>$1,644.00</td>
</tr>
<tr>
<td>General Fees</td>
<td>103.00</td>
<td>103.00</td>
</tr>
<tr>
<td>Books and Instruments</td>
<td>710.00</td>
<td>710.00</td>
</tr>
<tr>
<td>Freshmen and Sophomores:</td>
<td>$1,489.00</td>
<td>$2,457.00</td>
</tr>
<tr>
<td>Summer Session Tuition and Fees</td>
<td>124.75</td>
<td>276.00</td>
</tr>
<tr>
<td>Juniors and Seniors:</td>
<td>$1,613.75</td>
<td>$2,733.00</td>
</tr>
</tbody>
</table>

* Fees are subject to change.
The fee for the regular term and for the summer sessions covers—in addition to course charges—registration, laboratory, library, diploma, University Health, and Nebraska Union fees. A subscription to the student newspaper, the Daily Nebraskan, also is included in the fee for the regular semester.

A nonrefundable deposit of $50 (which will be applied to his tuition fee) is required of the student at the time of each registration. The balance of his tuition and fees is due the first day of the semester; however, he may defer payment until the announced deadline, which will be approximately three weeks after the semester begins.

A statement of the student's account, showing the balance due, will be mailed to his Lincoln (or commuting) address about a week before the deadline for payment. Statements are addressed only to the students who are held responsible for furnishing correct addresses on forms included with the registration materials. Students are required to pay their bills promptly, preferably by mail.

A service charge of $10 will be assessed on all accounts not paid by the announced deadline. Students then have seven days after the deadline to pay their accounts, including the service charge. Students who have not paid their accounts by the seventh day will be reported to the Dean of Student Affairs for cancellation of their registrations.

A special service fee of $10 will be assessed for reinstating a cancelled registration if the student qualifies for reinstatement.

TEXTBOOKS, INSTRUMENTS, AND MATERIALS

All required textbooks, dental instruments, and materials are loaned for the student's use during his four-year dental college training. As these items become needed for the various courses, they are issued to the student.

If any issued item is lost or damaged beyond usefulness, the student must make replacement at his own expense. If for any reason additional supplies become necessary, the student must pay for the needed item or items.

Upon completion of the dental course and the conferring of the D.D.S. degree, all textbooks and instruments then become the property of the student.

Pens, pencils, notebooks and paper are not furnished by the College. (Examination "blue-books" will be furnished by the College.) Each student must provide himself with a minimum of four dental operating gowns of a type specified by the College and such laboratory gowns as may be required in the laboratory courses; he must maintain them in clean, presentable condition at his own expense.

SUMMARY OF COSTS

<table>
<thead>
<tr>
<th>Cost Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition—resident (per semester)</td>
<td>$338.00</td>
</tr>
<tr>
<td>Tuition—nonresident (per semester)</td>
<td>822.00</td>
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<tr>
<td>Required fees (per semester)</td>
<td>51.50</td>
</tr>
<tr>
<td>Books and instruments (per semester)</td>
<td>355.00</td>
</tr>
<tr>
<td>Late application for admission</td>
<td>5.00</td>
</tr>
<tr>
<td>Late registration</td>
<td>5.00</td>
</tr>
<tr>
<td>Late payment service charge</td>
<td>10.00</td>
</tr>
<tr>
<td>Reinstatement of cancelled registration</td>
<td>10.00</td>
</tr>
<tr>
<td>Transcript or certificate of graduation</td>
<td></td>
</tr>
<tr>
<td>One copy of either furnished free</td>
<td>0.00</td>
</tr>
<tr>
<td>For each additional copy of either</td>
<td>1.00</td>
</tr>
<tr>
<td>Degree in absentia</td>
<td>10.00</td>
</tr>
</tbody>
</table>
Special examination, each course .................................................. 1.00
Re-examination, each course .................................................... 3.00
Credit by examination, per credit hour ........................................ 9.00
Abstract fee (doctoral degree) .................................................. 25.00
Thesis binding (master's and doctoral) ........................................ 5.00
Certificate .................................................................................... 1.00
Cap and gown rental:* Bachelor's cap and gown ................................... $ 4.00
Master's cap and gown ................................................................. 4.25
Master's hood .............................................................................. 4.25
Doctoral cap and gown ................................................................. 5.25
Doctoral hood .............................................................................. 5.25

(Fees are subject to change)

CLASSIFICATION OF RESIDENT AND NONRESIDENT STUDENTS

A student's right to classification as a resident for purposes of registration in a state educational institution must be determined under the provisions of Nebraska Revised Statutes of 1943, Sec. 85-502 (R.S. Supp., 1971).

Each semester, as students complete their registrations, they will be required to certify to the accuracy of the personal information asked for on the registration form, including their resident or nonresident status. Usually a student is a nonresident if any of the following is true:

1. Their parents live in another state.
2. Their parents are in the Armed Forces from a home in another state.
3. The student has recently lived and been employed in another state although originally from Nebraska.
4. The student's first enrollment in the University was as a nonresident.

Any student who has been classified as a nonresident who believes he can qualify as a resident should read the statute, which is set forth in the General Information Bulletin, and then see the Director of Admissions, Administration Building 109. A residency application form must be filed with him before the end of the ninth week of the term for which the tuition fee was charged. For the summer session, the deadline is the end of the third week.

FEE REFUNDS

Students who withdraw from the University on or before the thirty-fifth calendar day during any regular term are entitled to claim a refund of a portion of their fees. The amount refunded depends upon the elapsed time from the beginning of the term to the effective date of the withdrawal or drop. Any refund due will normally be mailed to the student's forwarding address after the fifteenth day of the next month following the date of withdrawal.

As explained previously, the textbooks, dental instruments and materials issued for student use are merely loaned during the dental training period. Should a student withdraw from school prior to graduation with a D.D.S. degree, all books, instruments, and unused supplies must be returned to the dental store before any refunds will be made.

* Caps, gowns, and hoods are rented from private concerns, not from the University.
For the summer session there will be no refund.
A student having completed any course (or courses) of the dental curriculum elsewhere than at the scheduled time in the dental course will receive no deduction from the stated semester fee, even though the course (or courses) may be accepted for credit toward his D.D.S. degree.

CONDUCT REGULATIONS

The Board of Regents authorizes the Chancellor, Vice Chancellors, Presidents, and Deans of Student Affairs to take necessary action for the maintenance of order, for normal operations of the University, and for the protection of individual freedom by invoking policies outlined in the statement on campus disorders adopted by the Board of Regents on April 19, 1969.*

Students or staff whose conduct interferes with the holding of classes, the carrying forward of University business, organized and scheduled University events, or the discharge of responsibility by any University officer, employee, or student will be subject to laws covering such behavior and disciplinary action. The Chancellor, Vice Chancellors, Presidents, and Deans of Student Affairs will be expected to initiate disciplinary action.*

Campus Security*

To maintain clean and usable facilities for students and staff, it is necessary to regulate the use of such facilities. Students are expected to observe closing hour regulations for all campus buildings. Use by students beyond established hours should be by special permission from the academic department with notification to the campus police.

The Individual and His Community*

1. Respect of individual rights. Each individual is entitled to the unique dignity of his being and his right to hold and express his own beliefs. It is expected that students will respect themselves and the rights and dignity of others.
   2. Support of order in the community. Students are expected to share in the responsibility for the maintenance of order and integrity within the community. This expectation implies that a good citizen not only obeys the rules himself but also has an obligation to encourage others to do so and to actively support good citizenship when others engage in misconduct.
   3. Working to better the community. Students have the right and the obligation to work to change rules and procedures they feel are ineffective or unfair. It is expected, however, that while attempting to change rules students will operate within existing regulations and will utilize established avenues of communication.

DISCIPLINARY PROCEDURES*

The University community has as one of its goals the development of ethically sensitive and responsible persons. The community seeks to achieve this goal through educational programming and policies that encourage independence and maturity. Within this context, disciplinary procedures are a small but necessary part of the institution's broader educational processes. University disciplinary actions are designed to be educational and rehabilitative in nature.

* Taken from University of Nebraska Campus Handbook.
General Policies*

The principles of fair play are basic to the University's disciplinary procedures. Specifically, no serious disciplinary action, such as suspension, shall be imposed unless the student has been notified in writing of the basis for such action and has had an opportunity:

1. To appear alone or with other persons to advise and assist him before the appropriate committee or staff member,
2. To know the nature of the evidence against him and to present evidence in his own behalf, and
3. To appeal his case to an appropriate appellate body.

The faculty reserves the right to dismiss a student from the College of Dentistry provided he does not, in their judgment, show sufficient promise to justify allowing him to continue the study of dentistry, regardless of his grades. Students, at all times, are expected to conduct themselves in a manner befitting the profession they are about to enter. Misconduct, either in or out of the college, will not be tolerated and may serve as grounds for dismissal.

SPECIFIC PROCEDURES

The College of Dentistry—Student Affairs Committee and the Student Tribunal have the primary responsibility in cases of misconduct.

1. When reports of misconduct are brought to the attention of the Student Affairs Committee or Student Tribunal, that body will interview involved students. Reports of civil misconduct may provide the basis for action by the College Committee. During the interview involved students. Reports of civil misconduct may matter under consideration. In some instances, he will be asked to provide a written statement. Additional information may be obtained from records, witnesses, or staff members.

2. The case will be reviewed by the Committees and discussed with the student.

3. In specific instances the matter under consideration may be brought before the entire College faculty for deliberation.

4. Corrective measures, including disciplinary action, will be determined by the Dean based on the recommendations of the College of Dentistry—Student Affairs Committee and the Student Tribunal.

5. In all cases students have the right to appeal and shall be instructed by the Dean in the procedures for implementing this right.

Records of Disciplinary Action

The Executive Dean for Student Affairs is, by Regents by-law, responsible for the maintenance and security of all student records, including disciplinary records.

Disciplinary records are kept separate from the permanent academic record. Notations of suspension are entered on the permanent record. Suspension notations are removed from the permanent record at the time of the student’s graduation. Disciplinary records are maintained in the office of the Dean of Student Affairs and are available only to professional staff who need the information to carry on educational functions.

Relationship to Civil Action

Students have the same responsibility to civil laws as do other citizens and are not entitled to special consideration because of their status as

* Taken from University of Nebraska Campus Handbook.
students. The University community distinguishes its concern for student behavior from the control functions of the larger community. The University will cooperate with law enforcement agencies in supporting civil law and in establishing rehabilitative programs for students. University staff are required by law to report to civil authorities information they have pertaining to allegedly felonious acts.

University disciplinary action is not tied to that of civil agencies. The University is an educational institution and has an obligation to deal with student behavior from that basis. The University will not automatically take action because civil agencies do, nor will the University refrain from action because the civil authorities do not act.

REGULATIONS AFFECTING STUDENTS

Honesty*
1. Students are expected to be honest in all aspects of their course work.
2. Students are expected to respect property rights of individuals, of groups, of the University, and of the community.
3. Students are expected to respect the integrity of official documents and credentials and refrain from any falsification of forms or signatures.

Morality*
It is not the intention of the University to determine moral codes for individuals, but it is the expectation that students will themselves determine moral principles appropriate to the society in which they live and conduct themselves accordingly. There are standards of decency and decorum which responsible citizens expect from a community of scholars. In the interest of education such matters are of concern to the University community.

Drugs
The illegal use of any drugs (including barbiturates, hallucinogens, marijuana, etc.) or contributing to such use by others, is in strict violation of the University of Nebraska College of Dentistry rules and of state and federal laws.

Library Regulations
Specific regulations regarding the use of library facilities and other library information is available from the College of Dentistry library. Students are expected to be aware of and observe these regulations and to pay penalties incurred.

Parking
Designated parking areas are to be observed by students in the College of Dentistry, and all cars in such areas must have permits. Parking permits can be obtained by filling out an application form and paying an annual fee of $15.00 (subject to change) at the Campus Police headquarters. At no time are students to park in areas specifically reserved for patients. Penalties for violations are to be paid or appealed within two weeks of their issuance. Appeals should be directed to the Student

* Taken from University of Nebraska Campus Handbook.
Parking Appeals Board by filling out an appeal form at the Campus Police headquarters. Payment of penalties for parking violations can be made at either Campus Police headquarters or at the Bursar's office, 204 Administration Building, City Campus. Abuse of parking privileges and regulations including nonpayment of parking tickets may result in the imposition of disciplinary sanctions including loss of parking privileges, withholding of grades, denial of future registration, and, if necessary, the removal of an illegally parked vehicle from the campus.

HOUSING FACILITIES

Information concerning available housing for families or single students can be obtained from the Office of University Housing, Seaton Hall 1101.

University Housing

Dormitory double room, with board.......................... $ 940.00 per year
Dormitory single room, with board.......................... 1,140.00 per year
Married student housing ......................................... 80-90 per month
(Six- to nine-month waiting period)

Private Housing

Get in touch with the Lincoln Housing Authority, 601 S. 18th Street, Lincoln, Nebraska 68508, to find out whether you are qualified for federal rent assistance. Rental rates range from $100 to $130 per month for married students not qualifying for the rent subsidy program.

SCHOLASTIC REGULATIONS

Class Attendance.—No student may be admitted later than ten days after the opening of the fall session. It is very much to the advantage of each student to register and be in attendance at his classes at the very outset of each semester of work. No credit is granted to any student for matriculation or attendance where such attendance is less than one semester in duration. Moreover, each student must remain in continuous attendance during each semester for which credit is sought. If for any reason a student's program is discontinued and he subsequently returns to the University, he must satisfy all requirements for graduation as they may exist at the time of the continuation of his studies.

Students are expected to attend all lectures, recitations, and laboratories regularly. The University has no regulation which permits cuts. For unusual circumstances, a temporary leave of absence may be obtained from the Dean of the College. In case of illness, a student will usually need a written statement from the Student Health Center to give to his instructor. Verbal excuses, generally, are not accepted. Neither absence nor an excuse relieves anyone from meeting all course requirements; therefore, it is important to obtain all assignments which will be covered while the student is not attending classes. Excessive absences may result in a lowered or failing grade in the course.

Class Standing and Examinations.—The standing of a student in any course is determined by the instructors in charge of the subject, by examinations, by personal observations, evaluation, and judgment. The grades given are as follows:
For the freshman, sophomore, junior, and senior years, a grade point average of 2 must be maintained currently or cumulatively. A student who fails to maintain the prescribed grade point average or fails a course will be on probation for one semester or dismissed from the College at the discretion of the Advisory Committee. If, by the end of that semester, the student fails to raise his over-all average to the required grade point average, or maintain the required grade point average for that semester and pass satisfactorily the failed course, he will not be permitted to continue in the College and he is not eligible for registration in the College of Dentistry.

Any course which, for good reason, has not been completed, but in which progress has been satisfactory, may be reported as “incomplete.” A student may not register for the sophomore, junior, or senior year with an existing “incomplete” still on his record. A student must remove a grade of “incomplete” from his record during the following summer session if the grade was received in the second (spring) semester. If a grade of “incomplete” was received in the first (fall) semester, it must be removed by the end of the first eight weeks of the following second (spring) semester. If a student fails to remove the grade of “incomplete” from his record in the allotted time, he will receive the grade of “F” automatically.

Credit will not be allowed in any of the following courses unless a passing grade is made in both lecture and laboratory portions of the course: Dental Materials 531, 532, Fixed Partial Denture Prosthesis 573; Oral Physiology, Dental Anatomy and Occlusion 512; Operative Technology 551; Complete Denture Prosthesis 564; Removable Partial Denture Prosthesis 641.

Final examinations are held at the end of each semester. Other examinations may be given at the option of the instructor, and only after regular examinations are completed.

Senior students who have not completed all requirements for graduation two weeks prior to the annual spring graduation date, or who have not demonstrated to the department or departments concerned that any deficiencies can be completed before the last day of classes as scheduled by the University, will not be recommended by the faculty for graduation.

Failure.—A grade of “F” is failure.

If the student receives a failing grade in only one course, he may repeat the course in the summer session provided that his semester grade point average is 2 or above and the department concerned gives approval.

Any student who fails more than one course in any academic semester will not be permitted to continue in the College of Dentistry. He may petition for permission to repeat the entire year.
A student who has failed twice here or elsewhere in the same subject is not eligible for registration in this College.

A failed subject must be absolved by re-registration in and satisfactory completion of the subject.

**HONORS PROGRAM**

The faculty of the College of Dentistry has approved an Honors Program whereby students who have compiled a high scholastic average for their first three years and, in addition, have completed all clinical requirements of the junior year, may, upon approval of the Committee on Teaching, be permitted to pursue a special course of study or phase of clinical practice in more depth in collaboration with a faculty adviser.

**HONORS**

The Honors Convocation is held annually for the purpose of giving recognition to students who excel in scholarship. The printed program of the ceremonies gives the names of the seniors who rank in the upper 3 per cent of their class, the names of students who have been on the honors lists since matriculation as freshmen, and the names of the students who rank in the upper 10 per cent of each of the four classes of each college of the University.

Alpha Alpha chapter of Omicron Kappa Upsilon, the dental honorary fraternity, was chartered at the University of Nebraska—Lincoln College of Dentistry in May, 1929. Election to this honor society is based upon scholarship, conduct, and data gathered by the faculty and recorded on a character analysis chart.

**DEGREES**

**APPLICATION FOR DEGREE**

A student expecting to receive a certificate or a diploma must make proper application for such certificate or for admission to candidacy for a degree. The application must be made at the Office of Registration and Records, Administration Building 209. No student is recommended for a degree who has not been reported at the beginning of his last semester of attendance as being within 18 hours of meeting the requirements for the degree for which application is made.

Every candidate for a certificate or degree is required to participate in commencement exercises unless he is officially excused by the dean of the college. Inasmuch as the date of commencement is known long in advance, students can usually avoid commitments which conflict with graduation ceremonies. A candidate who is excused from attendance at commencement must pay an in absentia fee of $10.00.

**DEGREES**

1. **DOCTOR OF DENTAL SURGERY**

The candidate for this degree must have completed the prescribed curriculum, passed the necessary examinations, and received the required credits therein. He must also have met all the general scholastic requirements of the University.

2. and 3. **COMBINED DEGREES OF BACHELOR OF ARTS OR BACHELOR OF SCIENCE AND DOCTOR OF DENTAL SURGERY**

By completing the group requirements of the College of Arts and Sciences and one minor under Plan A (or two minors under Plan
B) and by use of the subjects of the first year of the dental course as a major, the student is qualified to receive at the end of four years the degree of Bachelor of Arts or Bachelor of Science in the College of Arts and Sciences, as well as the degree of Doctor of Dental Surgery. For Group Requirements consult the Bulletin of the College of Arts and Sciences.

4. DEGREE WITH DISTINCTION
The degree of Doctor of Dental Surgery with distinction or high distinction may be conferred upon a student upon the basis of over-all scholastic excellence for his four years in the College of Dentistry.

ADVANCED TRAINING
Advanced training for students at the College of Dentistry of the University of Nebraska—Lincoln may take one of three forms. Graduate education, certification in a clinical specialty, or continuing education courses. All applicants must hold the D.D.S. or D.M.D. degree or equivalent for professional entrance requirements.

The dental graduate program and the certification program are parts of the complete graduate program at the University and are administered by the Graduate College of the University of Nebraska. Every candidate for a degree or certificate is required to participate in commencement exercises unless he is officially excused by the dean of his college. Inasmuch as the date of commencement is known long in advance, students can usually avoid commitments which conflict with graduation ceremonies. A candidate who is excused from attendance at commencement must pay an in absentia fee of $10.00.

1. GRADUATE EDUCATION
This is a curriculum which includes academic work as well as clinical training designed to prepare a student for the degree of Master of Science. Applicants applying for graduate education should have a B average or better in their predental and dental grades. The education is offered under rules and regulations established by the Graduate College of the University of Nebraska. The preparation and defense of a thesis are basic requirements for the advanced degree. The master's degree program will require two academic years in residence in advanced study. Graduate courses are offered in endodontics, orthodontics, oral surgery, pedodontics, periodontics, and prosthodontics.

2. CERTIFICATION PROGRAM
The program, similar in extent to the master's degree program, is primarily concerned with the training of dental specialists in endodontics, oral surgery, orthodontics, pedodontics, periodontics, and prosthodontics. No thesis is required.

3. CONTINUING EDUCATION COURSES
These are courses of short duration designed as "refreshers" for the practicing dentist. The courses are administered by the Director of Continuing Education. All inquiries concerning such courses should be made directly to him at the College of Dentistry.

SCHOLARSHIPS
A number of scholarships have been provided for worthy students enrolled in the University of Nebraska—Lincoln. Many of these awards
have been made possible by gifts and grants from individuals and organizations through the auspices of the University of Nebraska Foundation.

Although certain scholarships have their own special qualifications, most scholarships require that:

1. The student must present a good scholastic record. In most cases an over-all grade point average of 2.75 or above is required.

2. The student must be worthy of financial assistance. Financial need is an important consideration in many scholarships. Even where financial need has been established, the applicant must show by his academic progress and by good conduct that he is worthy of such aid.

Scholarship applications from resident students must be submitted by March 1 of each year, the awards being made in the late spring or early summer for the following academic year. Application forms can be obtained at the College of Dentistry. Applications are not accepted from students who have "incompletes" on their records.

It is the practice to pay one-half of the award at the beginning of each semester.

Detailed information about scholarships is contained in the General Information Bulletin.

*Donald Walters Miller Scholarship*

Donor: Mrs. Donald Walters Miller, Lincoln, Nebraska

Value: Three or four scholarships or fellowships at $1,000 each

Qualifications: Sophomores or above, or graduate students on recommendation of College. Awards made on basis of scholastic ability, educational and professional objectives, character, temperament and financial need. Candidates must be registered in the University of Nebraska at time of application.

Apply by March 1 to the Dean of the College of Dentistry and inquire about letters of application and recommendation.

*Patterson Dental Fellowship*

A grant of $600 is provided annually by the M. F. Patterson Dental Supply Company for use in support of research and graduate study. Fellowships for graduate students in dentistry are available under this grant. This fellowship does not carry remission of tuition fees.

The University of Nebraska Upperclass Regents Scholarships

Donor: The University of Nebraska through its Board of Regents

Value: $355 each

Qualifications: Sophomore, junior, and senior students in the College of Dentistry. Awards made on basis of high scholarship.

Apply to Committee on Scholarships and Financial Aids.

**STUDENT LOAN FUNDS**

Student loans at the University of Nebraska are available to qualified students who are enrolled in the University and who are in need of financial assistance to continue their college education. Loans are made from some 80 separate funds which have been established by organizations,
STUDENT LOAN FUNDS

firms, and individuals, and by the Health Professions Act of 1963. Most of these funds are in the custody of the Board of Regents or the University Foundation and are not regarded as a part of the University's resources. Loan funds are administered in accordance with the wishes of the donors and the policies adopted by the Committee on Scholarships and Financial Aids.

Although loans may be granted from any one of several University loan funds, the following loan funds are specifically designated for the College of Dentistry:

1. The Dr. W. Clyde Davis Student Loan Fund.
2. The W. K. Kellogg Student Loan Fund.
3. The Health Professions Loan Fund.
4. The Lewis A. and Anna F. Seberg Student Loan Fund.
5. The Wayne F. Larrabee Memorial Fund.
6. The College of Dentistry Alumni Student Loan Fund.
7. The American Dental Trade Association Senior Student Loan Fund.
8. The S. J. Kramer Memorial Fund.
9. The International College of Dentists (U.S.A. Section) Student Loan Fund.
10. Mrs. Kenneth C. Christensen Memorial Fund.
11. American Dental Association—Fund for Dental Education, Dental Student Loan Fund.
13. Dr. Mark E. Vance Memorial Loan Fund.

Further information regarding loans can be obtained from the College of Dentistry.

Students who need to work part time while attending the University of Nebraska—Lincoln should also get in touch with the College of Dentistry.
PROFESSIONAL COURSES OF INSTRUCTION

In the following departments, courses numbered 500-549 are given in the first dental year, courses numbered 550-599 in the second dental year, courses numbered 600-649 in the third dental year, courses numbered 650-699 in the fourth dental year.

Endodontics

585. The Biology of the Dental Pulp (2 cr) Bonness, James
A study of the embryology, gross and microscopic anatomy and physiology of the pulp with an introduction to the etiology and diagnosis of pulpal pathology.

586. Endodontic Therapy (2 cr) Bonness, James

600. Clinical Endodontics (2 cr) Bonness, Bridges, Case, Hinrichs, James
Students observe and gain experience in the diagnosis and treatment of diseases of the pulp and periapical region, including removal of the pulp, treatment of and filling of the pulp canal, and periapical surgical procedures. This is a one-year course (two semesters).

661. Clinical Endodontics (1 cr) Bonness, Bridges, Case, Hinrichs, James
Clinical Endodontics 600 cont’d. This is a one-year course (two semesters).

Oral Biology

503. Human Anatomy (3 cr) Bieber, Lee, Kleitsch, Mota
Regional approach is adopted for a thorough study of the gross structures of the head and neck and a brief study of the nervous system. Besides lectures and dissection laboratories, supplementary teaching by means of demonstrations, television, and movie films is included.

504. Human Anatomy (3 cr) Bieber, Lee, Kleitsch, Mota
A study of the regional anatomy of the human body including the limbs, thorax, abdomen and pelvis. Teaching program includes lectures, dissections, and other audio-visual aids similar to Human Anatomy 503.

513. Fundamentals of Microbiology (3 cr) Dyer
An introduction to the structure, taxonomy, growth, nutrition, genetics, and metabolism of microorganisms. Host-parasite interrelationships, oral ecology, defense mechanisms of the mouth, and the fundamentals of immunity are also discussed.

514. Medical Microbiology (3 cr) Dyer
An introduction to the disease-producing microorganisms with emphasis on the pathogenesis, immunity, treatment, epidemiology, and control. Fundamentals of sterilization and antimicrobial chemotherapy are included.

515. Oral Pathology (2 cr) Burch, Schiess, and Staff
A study of basic pathologic changes such as inflammation, degeneration, neoplasia, etc., followed by a beginning discussion of pathologic changes which occur in the hard and soft structures of the oral cavity and surrounding tissues.

516. Oral Pathology (2 cr) Burch, Schiess, and Staff
Oral Pathology 515, cont’d.

519. Oral Histology and Embryology (1 cr) Bieber, Dockum, Wentz, and Staff
Lectures and laboratories related to the microscopic anatomy of the teeth and supporting structures with theories of development.

520. Oral Histology and Embryology (1 cr) Bieber, Dockum, Wentz, and Staff
Oral Histology 519, cont’d.

545. Biochemistry (3 cr) A. B. Adams, Marsh
Chemistry and metabolism of the proteins, carbohydrates, and lipids. Enzymes. Biological oxidations.

567. Special Pathology (1 cr) Burch, Schiess, and Staff
A study of pathologic changes which take place in various organs and systems of the body.

568. Special Pathology (1 cr) Burch, Schiess, and Staff
Special Pathology 567, cont’d.
ORAL DIAGNOSIS AND TREATMENT PLANNING

591. Human Physiology (3 cr) Shaw, Ursick
A study of the functional and metabolic aspects of human nerves, central and autonomic nervous systems, special senses, and muscles.

592. Human Physiology (2 cr) Shaw, Ursick
Human Physiology 591 cont’d., with emphasis on circulation, blood, respiration, digestion, excretion, endocrine, and reproduction.

593. General Histology and Embryology (1 cr) Bieber, Dockum, Wentz, and Staff
A course which deals with optical and electron microscopy of normal mammalian tissues and organs, including basic concepts of embryology.

594. General Histology and Embryology (1 cr) Bieber, Dockum, Wentz, and Staff
General Histology 593 cont’d.

595. General Pharmacology (3 cr) Shaw, Ursick
Didactic study of the origin, preparations, actions, uses, and toxicology of drugs.

624. Oral Clinical Pathology (2 cr) Burch, Schiess, and Staff
Clinical laboratory procedures of value to the practicing dentist by analyzing body fluids, studying antibiotic actions and culturing of microorganisms. Special emphasis is placed on oral pathologic problems.

625. Biopathology Seminar (3 cr) Staff
A course designed to offer the student the opportunity to question a panel of staff members concerning their views on controversial subjects in the basic and clinical areas of dentistry.

691. Oral Pathology Seminar (2 cr) Burch, Schiess, and Staff
A course designed to make the student aware of the responsibility of the dentist for the early diagnosis of diseases of the oral cavity and adjacent structures.

650. Oral Pharmacology (2 cr) Shaw, Ursick
Physical and chemical properties, pharmacological action, dosage, and methods of administration and application of medicinal agents used in dentistry.

659. Oral Medicine (2 cr) Burch, Gordon, Schiess, and Staff
Diseases of certain organs and systems as related to the diagnosis, prognosis and treatment of the dental patient.

Oral Diagnosis and Treatment Planning

509. Professional Orientation (1 cr) Staff
To motivate students to recognize and fulfill their social and moral responsibilities to their patients, their civic responsibility to the community and their ethical obligation to the profession of dentistry.

510. Professional Orientation (1 cr) Staff
Professional Orientation 509 cont’d.

613. Diagnosis and Treatment Planning (2 cr) Ahrens, Knapp, McKinty
Lectures and clinical periods devoted to the use and value of supportive diagnostic material and methods; study and recording of the basic elements of oral examinations. These recorded studies, with total patient health in mind, are related to probable prognoses and to the development of satisfactory treatment programs.

614. Diagnosis and Treatment Planning (1 cr) Ahrens, Knapp, McKinty
Diagnosis and Treatment Planning 613 cont’d., with added emphasis on the probabilities and implications involved in programming treatments of a more complicated or urgent nature. Students are expected to report on, and discuss, the handling of treatment and management problems. The professional and moral responsibilities of the dental practitioner are related to these problems.

659. Clinical Oral Diagnosis and Treatment Planning (1 cr) Ahrens, Knapp, McKinty
The student is confronted with many ordinary and complex problems in the evaluation of dental conditions and diseases as they appear in new patient groups. Approaches to the preliminary and final management of these problems in all areas of dentistry are explored, evaluated, and programmed. The relationship to both physical and dental health is carefully considered.

660. Clinical Oral Diagnosis and Treatment Planning (1 cr) Ahrens, Knapp, McKinty
Clinical Oral Diagnosis and Treatment Planning 659 cont’d.
611. Clinical Oral Surgery (1 cr) Atkinson, Martin, Quast, Schoettger, Singer, Smith, Webster, Wickless
A course to instruct the beginning operator in the clinical application of basic principles.

633. Fundamental Principles and Methods of Oral Surgery (1 cr) Oral Surgery Staff
Fundamental principles and methods of operating room technic armamentarium, set up for oral surgery; care and sterilization of surgical instruments and supplies. Introductory course in oral surgery, stressing the fundamentals of surgery of the oral cavity and hospital decorum.

634. Oral Surgery (1 cr) Oral Surgery Staff
Surgery of the mouth, etiology, diagnosis, and treatment. A junior externship will familiarize a student with hospital routine, care of patients hospitalized for general as well as for oral diseases, and produce a better understanding of the problems in the fields of medicine and allied professions.

640. General Anesthesia (1 cr) S. Miller
Considerations of the various general anesthetic agents that are administered by inhalation and by intravenous injection.

667. Clinical Oral Surgery (1 cr) Oral Surgery Staff
Students operate under local or general anesthesia. Observations of and assistance in the operating of impactions, cysts, tumors, alveolectomies, sinuses, and fractures.

668. Clinical Oral Surgery (2 cr) Oral Surgery Staff
Clinical Oral Surgery 667 cont'd.

673. Oral Surgery Diagnosis and Treatment (1 cr) Oral Surgery Staff
Diagnosis and treatment of oral surgery cases, some of which are beyond the scope of the general dentist, but knowledge in these areas is necessary for proper referral for treatment.

674. Oral Surgery Diagnosis and Treatment (1 cr) Oral Surgery Staff
Oral Surgery 673 cont'd.

Orthodontics

575. Orthodontics Concepts (1 cr) Staff
Introduction to orthodontics emphasizing basic concepts of interest to all disciplines of dentistry; growth and development of head and face, development of occlusion, cephalometric techniques as related to development of facial and dental patterns.

631. Orthodontic Technology and Concepts (2 cr) Holland, Stemm

632. Orthodontics (1 cr) McKee, Stemm
Clinical assignments will include interceptive orthodontic procedures and appliances that may be of particular value for the general practitioner. Orthodontic examinations and evaluation will be made for each pedodontic patient and those requiring attention will be reappraised periodically regarding their growth, development, and treatment needs with a view toward total patient care. Lectures on various clinical problems, their solutions, limitations, and appliance design and application.

675. Clinical Orthodontics (1 cr) Etzelmiller, Harman, Mack, McKee, Stemm
Clinical assignments continued. Special observation seminars in graduate orthodontic clinic and case analysis of malocclusions of an interceptive nature.

676. Clinical Orthodontics (1 cr) Etzelmiller, Harman, Mack, McKee, Stemm
Clinical Orthodontics 675 cont'd.

Pedodontics

635. Pedodontics and Nutrition (2 cr) Gutz, Kramer, Sullivan
Brief review of embryology, histology, and anatomy of the primary teeth; child growth and development; management of the child in the dental chair; examination of the child patient; treatment planning and operative procedures for the primary and young permanent teeth, physical diagnosis; diet and nutrition, and parent-child and parent-dentist relationship. Reading assignments given to cover the current literature on the subject discussed.
636. **Clinical Pedodontics (2 cr)** Best, Burton, Gutz, Ireland, Kramer, Reichenbach, Sullivan, Wilkinson

Students complete mouth and oral examination and diagnosis for each child and plan treatments, after which all operative and surgical procedures are carried to completion by the student. The dental student is instructed in the team approach to restorative dentistry by utilizing the services of a chairside assistant. Parents are also informed about other facts concerning the child's dental health.

637. **Dental Auxiliary Utilization (1 cr)** Gutz, Kramer, Steinacher, Warner

Orientation and instruction in the team approach to dental practice. The roles of the assistant, technician, and hygienist will be covered. Chairside assisting techniques, instrument exchange, and four-handed dentistry will be stressed.

639. **Clinical Pedodontics (2 cr)** Best, Burton, Gutz, Ireland, Kramer, Reichenbach, Sullivan, Wilkinson

Clinical Pedodontics 636 cont'd.

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**Periodontics**

547. **Immunology and Theoretical Periodontology (2 cr)** Adams, Berry, McLey, Tussing

An introduction to the concepts of lost immunity with emphasis on tissue response to diseases of the supporting tissues of the teeth, as observed clinically, microscopically, and roentgenographically. Causes and treatment of the diseases are stressed.

558. **Periodontal Therapy (2 cr)** D. Adams, Berry, McLey, Tussing

Theoretical Periodontology. Students have an opportunity to make practical application in the infirmary of the fundamentals of diagnosis and treatment of periodontal disease.

629. **Clinical Periodontics (2 cr)** D. Adams, Berry, Dokken, Hauserman, Malena, McLey, Tussing, Yampolsky

Clinical management of periodontal disease is begun with emphasis on diagnosis treatment planning, oral physiotherapy, instruction, and pre-surgical therapy.

630. **Clinical Periodontics (1 cr)** D. Adams, Berry, Dokken, Hauserman, Malena, McLey, Tussing, Yampolsky

Clinical Periodontics 629 cont'd., with introduction to surgical procedures in assisting senior and graduate cases.

697. **Clinical Periodontics (1 cr)** D. Adams, McLey, Berry, Dokken, Hauserman, Malena, Tussing, Yampolsky

Clinical management of periodontal disease is continued and expanded to include more advanced therapeutic procedures. Current modalities are initiated for the various techniques of surgery, occlusal evaluation, and preventive maintenance.

698. **Clinical Periodontics (2 cr)** D. Adams, Berry, Dokken, Hauserman, Malena, McLey, Tussing, Yampolsky

Clinical Periodontics 697 cont'd. Student is encouraged to become involved in more complicated periodontal case problems.

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**Preventive Dentistry and Community Health**

500. **Dental Literature and History (1 cr)** Edwards

Guidance in the selection of current dental literature. Instruction in history of the profession, familiarizing the student with the development and progress of dentistry and those responsible for it.

501. **Introduction to Primary Preventive Dentistry (1 cr)** Vidmar and Staff

An introduction to preventive dentistry including the epidemiology, etiology, and control of dental caries and periodontal disease. In addition, each student will participate in a clinical program of personal disease control.

502. **Clinical Preventive Dentistry I (1 cr)** Dental College Staff

Each student will be responsible for working with assigned dental college patients for the purpose of establishing with each patient a program of disease control. Prior to patient contact, lectures and discussions will consider the technics of patient education and management and the psychology of working with people.
581. Clinical Preventive Dentistry II (1 cr) Dental College Staff
Continuation of PDCH 502. These courses are part of the Dental College's over-all preventive and disease control program for patients of the College.

582. Clinical Preventive Dentistry III (2 cr) Dental College Staff
Continuation of PDCH 502 and 581.

601. Community Health and Dentistry (1 cr) Vidmar and Staff
Preparation of students for second semester field education. Includes guest lecturers, panel discussions on society, human behavior, health attitudes and behavior, and health in the United States.

602. Field Education in Community Health and Dentistry (1 cr) Vidmar and Staff
Field experiences, seminars, and independent projects. Experiences in schools, health departments, hospitals, community action programs, and/or welfare departments in Lincoln, Omaha, and Beatrice will be utilized by each student in developing an independent project for community health and dentistry.

651. Practice Administration (1 cr) Greer, Krejci, Vidmar
Professional ethics, business methods, dental records, case presentation, and general management of dental practice.

681. Society and the Dentist (1 cr) Vidmar and Staff
The dental health of the public and how it is measured, meeting the demand for dental care, and preventive dentistry in practice are topics included in this lecture and discussion course.

682. Preventive Dentistry and Community Health (1 cr) Vidmar and Staff
Summary, review, and evaluation of the four-year curriculum in preventive dentistry and community health.

690. Dental Jurisprudence (1 cr) Parker
Legal information which is essential and beneficial to the practicing dentist. Professional ethics is included.

Prosthodontics

563. Complete Denture Prosthesis (4 cr) Clough, Knodle
An introduction to prosthodontics including theory and basic procedures in constructing complete dentures. Lectures, laboratory, and clinical demonstrations will be employed to teach the various phases of prosthetic service.

564. Clinical Prosthodontics (1 cr) Clough, Knodle, Leeper, Marshall, Nelson, Steinacher
The construction of a complete maxillary and mandibular denture including all the clinical and laboratory procedures necessary for this type of service.

641. Removable Partial Denture Prosthesis (3 cr) Leeper, Steinacher
Theory and basic procedures in partial denture construction. Emphasis on diagnosis and treatment planning will be stressed through lectures, laboratory, and clinical demonstrations.

643. Clinical Prosthodontics (2 cr) Bates, Clough, R. B. James, M. Jones, Knodle, Leeper, Marshall, Nelson, Noel, Ogden, Steinacher
Prosthodontics 565 cont'd., including construction of complete, immediate, and partial denture (removable) service. This is a one year course (two semesters).

683. Clinical Prosthodontics (2 cr) Bates, Clough, R. B. James, M. Jones, Knodle, Leeper, Marshall, Nelson, Noel, Ogden, Steinacher
Prosthodontics 643 cont'd. Lectures will also be given on a review of basic prosthetic procedures, cleft palate research and treatment concepts, oral rehabilitation, occlusal equilibrium techniques, and adjunctive information specific to other prosthetic problems. This is a one-year course (two semesters).

Restorative Dentistry

529. Oral Physiology, Dental Anatomy and Occlusion (2 cr) Jones, Ludlow, Sullivan, Wentz
Study of the physiology of the components of the masticatory organ and the contact relationship of the permanent and primary teeth during function. Wax carving techniques employed.

530. Oral Physiology, Dental Anatomy and Occlusion (2 cr) Jones, Ludlow, Sullivan, Wentz
Continued study of contact relationship of permanent and primary teeth during function. Wax carving techniques.
531. Dental Materials (1 cr) Krejci, Pudwill, and Staff
The study of materials used in dentistry. Particular emphasis is placed on chemical and physical properties, indications for usage, limitations, and methods of manipulation. Modified and simplified dental structures constructed in the laboratory.

532. Dental Materials and Operative Technology (2 cr) Krejci, Pedersen, Rinne
Dental Materials 531 cont'd.

551. Operative Technology (4 cr) Pedersen, Rinne, and Staff
The fundamental principles of operative dentistry; classification of cavities, instrumentation, preparation, and the indication, selection, and use of various restorative materials.

552. Clinical Orientation, Local Anesthesia and Clinical Dentistry (2 cr) McCabe, Jones, Keys, Krejci, Ludlow, Pudwill, G. Webster and Staff
Beginning clinical instruction. Clinical operative and prophylactic procedure, problems encountered in clinical practice. Ultra-speed instruction and demonstration are given.

569. Occlusion (1 cr) Jones, Wentz, and Staff

570. Occlusion (1 cr) Jones, Wentz, and Staff
Occlusal analysis, including face bow transfer, cast mounting, and occlusal adjustment on models.

574. Fixed Partial Denture Prosthesis (4 cr) Lynn, McCabe, Pudwill
Fabrication of porcelain and acrylic resin veneer crowns and inlays; construction of porcelain units for partial dentures; staining and coloring processes. Crown and bridge technology.

603. Occlusion (1 cr) Jones, Wentz, and Staff
Diagnosis and treatment of functional disturbances of the masticating system in clinical patients.

604. Clinical Seminar on Occlusion (optional) (1 cr) Jones, Wentz, and Staff
Interdisciplinary study of clinical problems in occlusion as they relate to operative dentistry, fixed denture prosthesis, removable partial denture prosthesis, and periodontics.

609. Advanced Problems in Cast Restorations and Occlusion (1 cr) Krejci and Staff

615. Operative Technology in Gold Foil (1 cr) McCabe, Merchant, Rinne
The fundamental principles of gold foil operations with classification of cavity preparations, instrumentation, and indications for its use. Class 3 gold foil demonstration.

617. Operative Technology and Clinical Dentistry (2 cr) Jones, Keys, Krejci, Ludlow, Lynn, McCabe, Merchant, Pedersen, Pudwill, Rinne, G. Webster
The restoration of impaired natural teeth to normal function by operative procedures.

618. Clinical Operative Dentistry (2 cr) Jones, Keys, Krejci, Ludlow, Lynn, McCabe, Merchant, Pedersen, Pudwill, Rinne, G. Webster
Operative Technology and Clinical Dentistry 617 cont'd.

645. Clinical Fixed Partial Denture Prosthesis (3 cr) Krejci, Lynn, McCabe, Pudwill, and Staff
Beginning clinical procedures in crown and bridge. This is a one-year course (two semesters).

655. Clinical Operative Dentistry (3 cr) Jones, Keys, Krejci, Ludlow, Lynn, McCabe, Merchant, Pedersen, Pudwill, Rinne, G. Webster
Clinical practice continued. The student is permitted to work with less supervision and is assigned the more complicated cases. This is a one-year course (two semesters).

687. Clinical Fixed Denture Prosthesis (3 cr) Krejci, Lynn, McCabe, Pudwill, and Staff
Basic review of crown and bridge technology, more complex fixed partial denture planning, occlusion revision, and a review of new or current techniques. This is a one-year course (two semesters).
683. **Clinical Seminar on Occlusion** (optional) (1 cr) Jones, Wentz, and Staff
Interdisciplinary study of clinical problems in occlusion as they relate to all areas of the clinical practice of dentistry.

684. **Clinical Seminar on Occlusion** (optional) (1 cr) Jones, Wentz, and Staff
Continued interdisciplinary study of clinical problems in occlusion.

**Non-Departmental**

549. **Freshman Research** (1-3 cr) Staff
Optional individual undergraduate research is offered for those students whose research proposals are approved by the Faculty Research Committee. Credit hour assignment is determined by the committee and is based on the complexity of the research.

561. **Oral Radiological Techniques** (1 cr) Johnson, Waggener
Fundamental physics concerning the generation of x-rays and the biological effects, both somatic and genetic, are discussed. Students are taught technical procedures for exposing dental x-ray films based on the characteristic behavior of x-rays.

562. **Oral Radiological Interpretation** (1 cr) Johnson, Waggener
Normal and pathological changes occurring in the oral and dental tissues are correlated with their radiographic appearance.

599. **Sophomore Research** (1-3 cr) Staff

620. **Table Clinic** (1 cr) Shaw and Staff
A demonstration project is developed by each student with junior standing. The Table Clinic project is demonstrated at an open house each spring. One is selected to represent the College of Dentistry at the annual meeting of the American Dental Association each fall.

649. **Junior Research** (1-3 cr) Staff

657. **Senior Clinical Seminar** (1 cr) Staff
658. **Senior Clinical Seminar** (1 cr) Staff
699. **Senior Research** (1-3 cr) Staff

**Interdepartmental Clinical Dentistry**

**Summer Session** (5 cr) Staff
Instruction in all phases of clinical practice is offered in the summer session. Students having junior or senior standing are required to attend. Participation fulfills the requirement for a grade of P.
UNIVERSITY OF NEBRASKA–LINCOLN
CURRICULUM IN DENTAL HYGIENE

The University of Nebraska–Lincoln's dental hygiene curriculum is fully approved by the Council on Dental Education of the American Dental Association, and its graduates are eligible for examination and licensure in all states. Both the Certificate in Dental Hygiene and the Bachelor of Science in Dental Hygiene degree are awarded by the University of Nebraska–Lincoln. At least one year of courses in a liberal arts college, either in the College of Arts and Sciences, University of Nebraska–Lincoln, or some other accredited college, is prerequisite to admission to the Department of Dental Hygiene to pursue study either for the certificate or the degree in dental hygiene.

Requirements for Admission

An applicant must meet all the entrance requirements of the College of Arts and Sciences, including the Scholastic Aptitude Test, and must be eligible for admission to the University of Nebraska–Lincoln.

Preparation for the study of dental hygiene begins in high school. The prospective dental hygiene student should take a four-year college preparatory course which includes the following subjects:

- English ........................................ 3 years
- Mathematics .................................... 3 years
- Foreign language (one language) .............. 2 years
- Biology .......................................... 1 year
- Chemistry ...................................... 1 year

The college freshman who is planning to become a dental hygienist will take a program of studies similar to that of other freshmen pursuing almost any other field of study. English, natural sciences, social sciences, and at least one elective are included in the first year programs of most college students. In the case of the prospective dental hygiene student, specific courses within each of these study areas, which relate to and are required in the dental hygiene curriculum, are recommended. A typical program of courses for a predental hygiene student would include:

1. English 1 and 2
2. Chemistry 13
3. Sociology 53
4. Psychology 70
5. History 81 and 82 or History 83 and 84 or Political Science 10 and 20
6. Speech 9
7. An elective in the humanities
8. An elective in the field of study which the student chooses as a minor

During this first year of college the predental hygiene student will complete several courses which are requirements in the dental hygiene curriculum. These courses are not repeated in the dental hygiene program; in consultation with an adviser, courses which are needed to fulfill requirements for the bachelor's degree are substituted for courses previously completed.

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Applicants to the dental hygiene curriculum are urged to take the dental hygiene aptitude test, which is given at the University of Nebraska–Lincoln in February of each academic year. Further information and application forms for this test can be secured from the Department of Dental Hygiene, College of Dentistry.

If possible, the dental hygiene applicant should work for a month or two, possibly in the summer, as an assistant or receptionist in a dental office. This experience will help to confirm the applicant's interest in this field of study and work.

Unless the applicant lives a great distance from Lincoln, a personal interview with the Chairman of the Department of Dental Hygiene will be required before the applicant is admitted to the dental hygiene curriculum. When it is not possible for the applicant to come to Lincoln, an interview with a designated person in the vicinity may be arranged.

**Admission Procedure**

High school seniors who are expecting to enter the University of Nebraska–Lincoln as freshman, pre-dental hygiene students should write to the Director of Admissions, 109 Administration Building, to secure forms for making application to the University. When completed, these forms should be returned to the Office of the Director of Admissions.

Transfer students applying for admission to the dental hygiene curriculum should write to the Department of Dental Hygiene, College of Dentistry, to secure forms for making application both to the University and to the Department of Dental Hygiene. Transfer applicants should return all completed application forms to the Department of Dental Hygiene, College of Dentistry.

Applications for admission in September are accepted beginning in January of the year in which the applicant expects to be admitted. Prospective applicants are urged to begin the application procedure as early in the year as possible. All required materials should be sent to the Dental Hygiene Department by March 15 to insure consideration by the Admissions Committee. Selection of the class to be admitted in the fall is usually completed by May 1. Upon notice of acceptance for admission to the dental hygiene curriculum, a letter of intent to enroll plus a deposit of $50 is required. This deposit is not refundable but applies toward payment of tuition and fees when the student enrolls. All applicants are notified of the action taken by the Admissions Committee in regard to their application no later than June 15.

In any group of qualified applicants, priority will be given to residents of the State of Nebraska and of nearby states within this region.

**Requirements for the Degree of Bachelor of Science in Dental Hygiene**

By using the dental hygiene subjects as a major and by completing all group requirements of the College of Arts and Sciences (except Group C languages) including the requirements of a minor under either Plan A or Plan B, the student can be awarded the degree of Bachelor of Science in Dental Hygiene. The two years of study in dental hygiene must be taken consecutively, but the two additional years in the College of Arts and Sciences can either be taken before the two years in dental hygiene, or one year of liberal arts courses may be taken before and the second year may follow the dental hygiene curriculum. However, at least 30 of the last 36 hours of credit needed for the bachelor's degree
must be registered for through, and with the approval of, the College of Dentistry. Ordinarily, these credits will be completed in a college on the Lincoln campus.

Students electing the degree program will be counseled, individually, throughout the four-year program. Students who wish to earn credits in general college courses at some institution other than the University of Nebraska—Lincoln should write or come to the Department of Dental Hygiene for advice regarding selection of courses. (Refer to the College of Arts and Sciences Bulletin for specific information pertaining to the Group and Minor Requirements.)

**Expenses for the Course**

The fee for the dental hygiene curriculum, which averages 15 to 16 credit hours per semester, is $267.50 per semester for Nebraska residents ($630.50 for nonresidents). A program of more than 16 hours will be assessed an additional $18 per hour ($48.25 for nonresidents). For example, an 18-hour program would be assessed $303.00 ($727.00 for nonresidents). Instruments, uniforms, and laboratory supplies required for the course will amount to approximately $350 for the two-year period. The cost of books and school supplies will average $50 per semester. Room and board in University dormitories currently is $940 per year. All rates are subject to change.

(See pages 14 and 15 for scholastic requirements.)

**CURRICULUM IN DENTAL HYGIENE**

**IN THE**

**COLLEGE OF DENTISTRY**

**Curriculum in Dental Hygiene in the College of Dentistry**

(70 Semester Hours of Credit)

**First Year**

**First Semester**

**Chemistry 13. General Chemistry I** *(4 cr)*

Lect 3 lab and quiz 4. Prereq 2 units of high school mathematics including algebra and geometry. (Credit may be earned in only one of the courses: Chem 11, 13, and 15).

Introduction to principles of chemistry for students in technical and vocation areas which require chemical training for their major field. Topics covered include states of matter and kinetic molecular theory, atomic theory and structure, chemical bonding and molecular structure, kinetics and equilibria, acid-base and oxidation-reduction reactions. Application of chemical principles to real systems including treatment of the chemistry of metals and nonmetals, nuclear chemistry, consideration of the organic chemistry of carbon, and biochemical reactions and metabolism.

**Dental Hygiene 115—Introduction to Dental Hygiene** *(3 cr)* Warner

Lect 3

A survey of the history, development, and current status of the dental hygiene profession, its subject matter and practice characteristics.

**Dental Hygiene 123—Oral Physiology and Dental Anatomy** *(3 cr)* Staff

Lect 2, lab 4

A study of the form and function of the permanent and primary teeth.

**English 1—English Composition** *(3 cr)* Staff

Instruction and practice in composition and general expression.

**Zoology 21—Human Physiology and Anatomy** *(4 cr)* Landolt

Lect 3, lab 3. Prereq or parallel 1 sem chemistry

Study of the physiology and anatomy of the body as a whole, and its parts. Structure and function of cells, tissues, organs, and systems. The structure and function of the skeletal, muscular, and nervous systems. Additional studies of the receptor mechanisms of the nervous system.
Dental Hygiene 215—Oral Histology (2 cr) Wentz
Lect 2, lab 2
A study of the composition and microscopic anatomy of the teeth and their supporting structures.

Second Semester

Chemistry 5—The Chemistry of Life Processes (4 cr) Doryland
Lect 3, lab and quiz 4. Prereq Chem 1, 3, 11, or 15 with a grade of at least C
A brief survey of organic chemistry and biochemistry with emphasis on the chemistry of living tissues and metabolic processes.

Zoology 22—Human Physiology and Anatomy (4 cr) Landolt
Lect 3, lab 3. Prereq Zool 21
Zoology 21 cont’d. Study of the blood and other body fluids, the circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems. Additional studies concerning foods and metabolism; fertilization and development.

English 2—English Composition (3 cr) Staff
English 1, cont’d.

Dental Hygiene 146—Dental Prophylaxis (2 cr) Warner and Staff
Lect 3, lab 3 (8 wks), clinic 6 (8 wks)

Sociology 52—Introduction to Sociology (3 cr) Staff
Association and communication, the nature and types of human groups, the basic elements affecting them, collective behavior, the nature and growth of culture, social organization and social institutions.

Second Year
First Semester

Dental Hygiene 147—Clinical Dental Hygiene (2 cr) Warner, Staff
Clinic 14
Continuation of previous semester.

Dental Hygiene 175—Oral Roentgenology (1 cr) Johnson, Waggener
Lect 1, lab 1
A study of the construction and function of dental x-ray units, principles of radiation protection, technical procedures for exposing and processing dental x-ray films.

Dental Hygiene 316—Pathology (2 cr) Schiess
Lect 2
Introduction to a study of the diseases affecting the oral cavity, particularly the soft tissues. Emphasis upon the role of the dental hygienist in the recognition of abnormal conditions in the mouth.

Dental Hygiene 318—Community Dental Health (3 cr) Staff
Lect 3, field assignments 3 (8 wks)
A survey of the theory and practice of public health, particularly as it applies to dental health; methods used to determine dental health status in communities and procedures for improving the dental health of the public, procedures in health education in the private dental office and in the community. The role of the private practitioner in the improvement and maintenance of dental health in the community is stressed. Field experiences and projects in school and other community agencies provide the student with an opportunity to apply learned principles to actual practice.

Dental Hygiene 322—Periodontology (1 cr) Bradley
Lect 1
A brief survey of the nature, causes, and treatment of periodontal diseases with particular emphasis upon the role of the dental hygienist in prevention of diseases of the periodontal structures.

Dental Hygiene 211—Introduction to Pharmacology (2 cr) Shaw
Lect 2
A study of the physical and chemical properties, pharmacological action(s), dosage(s), methods of administration, factors that modify the action of drugs, and untoward effects of medicinal agents used in the treatment of disease. Drug legislation and metrology are also considered.

Microbiology 112—Fundamentals of Microbiology (3 cr)
Lect 3. Prereq 1 yr biological science and 1 yr chemistry. 1 sem organic chemistry recommended
A study of the structure of microbial cells, their nutrition and growth, metabolic and biosynthetic activity and host-parasite relationships.
Microbiology 114—Microbiology Laboratory (1 cr)
Lab 3. Prereq Same as 112. To be taken concurrently with Microb 112
For College of Pharmacy, Dental Hygienists, College of Agriculture, and College of Home Economics students.

Public Health 70—Emergency Health Care (3 cr)
Study of underlying structure and functions basic to emergency care and specific techniques for their care. Red Cross certification available.

Second Semester

Dental Hygiene 148—Clinical Dental Hygiene (2 cr) Warner and Periodontal Staff
Clinic 12
Continuation of previous semester, plus an intensive clinical orientation to the management of periodontal disease.

Dental Hygiene 176—Oral Roentgenology (2 cr) Johnson, Weggner
Lab 2
Continuation of first semester Dental Hygiene 75. Practice in exposure and processing of dental x-ray films.

Dental Hygiene 186—Dental Materials and Technics (2 cr) Krejci and Staff
Lect 1, lab 2
A brief survey, including lectures, demonstrations, and laboratory experience in the composition, uses, preparation, and manipulation of materials used in restorative dentistry.

Dental Hygiene 312—Dental Hygiene Seminar (2 cr) Warner
Lect 2
Discussion of dental practice management and economics, ethics, and jurisprudence, and the professional organizations of dentistry. Through library assignments in current journals, experience will be gained in reading and reporting the scientific literature.

Psychology 70—Elementary Psychology (4 cr)
Fundamental principles of behavior: maturation, learning, motivation, emotion, perception, abilities.

Food and Nutrition 51—Introduction to Nutrition (3 cr)
An introduction to the principles of nutritional science and the relationship to the individual, the family, the community, and the world.
(Students with credit in Chemistry 5 may take this course for 2 credits only.)

Speech 9—Fundamentals of Oral Communication: Speaking and Listening (3 cr) Staff
Training in basic speech skills, including development of confidence and poise, the communicative speaking manner, bodily control, and vocal expressiveness, with application in speech making, oral reading, and group discussion. Training in appreciative, comprehensival and critical listening.

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COLLEGES, SCHOOLS, AND DIVISIONS OF THE UNIVERSITY OF NEBRASKA — LINCOLN

College of Agriculture
Leading to the degree of Bachelor of Science in Agriculture.
In addition to the resident teaching division, the College of Agriculture is comprised of the Agricultural Experiment Station with headquarters on the Lincoln campus and at outlying stations at North Platte, Scottsbluff, Mead, Clay Center, and Concord; the Agricultural Extension Service with headquarters in Lincoln, and county or district extension offices at 85 locations in the state; and the University of Nebraska School of Technical Agriculture at Curtis.

College of Arts and Sciences
Leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science.

School of Journalism
Leading to the degrees of Bachelor of Arts, Bachelor of Science in Agriculture, Bachelor of Science in Business Administration, and Bachelor of Arts in Education — in the appropriate colleges.

School of Music
Leading to the degrees of Bachelor of Music and Bachelor of Music in Education — in the appropriate colleges.

College of Business Administration
Leading to the degree of Bachelor of Science in Business Administration.

College of Dentistry
Leading to the degrees of Doctor of Dental Surgery and Bachelor of Science in Dental Hygiene.

College of Engineering and Architecture
Leading to the degrees of Bachelor of Science in Agricultural Engineering, Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Computer Science, Bachelor of Science in Electrical Engineering, Bachelor of Science in Industrial Engineering, and Bachelor of Science in Mechanical Engineering.
Supervises Nebraska Engineering Research Center, Lincoln.

School of Environmental Development
Leading to the degrees of Bachelor of Science in Architectural Studies, Bachelor of Science in Construction Science.

Graduate College

Graduate School of Social Work
Leading to the degree of Master of Social Work.

College of Home Economics
Leading to the degree of Bachelor of Science in Home Economics.
In addition to the resident teaching division, the College of Home Economics has programs within the Agricultural Experiment Station and the Agricultural Extension Service.

College of Law
Leading to the degree of Juris Doctor.

College of Pharmacy
Leading to the degree of Bachelor of Science in Pharmacy.

Teachers College
Leading to the degrees of Bachelor of Science in Education, Bachelor of Arts in Education, Bachelor of Fine Arts in Education, Bachelor of Music in Education.

University Extension Division
Summer Sessions

Separate bulletins or information concerning any college, school, or division can be obtained free of charge by addressing the Admissions Office, University of Nebraska — Lincoln
Lincoln, Nebraska 68508