

E N T I S T R Y

RD OF THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL / MARCH EIGHTY-ONE



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**NUMBER 912**

**RECORD OF  
THE UNIVERSITY OF NORTH CAROLINA  
AT CHAPEL HILL**

(USPS 651-960)

**THE ONE HUNDRED AND  
EIGHTY-SEVENTH SESSION**

**THE SCHOOL OF DENTISTRY**

Announcements for the Session  
1981-1982

The University of North Carolina at Chapel Hill  
Chapel Hill, NC 27514

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THE UNIVERSITY OF  
NORTH CAROLINA  
Sixteen Constituent  
Institutions

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Richard H. Robinson, Jr., A.B., LL.B., *Assistant to the President*

Robert W. Williams, A.B., M.A., Ph.D., *Associate Vice President - Academic Affairs*

Corporate History and  
Organization

North Carolina has one statewide University consisting of sixteen constituent institutions. The corporate history of this University begins in 1789, when the General Assembly chartered The University of North Carolina. That institution opened its doors to students at Chapel Hill in 1795.

By act of the General Assembly of 1931, the North Carolina College for Women at Greensboro and the North Carolina State College of Agriculture and Engineering at Raleigh were consolidated with the University at Chapel Hill to form a multicampus institution designated The University of North Carolina. In 1963 the General Assembly renamed the campus at Chapel Hill as The University of North Carolina at Chapel Hill and that at Greensboro as The University of North Carolina at Greensboro. In 1965 the campus at Raleigh was renamed North Carolina State University at Raleigh.

Charlotte College was added in 1965 as The University of North Carolina at Charlotte, and in 1969 Asheville-Biltmore College and Wilmington College became, respectively, The University of North Carolina at Asheville and The University of North Carolina at Wilmington.

In 1971 the General Assembly in special session merged, without changing their names, the remaining ten state-supported senior institutions into the University. These are Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State

\*Effective November 10, 1980.

\*\*On leave, effective November 1, 1980, as Acting Chancellor of North Carolina Agricultural and Technical State University.

University, North Carolina Agricultural and Technical State University, North Carolina Central University, North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created, effective July 1, 1972, a statewide multicampus university of sixteen constituent institutions called The University of North Carolina.

The present State Constitution, adopted in 1970, includes this language, which is essentially the same provision that has appeared in the Constitution since 1868: "The General Assembly shall maintain a public system of higher education, comprising The University of North Carolina and such other institutions of higher education as the General Assembly may deem wise. The General Assembly shall provide for the selection of trustees of The University of North Carolina . . ." In the reorganization act of 1971, the constitutionally authorized Board of Trustees was designated the Board of Governors. This Board, consisting of thirty-two members elected by the General Assembly, is "responsible for the general determination, control, supervision, management, and governance of all affairs of the constituent institutions."

Each constituent institution has a board of trustees composed of thirteen members. Of these thirteen, eight are elected by the Board of Governors, four are appointed by the Governor, and one, the elected president of the student body, serves *ex officio*. The North Carolina School of the Arts has two additional trustees, both of whom serve *ex officio*. The principal powers of these institutional boards are exercised under a delegation of authority from the Board of Governors.

Each constituent institution of The University of North Carolina has its own faculty and student body. The chief administrative officer of each institution is the chancellor. The chancellors are responsible to the President, who is the chief administrative officer of the statewide University. General policy and appropriate allocation of function are effected by the Board of Governors and by the President with the assistance of other administrative officers of the University. The office of the General Administration is located in Chapel Hill.

#### THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Christopher Columbus Fordham III, M.D., *Chancellor*  
Susan Haughton Ehringhaus, J.D., *Assistant to the Chancellor*  
Douglas Hunt, LL.B., *Special Assistant to the Chancellor*  
Claiborne Stribling Jones, Ph.D., *Special Assistant to the Chancellor*  
<sup>1</sup>Gillian Townsend Cell, Ph.D., *Affirmative Action Officer*  
Sarah Virginia Dunlap, B.S., *Secretary to the University*  
Donald Arthur Boulton, Ed.D., *Vice Chancellor and Dean of Student Affairs*  
George Philip Manire, Ph.D., *Vice Chancellor and Dean of the Graduate School*  
John Charles Morrow III, Ph.D., *Provost*  
John Douglas Swofford, M.Ed., *Director of Athletics*  
John Lewis Temple, B.B.A., *Vice Chancellor, Business and Finance*  
Rollie Tillman, Jr., D.B.A., *Vice Chancellor, University Relations*  
James Ray Turner, *Associate Vice Chancellor, Health Affairs*  
<sup>2</sup>Harold Gene Wallace, M.Div., *Vice Chancellor, University Affairs*

#### THE SCHOOL OF DENTISTRY

<sup>3</sup>Raymond Petrie White, Jr., D.D.S., Ph.D., *Dean*  
Roger Evans Barton, D.D.S., *Associate Dean for Administration*  
Philip Francis Hirsch, B.S., Ph.D., *Director of Dental Research Center*

1. Effective January 15, 1981.
2. Effective December 1, 1980.
3. Resigned June 30, 1981.

Frank Webb McCracken III, B.S., D.D.S., *Assistant Dean for Out-Patient Service*  
Howard Garland Hershey, B.A., D.D.S., M.S., *Associate Dean for Academic Affairs*  
Roy Lawrence Lindahl, B.S., D.D.S., M.S., *Director of Continuing Education*  
James Bernard Machen, D.D.S., M.A.T., M.S., Ph.D., *Assistant Dean of Dental Education*  
Robert Jack Shankle, D.D.S., *Director, Public Relations and Development*  
Theodore Milton Roberson, B.S., D.D.S., *Director, Student Affairs*  
David Allan Shugars, B.S., D.D.S., Ph.D., *Assistant Director of Student Affairs*

**Administrative Board**

Howard Garland Hershey, B.A., D.D.S., M.S., *Chairman*  
Roger Evans Barton, D.D.S.  
Raymond Petrie White, Jr., D.D.S., Ph.D., *Dean*  
James R. Turner, *Associate Vice Chancellor*  
Philip Francis Hirsch, B.S., Ph.D.  
Gordon H. DeFriese, B.S., M.A., Ph.D.  
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Frank Thomas Stritter, A.B., M.A., Ph.D.  
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Kenneth Noland Max, A.B., D.D.S.  
Walter T. McFall, Jr., B.S., D.D.S., M.S.  
Fred Wilson Ellis, B.S., M.S., Ph.D., M.D.  
Ronald Dale Baker, D.D.S., M.A. (Ed.)  
Leonard Graham Jewson, D.D.S., M.S.

**Department Chairman  
Committee**

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Roger Evans Barton, D.D.S., *Associate Dean for Administration*  
Howard Garland Hershey, B.A., D.D.S., M.S., *Associate Dean for Academic Affairs*  
Philip Francis Hirsch, B.S., Ph.D., *Director of Dental Research Center*  
Roy Lawrence Lindahl, B.S., D.D.S., M.S., *Director, Continuing Education*  
Frank Webb McCracken III, B.S., D.D.S., *Assistant Dean for Outpatient Service*  
Theodore Milton Roberson, B.S., D.D.S., *Director, Student Affairs and Chairman, Department of Operative Dentistry*  
Robert Jack Shankle, D.D.S., *Director, Public Relations and Development*  
Daniel Allan Shugars, B.S., D.D.S., Ph.D., *Assistant Director of Student Affairs*  
Ronald Dale Baker, D.D.S., M.A., (Ed.), *Chairman, Department of Oral Surgery*  
Matthew Thomas Wood, A.B., D.D.S., M.S., *Chairman, Department of Removable Prosthodontics*  
Ernest Jefferson Burkes, Jr., B.S., D.D.S., M.S., *Chairman, Department of Oral Diagnosis*  
Luther Hill Hutchens, Jr., B.S., D.D.S., M.S., *Chairman, Department of Periodontics*  
William Robert Proffit, B.S., D.D.S., M.S., Ph.D., *Chairman, Department of Orthodontics*  
Theodore Richard Oldenburg, D.D.S., M.S., *Chairman, Department of Pedodontics*  
Irwin Joel Leeb, B.S., D.D.S., M.S., Ph.D., *Chairman, Department of Endodontics*

Donald William Warren, B.S., D.D.S., M.S., Ph.D., *Chairman, Department of Dental Ecology*  
Gene Allen Holland, A.A., D.D.S., M.S., *Acting Chairman, Department of Fixed Prosthodontics*  
James Bernard Machen, D.D.S., M.A.T., M.S., Ph.D., *Assistant Dean of Dental Education*  
Clifton Earl Crandell, B.S., D.D.S., M.S., M.Ed., *Director, Data Processing Center*

**Committee on  
Admissions**

Theodore Milton Roberson, B.S., D.D.S., *Chairman*  
Michael Kalen Berkut, Ph.D., (*School of Medicine*), *Vice Chairman*  
Cecil Rhodes Lupton, D.D.S.  
Frank Thomas McIver, A.B., D.D.S., M.S.  
Robert D. Langdell, M.D.  
Kathleen Ellegood Morr, B.Sc., M.S., (D.H.Ed.)  
Royce Lee Montgomery, B.A., M.S., Ph.D.  
Stanley Louis Fleming, D.D.S., M.S.  
Marvin Jerrold Block, B.S., D.D.S., M.P.H.  
Daniel Allan Shugars, B.S., D.D.S., Ph.D.  
James Michael George, B.S., Ph.D.  
John Daniel Moriarty, B.S., D.D.S., M.S.

**ADMINISTRATIVE  
OFFICERS AND  
DEPARTMENT  
CHAIRMEN**

Dr. R.P. White, Jr.  
Dean



Dr. R.E. Barton  
Assoc. Dean Admn.  
Dr. P.H. Hirsch  
Dir. Research Center  
Dr. F.W. McCracken III  
Assist. Dean Pat. Serv.  
Dr. H.G. Hershey  
Assoc. Dean Acad. Affairs



Dr. R.L. Lindhal  
Dir. Continuing Ed.  
Dr. J.B. Machen  
Asst. Dean Dental Ed.  
Dr. R.J. Shankle  
Dir. P.R. and Dev.  
Dr. D.A. Shugars  
Assist. Dir. Student  
Affairs



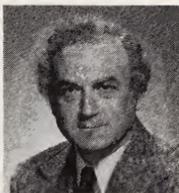
Dr. R.D. Baker  
Chair. Oral Surgery  
Dr. E.J. Burkes, Jr.  
Chair. Oral Diagnosis  
Dr. L.H. Hutchens, Jr.  
Chair. Periodontics  
Dr. I.J. Leeb  
Chair. Endodontics



Dr. G.A. Holland  
Act. Chair. Fixed Pros.  
Dr. T.R. Oldenburg  
Chair. Pedodontics  
Dr. W.R. Proffitt  
Chair. Orthodontics  
Dr. T.M. Roberson  
Dir. Student Affairs and  
Chair. Oper. Dent.



Dr. D.W. Warren  
Chair. Dental Ecology  
Dr. M.T. Wood  
Chair. Removable Pros.



1. Resigned June 30, 1981.

**INFORMATION PERTAINING TO THE UNIVERSITY**

The University of North Carolina at Chapel Hill is located in the beautiful Piedmont section of hills and forests, near the center of the State, and is surrounded with an environment of natural beauty, simple culture, and traditions. It has the honor of being the first State university in America.

The campus is widely regarded as one of the most beautiful and historic of the major universities, and the mild climate permits virtual year-round enjoyment of the surroundings. The Carolina beaches and the beautiful Blue Ridge Mountains are only a few hours drive from Chapel Hill, providing opportunity for scenic relaxation.

**GENERAL UNIVERSITY REGULATIONS AND POLICIES**

The University of North Carolina at Chapel Hill is committed to the principle of equal opportunity. It is the policy of this University not to discriminate on the basis of race, sex, color, national origin, religion, or handicap with regard to its students, employees, or applicants for admission or employment. Such discrimination is also prohibited by federal law. Any complaints alleging failure of this institution to follow this policy should be brought to the attention of the Assistant to the Chancellor.

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. Persons enrolled in the School of Dentistry are regarded as members of the student body of The University of North Carolina at Chapel Hill, and are held responsible for conducting themselves in conformity with the moral and legal restraints found in any law-abiding community. They are, moreover, subject to the regulations of the student government under the Honor Code and the Campus Code. (Information on these may be found in the Undergraduate Bulletin Issue of the University Record.) The dental student body has its own honor court which functions within the framework of the University Student Government.

**Alcoholic Beverages**

The University will establish no policy or regulation that sanctions either the use of alcoholic beverages or any action which contravenes State or Federal law regarding their purchase or consumption. The University discourages the drinking of alcoholic beverages, drunkenness, and other abuses of alcoholic beverages. Being under the influence of alcohol is considered a serious breach of conduct, and students who violate these standards are subject to appropriate disciplinary action.

**Automobile Regulations**

Every student at the University who owns and/or operates an automobile or other motor vehicle in or around Chapel Hill is required by University regulations to register it with the Traffic Office, and to secure and display on the car a sticker indicating that he is a student at the University. Motor vehicle registration is made each school year during the academic registration procedure. Motor vehicles acquired after the time of enrollment must be registered at the Traffic Office within forty-eight hours after the time of acquisition. A motor vehicle registration sticker is for registration purposes only and should not be construed as a parking permit. In no sense does the sticker guarantee the student a parking space. However, students in residence halls may have a reasonable expectation of finding a parking space within the zone in which their registration sticker is valid.

A complete set of rules and regulations governing parking and traffic will be furnished to each student at the time of the registration of his motor vehicle.

**Commercial Activities** Selling or soliciting by any person (private citizen or student), firm or corporation on the campus of the University is prohibited.

**Drugs** The illicit and improper use of certain drugs (for example cannabis, amphetamines, barbiturates, opiates, and hallucinogenic drugs) is incompatible with personal welfare and the pursuit of academic excellence and will not be tolerated by the University. Furthermore, the illicit possession or transfer of these drugs is a State and/or Federal offense and the University will cooperate fully with appropriate authorities in the enforcement of the law.

**Health and Recreation** The health of the student community is provided for by the infirmary staff of well-trained physicians and nurses. The University gymnasium and large athletic fields offer ample facilities for exercise and recreation, all under the supervision and direction of a well-organized Department of Physical Education.

**Division of Health Sciences** The Division of Health Sciences, which includes the schools of Dentistry, Medicine, Nursing, Pharmacy, and Public Health, has as its major responsibility the education of personnel to protect and restore the health of the people—primarily the people of North Carolina. While each school exists as an autonomous unit, the program is well coordinated under the immediate administration of the Vice Chancellor for the Health Sciences. Accordingly, there are many advantages which accrue for each of the schools, such as a more adequate staff, more complete facilities, and combined efforts in teaching and research. Basic science departments, for example, assume the responsibility for teaching students of the several schools. Dentistry assumes a full partnership role in the total programs of the Division.

In addition, and to supplement and strengthen these activities, there is a Health Sciences Library and mission-oriented Institutes and Centers which carry out interdisciplinary research, education, and service activities. These are: Center for Alcohol Studies, Carolina Population Center, Child Development Institute, Institute for Environmental Studies, Dental Research Center, Health Services Research Center, and Institute for Speech and Hearing Services.

There are also three staff units which provide special coordinating and leadership functions for the Division. These are: Office of Allied Health Sciences, Office of Continuing Education for Health Sciences, and a Social Research Section.

**Hospital Facilities** The North Carolina Memorial Hospital was opened in September of 1952 to serve the people of North Carolina as a major referral and teaching hospital for the State.

Located on the campus of The University of North Carolina at Chapel Hill, the Hospital serves as the environment in which many of the students from the five schools of the Health Sciences receive their clinical instruction.

The North Carolina Memorial Hospital has a capacity of more than 630 beds. The Hospital is accredited for residence programs in Family Medicine, Medicine, Anesthesiology, Dermatology, Obstetrics and Gynecology, Ophthalmology, Psychiatry, Radiology, Pathology, Pediatrics, Surgery, Dentistry, and other surgical and medical specialties.

**Libraries**

The Health Sciences Library, centrally located among the Health Sciences Schools, has an excellent collection consisting of over 176,000 volumes and 3,500 current serial titles. It is the primary library for The University of North Carolina Schools of Dentistry, Medicine, Nursing, Pharmacy, Public Health and The North Carolina Memorial Hospital. It serves as well the health information needs of the entire University at Chapel Hill and health personnel throughout the State. The library has over forty professional and support staff trained to serve library users. A wide range of information services is offered including automated reference services, with access to a number of online data bases, such as MEDLINE and TOXLINE. Information services librarians also provide a variety of opportunities for individual and group instruction in the use of the library's resources. A construction project currently underway will double the size of the existing building. The new building, to be finished in late 1981, will have seating for over 820 users, a stack capacity for 263,000 volumes, and a large audiovisuals center.

The University Library, with a collection in excess of 2,000,000 volumes, is also available to the student body and faculty. In addition, the Health Sciences Library can obtain materials on interlibrary loan from other libraries to answer the information needs of faculty, staff, and students.

**Withdrawals**

Formal withdrawal, which is prerequisite to honorable dismissal or re-entrance to this institution, must be approved by the student's dean. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the application is first filed with the dean.

If a student withdraws after the midterm and is reported as below passing in two or more courses, that semester will be counted as a semester in residence in all computations of his requirements for readmission. If a student withdraws before midterm, it will be left to the discretion of the dean as to whether or not that semester is to be counted as a semester in residence. The dean's verdict will be indicated specifically on the form used for withdrawal.



## THE SCHOOL OF DENTISTRY

The University of North Carolina School of Dentistry is recognized as one of the outstanding institutions of its type in the world. It serves to improve the health and welfare of mankind, and particularly for the people of North Carolina, through excellent programs in education, research, and service. Graduates of the School have demonstrated their sound education and preparation in all phases of dental practice, graduate training, research, service in the Armed Forces and Public Health Service, teaching, performances on state and national board examinations. The Administration and Faculty look to the future as programs are adopted to meet the changing patterns of society, the profession, and scientific advances. The role of leadership is accepted eagerly and is based on carefully planned progress, innovative approaches to professional education, and a constant basic concern for the student, his experience, and his well being.

The North Carolina General Assembly of 1949 made possible activation of the first School of Dentistry in the State. The first class was admitted in the fall of 1950, although the dental building was not occupied until September 1952. The 52,000 square foot structure is designed for efficient and up-to-date instruction in dental education.

In June of 1967 the Dental Research Center was completed and occupied. The four-story 44,000 square foot structure provides the most outstanding dental research facility to be found associated with dental education in this country. It offers the faculty and students unusual opportunity for exciting experience in research in a wide variety of projects. The Center is currently designated as one of five Regional Dental Research Centers funded by the National Institutes of Health.

On September 1, 1967, construction began on a major addition to the teaching and clinical facilities of the School of Dentistry. The new Brauer Hall is a five-story, 110,000 square foot structure and houses the most modern facilities for instruction and clinical experience for students in the School. Major renovations of the original dental building are being carried out as well. Brauer Hall was completed in the fall of 1969 and renovations of the original building will be sequenced over the next several years.

A one-story Office Wing for dental faculty was completed and occupied in the Fall of 1976. This facility provides offices and conference rooms.

The eight-story Berryhill Basic Medical Science Building, occupied in 1971, houses basic science teaching facilities for medical and dental students. The structure contains well-equipped lecture rooms and multidisciplinary laboratories. The Division of Laboratory Animal Medicine is also housed in this facility. The Preclinical Educational Building, completed in 1973, houses laboratory and office space as well as the hospital cafeteria and the Caduceus Bookstore. The Clinical Sciences Building, occupied in late 1975, contains office and research facilities for the basic science departments. Additional laboratory and office space is provided in the Faculty Laboratory and Office Building, completed in 1978.

All buildings in the School of Dentistry—School of Medicine—North Carolina Memorial Hospital complex are interconnecting and serve as a functional unit.

Dentistry at The University of North Carolina has been given an outstanding opportunity to make a contribution to the health sciences in its close working relationship with medicine. The North Carolina

Memorial Hospital, and the other schools of the Division. Students of dentistry and medicine attend comparable basic science courses, and they are required to meet equally high academic standards in all areas.

The University of North Carolina School of Dentistry is committed to providing for diverse student populations in each of the dental school programs. It is the policy of the school and University not to discriminate on the basis of race, sex, color, national origin, or handicap with regard to its students, employees, or applicants for admission or employment.

Eighty-three dental students are admitted to the school each year. While priority in selection of students is given to residents of the State, consideration also is given to nonresidents.

The School offers graduates specialty training in eight disciplines. These are excellent opportunities for graduate students to gain outstanding experience in various fields of research.

A four-year curriculum for the training of dental hygienists has been in operation since 1953. Those who have graduated from high school and are interested in a career in dental hygiene are urged to seek further information regarding prerequisite courses. The four-year curriculum leads to a bachelor's degree.

A ten-month dental assistant course is also offered by the School and is open to high school graduates.

The School has initiated a unique program for the training of teachers for dental auxiliary programs. This Dental Auxiliary Teacher Education (DATE) program is offered through a baccalaureate course of study which prepares dental hygienists, dental assistants, and dental laboratory technicians for teaching careers, especially in community colleges.

#### Preparation for the Study of Dentistry

Students preparing for the study of dentistry should spend as much time securing a well-rounded cultural education as their age and financial resources permit. If possible, they should complete the regular four-year course leading to the A.B. or B.S. degree.

#### Requirements for Admission

At least three years of accredited college work (96 semester hours or 144 quarter hours) are required for admission. This period of study should include a minimum of 8 semester hours of general or inorganic chemistry; 8 semester hours of organic chemistry, which should include the application of quantitative separation and analytical spectroscopic techniques. (An additional semester of analytical chemistry is required if analytical spectroscopic techniques are not included in organic chemistry and quantitative techniques are not associated with the general chemistry courses.); 8 semester hours of biology or zoology; 8 semester hours of physics and English—such knowledge as is ordinarily required of candidates of a degree in an approved college (usually the courses required of freshmen and sophomores). Recommended elective courses include cell biology, physiology, anatomy, and biochemistry.

Because of the widening social sensitivity of the dental profession, students preparing for a career in Dentistry should take, in addition to the requirements in the sciences, as many courses as possible in social science, history, literature, economics, philosophy, and psychology. Courses in accounting and business would also be advisable.

There is not sufficient space in the dental schools to admit all students who meet the quantitative standards. For this reason, the quality of the students' undergraduate work is of the greatest importance in selection for admission, as is their motivation to pursue a career in Dentistry.

Description of Required  
Science Courses

The following course descriptions were drawn from the U.N.C. Undergraduate Bulletin. This should aid students attending a school other than The University of North Carolina in completing the required science courses.

Chemistry

- 11 General Descriptive Chemistry (3). Corequisite, Chemistry 11L. Three lecture hours a week.
- 11L Quantitative Chemistry Laboratory (1). Corequisite, Chemistry 11. One 3-hour laboratory a week.
- 21 General Descriptive Chemistry (3). Prerequisite, Chemistry 11; corequisite, Chemistry 21L. Three lecture hours a week.
- 21L Quantitative Chemistry Laboratory (1). Prerequisite, Chemistry 11; corequisite, Chemistry 21. Techniques for quantitative acid base redox, and complexometric titrimetry. Gravimetric analysis. Total salt ion exchange analysis. One 3-hour laboratory a week.
- 41 Modern Analytical Methods for Separation and Characterization (2). Prerequisite, Chemistry 21; corequisite, Chemistry 41L; prerequisite or corequisite, Chemistry 61 (2-hour course). The basic principles of chemical separations, including chromatography and electrophoresis, and an introduction to analytical spectroscopy (visible, ultraviolet, and infrared) from a quantitative and structural viewpoint. Two lecture hours a week. (Pre dental students should take this course and 41L to satisfy the analytical requirements.)
- 41L Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds (2). Corequisite, Chemistry 41; prerequisite or corequisite, Chemistry 61. Applications of separation and spectroscopic techniques to organic compounds, including some of biological interest. Principles of chromatography and absorption spectroscopy; correlation of spectra with structure. (This laboratory serves as an organic chemistry laboratory for premedical and pre dental students.) One 4-hour laboratory a week.
- 42 Modern Analytical Methods for Separation and Characterization (2). Prerequisite, Chemistry 41, 41L; corequisite, Chemistry 42L; prerequisite or corequisite, Chemistry 62 (2-hour course). Intermediate analytical spectroscopy (magnetic resonance and mass spectroscopy); principles of Nernstian electrochemistry; acid-base solvent concepts; analysis of kinetics and equilibria; radiochemical techniques. Two lecture hours a week.
- 42L Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds (2). Prerequisite or corequisite, Chemistry 62; corequisite, Chemistry 42. Applications and illustrations of modern analytical spectroscopic techniques; quantitative investigation of chemical properties through electrochemical; and newer titrimetric techniques (some preparative experience is included with these studies). (This course serves as an organic chemistry laboratory for premedical and pre dental students.) One 4-hour laboratory a week.

- 61 Introduction to Organic Chemistry (2). Prerequisite, Chemistry 21. Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships; classification of "reaction types" exhibited by organic molecules using as examples molecules of biological importance. Two lecture hours a week.
- 62 Introduction to Organic Chemistry (2). Prerequisite, Chemistry 61. Continuation of Chemistry 61, with particular emphasis on the chemical properties of organic molecules of biological importance. Two lecture hours a week.

- Zoology**
- 11 Principles of General Zoology (4). No prerequisite; prerequisite to all other courses in zoology.
- 11L Principles, problems, and experimental methods of animal biology; basic similarities of all living organisms; organ systems and their physiology; embryology, genetics, organic evolution, ecology; survey of the major animal phyla. Three lecture and three laboratory hours a week.
- 45 Fundamentals of Human Anatomy and Physiology (3). Prerequisite, Zoology 11, or two courses in biological science. Basic structure and function in the human body and their explanation by principles of embryology, histology, heredity, and evolution. Three lecture hours a week.
- 103L Vertebrate Structure and Evolution Laboratory (1). Prerequisite or corequisite, Zoology 45 or 103. Vertebrate comparative anatomy and organ systems and their evolution with emphasis on human anatomy. Three laboratory hours a week.

Recommended, although not required: Zoology 62 and 62L.

- Physics**
- 24 General Physics (4 each). Corequisite (for Physics 24), Mathematics 30, or equivalent. Three lecture and two laboratory hours a week.
- 25

**Dental Admission Test** All students must complete the Dental Admission Test, given by the Council on Dental Education of the American Dental Association, before receiving final consideration for admission to the School of Dentistry. This test is given in Chapel Hill as well as other locations in North Carolina and should be taken in April or October of the year prior to desired admission. Additional information regarding the test may be secured from the Office of Admissions, School of Dentistry.

**Personal Qualifications** While a high grade of scholarship and digital dexterity are important criteria for predicting satisfactory achievement in dental school, the personal qualifications of applicants are of the highest importance. Good moral character is a most important prerequisite for entering the dental profession. No school wishes to train prospective dentists who lack either ethical standards or a sense of social responsibility. An applicant's motivation toward a dental career is also an important consideration in the selection of our students.

**Selection Factors** The UNC School of Dentistry is committed to providing for a diverse student body. Individuals from different backgrounds, who have had

different experiences, or who have the potential to contribute to some aspect of dentistry or dental practice may be strongly considered by the committee. Other subjective considerations include the applicant's motivation to pursue a dental career, the applicant's ability to communicate, and the applicant's prior involvement in extracurricular and community activities.

Each applicant who is considered to be competitive is invited to the school for a series of personal interviews with members of the Admissions Committee. An evaluation from the interview is combined with the applicant's undergraduate record and performance on the Dental Admission Test to serve as a basis for the applicant's consideration for acceptance. All applicants are encouraged to submit any material relating to activities or experiences they feel may be beneficial to their consideration.

**Method of Making Application**

All inquiries regarding admission should be addressed to the Director of Admissions, School of Dentistry, The University of North Carolina at Chapel Hill, Chapel Hill, NC 27514, from whom application forms may be obtained. Our school participates in the American Association of Dental Schools Application Service. Applicants are not required to send our school an application fee, letters of recommendation, or original transcripts **unless requested to do so by our Admissions Office**. Applications should be filed during the summer, one year prior to desired admission, in order to be eligible for an interview in the fall. **Applications received after October 1 will not receive consideration for admission to the next year's class.**

A personal interview with members of the Committee on Admissions is required unless a waiver is granted. This interview is by invitation only and it is scheduled after the application has been reviewed. However, the Director of Admissions is pleased to meet with an applicant, by appointment, to discuss his/her application. The Director is also pleased to meet with prospective applicants in order to provide guidance in preprofessional education.

**Special Notice**

An applicant notified of his acceptance must deposit with the Cashier of the University within thirty days, or a number of days designated by the Committee on Admissions, the sum of \$25.00; otherwise, the acceptance will be withdrawn. If the applicant presents himself for registration, the deposit will be credited to his account; otherwise, the deposit will be forfeited.

**Admission to Advanced Standing**

Candidates for admission to advanced standing will be considered on an individual basis, consistent with the applicant's prior academic record and background.

**Bachelor of Science in Dentistry**

If, because of age or lack of financial resources, a student finds it impractical to take four years of undergraduate work leading to a bachelor's degree before beginning his professional studies, it may be possible to complete a program leading to a B.S. in Dentistry. The University of North Carolina at Chapel Hill offers this degree to students who complete at least the last year of pre dental courses on this campus. Individuals attending other institutions should consult the pre dental adviser concerning this three year program.

**It should be noted that students applying for admission after four years of undergraduate work will receive preference over those students applying for admission after only three years undergraduate work.** Three-year applicants must have excellent credentials in order to be competitive for admission.

Note: Students pursuing the academic subjects listed below should understand that completion of these courses does not necessarily assure admission to the School of Dentistry. From the rather long list of applicants are chosen those who are deemed the most promising for admission to this School. No arrangements exist for granting the degree of B.S. in Dentistry for work in any dental school other than this. Therefore, in order to secure the degree of B.S. in Dentistry, the student must complete the first year of work offered in the School of Dentistry and in no other such school. **To be eligible for the degree of B.S. in Dentistry, from The University of North Carolina at Chapel Hill, at least the last year of pre dental courses must have been taken on this campus.**

**TYPICAL ACADEMIC  
CURRICULUM FOR B.S.  
IN DENTISTRY**

**General College**

Chemistry 11-11L-21-21L-41-41L-61-62-42-42L  
English 1-2  
Mathematics, 2 courses  
Divisional Electives, 3 Social Science

**Third Year**

Fine Arts Divisional Electives, 3 Humanities  
College Electives, 3  
Physical Education 1-2

Physics 24-25  
Psychology 10  
Zoology 11, 45 and 103L  
Electives, 4 courses in Nondivisional Electives



**TUITION AND OTHER FEES<sup>1,2</sup>**

**Regular Session**

Students who are residents of North Carolina will be required to pay tuition and fees of \$562.25 per semester (\$1,124.50 per academic year). Nonresidents will be required to pay tuition and fees of \$1,453.25 per semester (\$2,906.50 per academic year). See statement regarding residence status for tuition payment in following section. Other fees are listed below:

**Estimated Expenses for First Year**

Tuition and Fees .....	\$1,404.50 <sup>1</sup>
Estimated Clinical Expenses	
Required Textbooks .....	586.50
Laboratory supplies and instruments .....	4,858.00
Professional liability coverage .....	15.00
<b>Total Estimated First-Year Expenses</b>	
(not including microscope) .....	approx. \$6,864.00

NOTE: Each student must provide himself with his own microscope, preferably a new one of standard manufacture, which must be complete with 16mm, 4mm, and oil immersion objectives and with 5x and 10x eyepiece. Current retail prices now range from \$465 up. If a student desires to use the older type microscope, it must be approved by the department concerned. Approved microscopes can be rented from the Medical Sciences Teaching Labs for \$50/per 9 months.

**Estimated Expenses for Second Year**

Tuition and Fees .....	1,404.50 <sup>1</sup>
Estimated Clinical Expenses	
Required Textbooks .....	336.00
Laboratory supplies and instruments .....	1,424.00
National Board Fee .....	30.00
Professional liability coverage .....	15.00
<b>Total Estimated Second-Year Expenses</b>	
	approx. \$3,209.50

**Estimated Expenses for Third Year**

Tuition and Fees .....	\$1,299.50 <sup>1</sup>
Estimated Clinical Expenses	
Required Textbooks .....	135.00
Laboratory supplies and instruments .....	82.00
Professional liability coverage .....	15.00
National Board Fee .....	40.00
<b>Total Estimated Third-Year Expenses</b>	
	approx. \$1,571.50

1. Tuition and fees are based on 1980-81 figures for N.C. residents and are subject to change. Fees include matriculation, professional library fee, student activities, student union fee, Spurgeon Dental Society, and instructional supplies.

2. The first and second year curriculum will extend through an eight week summer semester. Tuition and fees for this summer session are \$280.00 for N.C. residents and \$756.00 for nonresidents.

3. Total reflects tuition and fees for the five week summer semester; \$75.00 for N.C. residents and \$473.00 for nonresidents.

4. Additional costs of approximately \$300.00 may be anticipated to include parking, dues for professional organizations and fraternities, medical insurance, laundry, transportation, etc., depending upon the individual case.

Estimated Expenses for Fourth Year	Tuition and Fees . . . . . \$1,124.50 <sup>4</sup>
	Estimated Clinical Expenses
	Textbooks and laboratory manuals (varies with students)
	Cap and gown fee . . . . . 22.00
	State Board Fee . . . . . 75.00
	Professional liability coverage . . . . . 15.00
	Total Estimated Fourth-Year Expenses . . . . .
	approx. \$1,236.50

**Payment and Refunds** As required under State law, any student who has an unpaid account for the current semester or previous terms cannot be allowed to pre-register or register for any term or semester until the account has been paid in full.

Tuition and fees are due at registration. Accounts not paid in full by the last day of registration are subject to a late payment fee and the student's possible disenrollment. To avoid the inconvenience of standing in line to make your payment, it is recommended that your payment be made by check and mailed to the University Cashier, 103 Bynum Hall 008A, Chapel Hill, North Carolina 27514. Show your full name and social security number on all payments. Make checks payable to The University of North Carolina.

A student withdrawing within the first week of any semester is charged only an administrative charge. If he withdraws after the first week, his bill will be prorated on the basis of one-tenth for each week (or part of a week) he attends. No refund will be made after the ninth week of any regular semester or the third week of a summer semester.

**Residence Status for Tuition Payment<sup>5</sup>**

**General.** Every applicant for admission is required to make a statement as to his or her length of residence in North Carolina. The tuition charge for legal residents of North Carolina is less than for non-residents. To qualify for in-state tuition a legal resident must have maintained his or her domicile in North Carolina for at least twelve months immediately prior to his or her classification as a resident for tuition purposes. In order to be eligible for such classification, the student must establish that his or her presence in the State during such twelve-month period was for purposes of maintaining a bona fide domicile rather than for purposes of mere temporary residence incident to enrollment in an institution of higher education.

**Domicile.** Domicile means one's permanent dwelling place of indefinite duration, as distinguished from a temporary place of abode; synonymous with "legal residence."

**Burden of Proof and Statutory Prima Facie Evidence.** The burden of establishing facts which justify classification of a student as a resident entitled to in-state tuition rates is on the applicant for such classification. For a student to be classified as a resident for tuition purposes, the balancing of all the evidence must produce a preponderance of the evidence supporting the assertion of in-state residence. Proof of residential status is controlled, initially, by two statutorily prescribed and complementary evidentiary beginning points, which are stated in terms of prima facie evidence.

4. Additional costs of approximately \$300.00 may be anticipated to include parking, dues for professional organizations and fraternities, medical insurance, laundry, transportation, etc., depending upon the individual case.

5. The information in this section comes from three sources: (i) North Carolina General Statutes, Sec. 116-143.1; (ii) *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes, August 1979*; (iii) Chancellor's Rules and Procedures for Residence Classification of Students for Tuition Purposes.

a. If the parents or court-appointed legal guardian of the student (without reference to the question of whether the student is a minor or an adult) are not domiciliaries (legal residents) of North Carolina, under the Statute this fact constitutes prima facie evidence that the student is not a domiciliary (legal resident) of North Carolina, unless the student has lived in this State the five consecutive years prior to enrolling or re-registering. The student must assume the burden of overcoming the prima facie showing by producing evidence that he or she, independently, is in fact a domiciliary (legal resident) of North Carolina, in spite of the nonresident status of his or her parent.

b. Conversely, if the parents of the student are domiciliaries of North Carolina under the Statute, this fact constitutes prima facie evidence that the student is a domiciliary of North Carolina. This prima facie evidence may also be overcome by other evidence of legal residence. If the student has neither parents nor legal guardian, the prescribed prima facie evidence rule cannot and does not apply.

### Statutory Exceptions

a. **Grace Period.** By virtue of the provisions of G.S. 116-143.1, if a student has been properly classified as a resident for tuition purposes, a change in that student's state of residence thereafter does not effect in all cases an immediate automatic loss of entitlement to the in-state tuition rate. To qualify for the grace period, the following conditions must be satisfied:

1. The student must have been properly classified as a resident for tuition purposes, on the basis of a valid finding that the student in fact was a legal resident of North Carolina and had been such for the requisite twelve-month period prior to classification.

2. At the time of subsequent change of legal residence to a state other than North Carolina, the student must have been enrolled in a public institution of higher education in North Carolina.

The extent of this grace period, during which the in-state rate is applicable in spite of the fact that the student is not a legal resident of North Carolina, is twelve months from the date of change in legal residence, plus any portion of a semester or academic term remaining, as of the expiration date of the twelve-month period, in which the student is enrolled.

b. **Qualifying Periods for Spouses.** By virtue of the provisions of G.S. 116-143.1, the prescribed twelve-month period of legal residence required for entitlement to classification as a resident for tuition purposes may be shortened on the basis of the marital status of the student, in specified circumstances. If a student otherwise can demonstrate compliance with the fundamental statutory requirement that he or she be a legal resident of North Carolina, the second statutory requirement relating to duration of residence may be satisfied derivatively, in less than twelve months, by reference to the length of the legal residence of the spouse of the student, if the spouse has been a legal resident of the state for the requisite twelve-month period.

**Married Persons.** The domicile of a married person, irrespective of sex, is determined by reference to all relevant evidence of domiciliary intent. No person is precluded, solely by reason of marriage to a person domiciled outside of North Carolina, from establishing or maintaining legal residence in North Carolina. No person is deemed, solely by reason of marriage to a person domiciled in North Carolina, to have established or maintained a legal residence in North Carolina. The fact

of marriage and the place of the domicile of his or her spouse are deemed relevant evidence to be considered in ascertaining domiciliary intent.

**Minors.** A minor is any person who has not reached the age of eighteen years. The domicile of a minor is that of the father. With a few exceptions noted below, this presumption is virtually irrebuttable. If the father is deceased, the domicile of the minor is that of the surviving mother. If the parents are divorced or legally separated, the domicile of the minor is that of the parent having custody by virtue of a court order; or, if no custody has been granted by virtue of court order, the domicile of the minor is that of the parent with whom he or she lives; or, if the minor lives with neither parent, in the absence of a custody award, the domicile of the minor is presumed to remain that of the father.

In determining residence status for tuition purposes, there are two exceptions to the above provisions:

1. If a minor's parents are divorced, separated or otherwise living apart and one parent is a legal resident of North Carolina, during the time period when that parent is entitled to claim, and does claim, the minor as a dependent on the North Carolina individual income tax return, the minor is deemed to be a legal resident of North Carolina for tuition purposes, notwithstanding any judicially-determined custody award with respect to the minor.

2. If, immediately prior to beginning an enrolled term, the minor has lived in North Carolina for five or more consecutive years in the home of an adult relative (other than a parent) who is a legal resident of North Carolina, and if the adult relative, during those years, has functioned as a de facto guardian of the minor, then the minor is considered a legal resident of North Carolina for tuition purposes. If a minor qualified for resident status for tuition purposes under this provision immediately prior to his or her eighteenth birthday, then, when he or she reaches the age of eighteen, he or she will be deemed to be a legal resident of North Carolina for at least twelve months' duration.

Even though a person is a minor, under certain circumstances the person may be treated by the law as being sufficiently independent from his or her parents as to enjoy a species of adulthood for legal purposes. The consequence, for present purposes, of such circumstances is that the affected person is presumed to be capable of establishing a domicile independent of that of the parents; it remains for that person to demonstrate that a separate domicile in fact has been established. The circumstances recognized as having the potentially emancipating effect are:

1. Marriage of the minor person.

2. Parental disclaimer of entitlement to the minor's earnings and the minor's proclamation and actual experience of financial independence from his or her parents, with the actual establishment and maintenance of a separate and independent place of residence.

**Aliens.** An alien holding a visa which will permit eventual permanent residence in the United States is subject to the same considerations with respect to determination of legal residence as a citizen. An alien abiding in the United States under a visa conditioned at least in part upon intent not to abandon a foreign domicile (B, F, H and J visas) cannot be classified as a resident. An alien holding a visa issued for a purpose which is so restricted as to be fundamentally incompatible with an assertion by the alien of bona fide intent to establish a legal residence

(C and D visas) cannot be classified as a resident. A refugee or orphan from the Republic of Vietnam, Laos or Cambodia, paroled into the United States after March 31, 1975, who has abided in this state for twelve consecutive months may receive in-state tuition privileges.

**Military Personnel.** The domicile of a person employed by the Federal Government is not necessarily affected by assignment in or reassignment out of North Carolina. Such a person may establish domicile by the usual requirements of residential act plus intent. No person loses his or her in-state residence status solely by serving in the armed forces outside of the State of North Carolina.

**Property and Taxes.** Ownership of property in or payment of taxes to the State of North Carolina apart from legal residence will not qualify one for the in-state tuition rate.

**Change of Status.** A student admitted to initial enrollment in an institution (or permitted to re-enroll following an absence from the institutional program which involved a formal withdrawal from enrollment) is classified by the admitting institution either as a resident or as a nonresident for tuition purposes prior to actual matriculation. In the absence of a current and final determination by the admitting institution that the student is a resident for tuition purposes, relative to the term of initial enrollment or re-enrollment, the student is classified a nonresident for tuition purposes prior to actual matriculation. A residential classification once assigned (and confirmed pursuant to any appellate process invoked) may be changed thereafter (with a corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic calendar.

**Transfer Students.** When a student transfers from one North Carolina public institution of higher education to another, he or she is treated as a new student by the institution to which he or she is transferring and must be assigned an initial residential classification for tuition purposes.

The transfer into or admission to a different component of the same institution (e.g., from an undergraduate to a graduate or professional program) is not construed as a transfer from one institution to another and thus, does not by itself require a reclassification inquiry unless (1) the affected student requests a reclassification inquiry or (2) the transfer of enrollment occurs following the lapse of more than one quarter, semester, or term during which the individual was not enrolled as a student.

**Responsibility of Students.** Any student or prospective student in doubt concerning his or her residence status must bear the responsibility for securing a ruling by stating his or her case in writing to the admissions officer. The student who, due to subsequent events, becomes eligible, for a change in classification, whether from out-of-state to in-state or the reverse, has the responsibility of immediately informing the Office of Admissions of these circumstances in writing. Failure to give complete and correct information regarding residence constitutes grounds for disciplinary action.

It is the responsibility of the student to pay tuition at the rate charged and billed while an appeal is pending. In effect, the student who is classified as a nonresident at the time of tuition billing pays the nonresident rate. Conversely, if a student is classified as a resident at the time of billing, he or she pays the resident rate. Any necessary adjustments in the rate paid will be made at the conclusion of the appeal.

If a student, who has been found to be a nonresident for tuition purposes, receives an erroneous notice from an institutional officer identifying the student as a resident for tuition purposes, the student is not responsible for paying the out-of-state tuition differential for any enrolled term beginning before the classifying institution notifies the student that the prior notice was erroneous.

If a student is classified a resident for tuition purposes after submitting falsified residency information or after knowingly withholding residency information, the student's application for in-state tuition status is fraudulent. The institution may re-examine any application suspected of being fraudulent, and, if warranted, will change the student's residence status retroactively to the beginning of the term with respect to which the student originally made the fraudulent application. If this occurs, the student must pay the out-of-state tuition differential for all the enrolled terms intervening between the fraudulent application and its discovery. Further, knowing falsification of responses on a resident status application may subject the applicant to disciplinary consequences, including dismissal from the institution.

**Appeals of Rulings of Admissions Officers.** A student appeal of a classification decision made by any admissions officer must be filed by the student with that officer in writing within fifteen working days after the student receives notice of the classification decision and is transmitted to the Residence Status Committee by that officer, who does not vote in that committee on the disposition of such appeal. The student is notified of the date set for consideration of the appeal and, on request of the student, he or she is afforded an opportunity to appear and be heard by the Committee. Any student desiring to appeal a decision of the Residence Status Committee must give notice in writing of that fact within ten days of receipt of the decision of the Residence Status Committee, and the basis for such appeal, to the Chairman of the Residence Status Committee, and the Chairman promptly transmits the appeal to the State Residence Committee.

A complete explanation of the Statute and the procedures under the Statute is contained in *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes*. This *Manual* and other information concerning the application of this law is available for inspection in the Admissions Offices of the University.

All students are responsible for knowledge of the contents of the Statute and the *Manual*.

Students or prospective students who believe that they are entitled to be classified residents for tuition purposes should be aware that the processing of requests and appeals can take a considerable amount of time and that applications for classification should not be delayed until registration, when the number of applicants make impossible accelerated handling.

**NOTICE ON "DIRECTORY INFORMATION" TO ALL STUDENTS OF THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**

The University of North Carolina at Chapel Hill has routinely made public certain information about its students. Some typical ways this has been done include the following: names of students who are selected by the various honorary societies, who receive scholarships, who make the Dean's List, who hold offices, or who are members of athletic teams are frequently made public. To facilitate campus communication the University annually publishes the **Campus Directory**. Some professional and graduate school student groups publish direc-

tories of students in their departments or schools. The annual commencement program publishes the names of persons who have received degrees during the year.

The Family Educational Rights and Privacy Act defines the term "directory information" to include the following categories of information: the student's name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student. The University will make public information about each student **limited** to these categories in ways such as those described above. Of course, information from all these categories is not made public in every listing. The **Campus Directory**, for example, publishes only names, addresses and telephone numbers.

Students who do not wish to have any or all of such "directory information" made public without their prior consent must notify the Office of Records and Registration, The University of North Carolina at Chapel Hill of this fact in a signed and dated statement specifying items that are not to be published. This notice must be received by the Office of Records and Registration by the end of the registration period for the semester or session of first enrollment or, after an absence, of re-enrollment, and by the end of each fall registration period thereafter.

## HOUSING

The primary objective of the Department of University Housing at Chapel Hill is to provide a physical and psychological atmosphere conducive to each and every student having opportunity to develop to the utmost his or her personality, ability, and sensitivity. The University provides residence hall accommodations for approximately 6600 registered students—undergraduate, graduate, and professional men and women. Three hundred and six apartments are available for student family housing.

Information regarding residence hall accommodations is available by writing to: Department of University Housing, Contracts Office, Carr Building, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

Information regarding student family housing is available by writing to: Manager, UNC Student Family Housing, Odum Village, Branson Street, Chapel Hill, North Carolina 27514.

### Student Dining Facilities

Dining facilities are operated in locations convenient to residence halls and meals are offered at reasonable rates.

### Privately Owned Residence Hall Accommodations

Some graduate students are housed in privately owned Granville Towers, located just off the UNC campus about one block from the Carolina Inn. The three towers of these supervised residence halls have a cafeteria dining commons. The fee charged includes room and board. All correspondence should be directed to the Granville Towers Business Office, University Square, Chapel Hill, North Carolina 27514.

## REGISTRATION AND PAYMENT OF BILLS

All students are expected to report for registration at the designated time and pay tuition prior to the opening day of each semester.

### DELAYED REGISTRATION

Any student registering later than the time appointed for his registration must pay \$5.00 as an additional fee for delayed registration. No appeal from the late registration charge of \$5.00 will be granted, unless the

delay results from circumstances clearly beyond the student's control. Such appeals must be made in writing to the Chancellor, must show justification for the delay in registering, and must bear the approval of the Dean of the School of Dentistry.

**SPURGEON DENTAL SOCIETY**

The Spurgeon Dental Society exists as the governing body for all students of the UNC-CH School of Dentistry. Named after the late Dr. J.S. Spurgeon, a prominent and outstanding dentist from Hillsborough, North Carolina, the Society holds weekly meetings in which elected representatives from each class of dental, dental hygiene, dental assisting, and dental auxiliary teacher education students discuss and plan the functions of student government. Several projects are carried out each year including social, academic, and scholastic events.

**FINANCIAL ASSISTANCE**

Dental students who have real need are eligible for financial assistance via application to the Student Aid Office of the University. Based on the approved need of the applicant, a loan or a combination loan and scholarship may be awarded from federal or university funds.

**University Student Aid**

Federal and University funds are awarded and administered in compliance with Title IX regulations pertaining to sex and without discrimination based on race.

Dental students may also file applications for a loan or scholarship from the following sources:

**National Health Scholarship Program**

The NHS Scholarship Program is a competitive, support-for-service Federal program for U.S. citizens enrolled or accepted for enrollment full time in a U.S. school of medicine, osteopathy, or dentistry.

Scholarship benefits are not subject to Federal taxation. These benefits will include:

- a \$530 monthly stipend for student living expenses;
- an additional amount for all other reasonable educational expenses;
- payment to the school of tuition and required fees.

Support will be continued up to a 4-year maximum or until graduation as long as eligibility is maintained and funds are available.

For each year of scholarship support recipients are obligated to serve one year in the full-time clinical practice of their profession assigned to designated health manpower shortage areas. The minimum service obligation required is 2 years. During the period of obligated service, recipients are employed by the National Health Service Corps, a component of the U.S. Public Health Service.

Application request deadline: March 1980  
Address: NHS Scholarships  
Center Bldg., Rm. 5-44  
3700 East-West Highway  
Hyattsville, Maryland 20782

**N.C. Department of Human Resources Educational Loan Program**

The purpose of the Educational Loan Program is to encourage medical and health-relating professionals to practice their specialties in communities of limited population and specified health programs in North Carolina in which there is an urgent need.

Participants are awarded \$6,000 per academic year and may be renewed each year of enrollment. The recipient agrees upon completion of the required training to practice in North Carolina a full calendar

year for each academic year or fraction thereof a loan is received.

Earliest application request: December 1  
Application deadline: March 1  
Address: N.C. Dept. of Human Resources  
437 N. Harrington St.  
P.O. Box 12200  
Raleigh, N.C. 27605

**Exceptional Need Scholarship** A program begun by the federal government in 1978 which provides financial support for first-year dental students who have exceptional financial need. The scholarship pays for all tuition and fees, instruments and supplies, and a \$5,200 stipend. The number of the scholarships available at the UNC School of Dentistry is expected to increase. Further information may be obtained by writing to Public Health Service Scholarship Program, Student Assistance Staff, Room 5-50, Federal Center Building 2, 3700 East-West Highway, Hyattsville, Maryland 20782.

**Insured Student Loan Program** Loans may be approved up to a maximum of \$5,000 per year, with interest at 9 percent. Applications may be obtained from an agency in the State in which you are a legal resident.

Application deadline: July 1  
Address for N.C. students: College Foundation, Inc.  
1307 Glenwood Avenue  
Raleigh, N.C. 27605

**Health Professions Student Loan Program** Maximum loan of \$2,500 plus tuition per year, with interest at 7 percent. University Student Aid application required.

Application deadline: March 1

**National Direct Student Loan** Available to students in the D.D.S. Program at 3 percent interest. University Student Aid application required.

Application deadline: March 1

**Minority Presence Scholarship** Limited funds may be available for minority student enrolled in the D.D.S. Program. University Student Aid application required.

Application deadline: March 1

**W.K. Kellogg Foundation** A loan fund for undergraduate dental students, with interest not to exceed 2½ percent while still enrolled in school. University Student Aid application required.

Application deadline: March 1

**Student Loan Guarantee Program** This loan fund is available to all dental students as a "last resort" source of funding. Loans up to \$5,000 per year are available with interest to reflect market conditions on a regional basis and may be changed from time to time to maintain an adequate rate of return to the lending community. Interest on the loan must be paid from the time the loan is made until the debt is repaid in full. This program is a cooperative effort

by professional schools. The Robert Wood Johnson Foundation, United Student Aid Funds, Inc., and participating lending institutions. Application may be obtained in the Admission Office.

Address: United Student Aid Funds, Inc.  
6610 N. Tacoma Ave.  
Indianapolis, Indiana 46250

**American Dental Trade Association**

A loan fund for junior or senior students upon recommendation of the Dean. \$1,000 per academic year is allocated to each dental school. The 5 percent interest does not begin until the student has graduated.

**American Fund for Dental Health Minority Scholarship Program**

Scholarships are available to American Indians, Blacks, Mexican-Americans, and Puerto Ricans who are beginning their first year in a dental program. The scholarship may be renewed for the second year of dental study. The scholarship maximum is \$2,500 per year and \$5,500 for any one student.

Application deadline: April 15  
Address: American Fund for Dental Health  
211 E. Chicago Ave.  
P.O. Box 7749-A  
Chicago, Ill. 60680

**American Association of University Women Fellowship**

Eligible are women in their final year of professional training who show promise of distinction in their field. Financial need is considered in determining the amount of the award. Awards average \$3,500 for the academic year and applications must be filed during the Junior year.

Application deadline: January 2\*  
Address: AAUW Fellowships Office  
2401 Virginia Ave., N.W.  
Washington, D.C. 20037

**Hattie M. Strong Foundation**

Maximum interest free loan of \$1,500 per year available for deserving students who are within two years of their final degree from college or graduate school. Loans are limited to \$3,000 to any one student and terms of repayment are based on monthly income after graduation.

Application deadline: May 1  
Address: Hattie M. Strong Foundation  
Suite 409 Cafritz Bldg.  
1625 Eye St., N.W.  
Washington, D.C. 20006

**Association of American Women Dentists**

Maximum loan of \$1,500 with 3 percent interest available to junior or senior women dental students.

Address: Association of American Women Dentists  
17th Floor  
435 North Michigan Avenue  
Chicago, Ill. 60611

\*Applications must be requested by November 15.

- G. Randolph and Ann Babcock Fellowship** Fellowship may be awarded to an individual interested in academic dentistry and research. The recipient will have completed clinical training in a dental specialty or an advanced education program. Selection is made by a committee designated by the Dental Foundation of North Carolina, Inc.
- International College of Dentists (USA Section) Student Loan Fund** A loan fund for senior dental students, to be repaid within 3 years after graduation. A short-term emergency type loan may also be awarded from this fund, but only to senior students. Maximum loan of \$300 with customary interest.
- UNC Board of Governors Dental Scholarship Program** A new program which provides support for all tuition fees, instruments and supplies, and a \$4,000 stipend for each scholarship recipient. Five (5) scholars are selected from each entering class. The scholarship is renewable after each year thereby providing support for the entire 4-year program. Only North Carolina residents are eligible to be recipients of this award and those who have the greatest potential to provide needed dental care in North Carolina are the most competitive.
- Emanuel Sternberger Education Fund** A loan fund to aid N.C. residents of any age worthy of help without regard to their sex, race, creed or religious beliefs. Interest free loans are available up to \$500 per year and may be renewed each year, provided satisfactory grades are maintained.

Address: 623 Jefferson Bldg.  
Greensboro, N.C. 27401

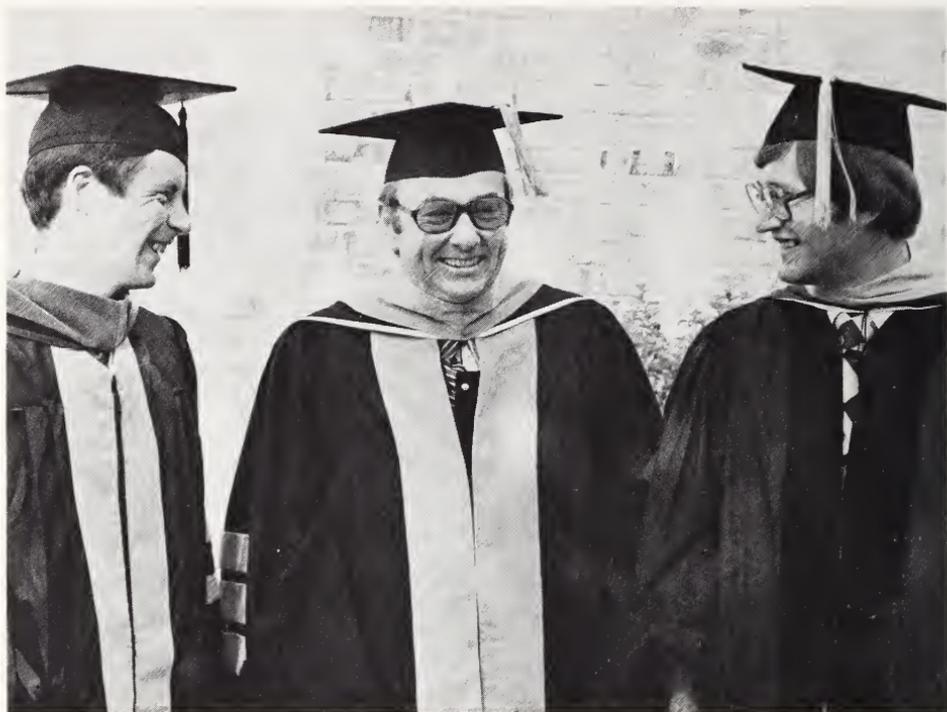
Specific information is forwarded to each student accepted for admission to the School of Dentistry. General information is available through the Student Aid Office, 300 Vance Hall, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, 27514.

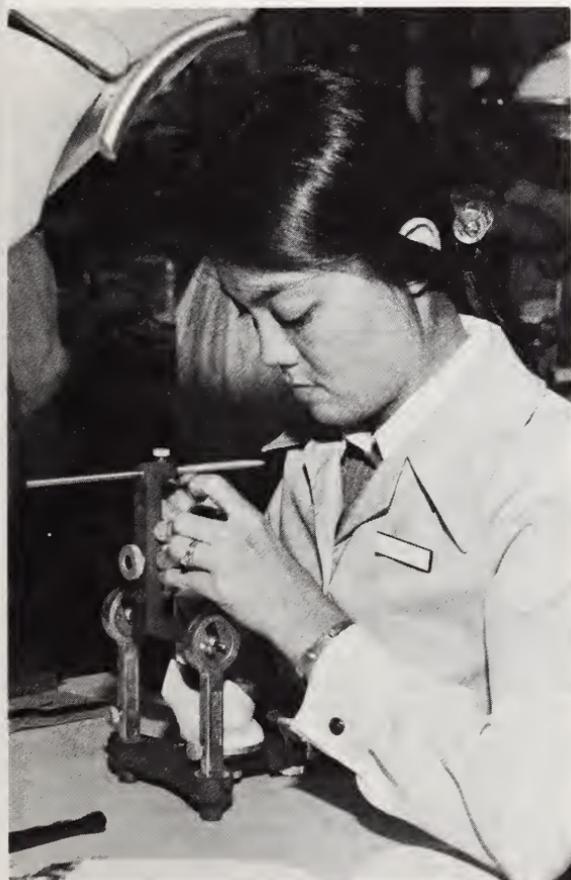
The following funds are some of the resources which help support the Student Aid Program for the School of Dentistry:

Harriet L. Higley Memorial Fund  
William Getz Dental Student Fund  
Thompson Dental Company Student Fund  
First, Third, and Fifth District Society Funds  
U.N.C. Dental Alumni Scholarship Fund  
North Carolina Dental Society Dental Fund  
The American Fund for Dental Education Dental Student Fund  
Charlotte Dental Auxiliary Student Fund  
W.K. Kellogg Foundation Dental Fund  
Adelaide Fortune Holderness Student Loan Fund  
The Sallie A. Hunt Dental Memorial Fund  
Woodward-Fleming Fund  
Z. Vance and Vaiden B. Kendrick Student Fund  
John F. Hartness, Sr. Student Fund  
Walter E. Furr Scholarship Fund  
The Blanche C. Downie Memorial Fund  
The Dental Foundation of North Carolina, Inc. Fund  
North Carolina Dental Auxiliary Student Fund  
John C. Brauer Dental Student Fund  
Robert Wood Johnson Foundation Fund  
Colgate-Palmolive Company Grant  
Cosby-Crest Fund

**Other Resources**

Many other sources of assistance are available from federal, state, church, and private agencies or foundations. These are not specifically for dental students and are administered directly between the individual and the agency or foundation involved. Too numerous to list here, information regarding such resources may be requested from the Student Aid Office.





## ACADEMIC PROCEDURES

In publishing these regulations, the School of Dentistry does not recognize any implied contract as having validity beyond the succeeding academic year. The faculty reserves the right to make changes in curricula and in regulations when in its judgment such changes are for the best interest of the students and the School. Ordinarily a student may expect to receive a degree by meeting the requirements of the curriculum as specified in the catalog currently in force when they first enter the School, or in any one subsequent catalog published while they are a student; but the School of Dentistry is not obligated to fulfill this expectation or to offer in any particular year a course listed in the catalog.

### Class Attendance

The following legislation by the Faculty Council gives each instructor the authority to prescribe the attendance regulations for his class or classes:

"Regular class attendance is a student obligation, and a student is responsible for all the work, including tests and written work, of all class meetings. No right or privilege exists which permits a student to be absent from any given number of class sessions.

If a student misses more classes than the instructor deems advisable, the instructor will report the facts to the Office of Academic Affairs for appropriate action.

The appearance of a student's name on the Infirmary list constitutes an excuse for the student for absences from classes or clinics during the period the student is in the infirmary. This list is circulated to the School of Dentistry and in case of doubt the instructor may check with the Office of Academic Affairs.

Students who are members of regularly organized and authorized school activities and who may be out of town taking part in some scheduled event are to be excused during the approved period of absence.

Absences from class for valid reasons are excused only by the instructor. If the student misses without excuse more classes than the instructor deems advisable, the instructor may request that the student's Dean drop him from the course with grade F."

### Final Examinations

Final written examinations are required in all areas (exceptions, based upon the special types of work done in the course, must have advance approval of the Office of Academic Affairs). A general schedule, published several weeks before the end of the semester, sets the time for each examination; and no final examination may be held at any time other than that specified in the general schedule which cannot be changed after it has been published. No special preparation quizzes may be given during the last six days of classes before the beginning of scheduled examinations.

A student who is absent from an examination is given a course grade of **Abs**, which is equivalent to **F**. When a student is unable, for reasons clearly beyond his control, to take a final examination at the scheduled time he can be excused only by the Student Health Service or the Office of Academic Affairs.

The final examination in any course may be taken only by regularly enrolled members of the class whose registration has been certified and by students certified to be eligible to take a special examination in that course. The certifying authority in this case is the Office of Academic Affairs in consultation with the Office of Records and Registration.

Each student is required to sign a full and explicit pledge certifying that he has neither given nor received aid during the examination. The instructor will not report a grade for an unpledged paper.

Special examinations for officially excused absentees from regular examinations must be taken within the next academic period after the date of absence. Suitable times will be fixed by the instructors concerned.

#### Credit by Examination

Students who have gained through independent study or experience knowledge of the content of courses offered by the School of Dentistry for credit may, with the approval of the department and the School of Dentistry, receive credit (without grade) for such courses by special examination. Such an examination must be taken before the beginning of course work scheduled for the student's class.

#### GRADES

For dental students the following definitions will be used for the assignment of grades:

- A-** Master of course content at the highest level of attainment that can reasonably be expected of students at a given stage of development. The **A** grade states clearly that the student has shown such outstanding promise in the aspect of the discipline under study that he/she may be strongly encouraged to continue.
- B-** Strong performance demonstrating a high level of attainment for a student at a given stage of development. The **B** grade states that the student has shown solid promise in the aspect of the discipline under study.
- C-** A totally acceptable performance demonstrating an adequate level of attainment for a student at a given stage of development. The **C** grade states that, while not yet showing unusual promise, the student may continue to study in the discipline with reasonable hope of intellectual development.
- D-** A marginal performance in the required exercises demonstrating a minimal passing level of attainment for a student at a given stage of development. The **D** grade states that the student has given no evidence of prospective growth in the discipline; an accumulation of **D** grades should be taken to mean that the student would be well advised not to continue in the academic field.
- F-** For whatever reasons, an unacceptable performance. The **F** grade indicates that the student's performance in the required exercises has revealed almost no understanding of the course content. A grade of **F** should warrant an advisor's questioning whether the student may suitably register for further study in the discipline before remedial work is undertaken.

Temporary grades of **Inc.** (work incomplete), and **Exc. Abs.** (excused absence) may be removed within one calendar year. The grades of **Inc.** and **Exc. Abs.** may be removed without restriction as to the grade assigned by the instructor within a period of one calendar year. An excused absence or an incomplete not removed within one calendar year automatically becomes an **F**. An **unexcused absence** may not be removed and is considered to be the grade of **F**.

## Academic Performance

Awarding of the dental degree is contingent upon a student satisfactorily passing all work in the core curriculum and a minimum of 10 semester hours of elective course work.

**Final** course grades of **F** in any two courses that total at least 3 hours (including electives) within any one academic year debar a student from further registration in the School of Dentistry. Should these grades of **F** be received in courses completed before or at the end of the academic year, immediate withdrawal from the School is required. A student who receives a grade of **D** or below in more than one half of the current semester hours will be placed on probation for the subsequent academic term. Thus, academic probation is figured on the basis of **semester** grades for that semester. Probationary status must be removed in the following term to permit continued enrollment in the School of Dentistry. All failures in nonelective courses must be made up within one year of the time they occur.

A student with a grade of **Inc.** in any lecture, laboratory, or clinical course will not be eligible for graduation at the end of his final semester in residence.

The faculty further reserves the right to drop or recommend reclassification of a student in the School at the end of any semester provided he\* does not, in their judgment, show sufficient promise to justify their allowing him to continue the study of dentistry, regardless of his grades.

A student may be judged unacceptable for promotion or for continuation when he has displayed repeated lack of professionalism with respect to his patients, other students, and the faculty. These factors are equally as important as traditional academic standards in that they reflect his capacity to deliver a high standard of health service.

Students enrolled in the School of Dentistry should be attentive to the commonly accepted obligations of the dental profession with respect to humane and considerate treatment of patients. The student assumes major responsibility for those patients assigned to him, and lack of dedication in the treatment of these patients is unacceptable. Statements by the students, either written or verbal, which are inconsistent with the usual standards of professional health care and which reflect a poor attitude toward patients will not be condoned.

Grievances concerning course content, organization and structure of the curriculum, and presentation of instruction will be directed to the appropriate class advisor, faculty member, or administrative officers for hearing and consideration. It is not acceptable for a student to attempt to express himself on such matters through facetious response to any part of these instructional programs.

In situations where a question of honesty is involved, consideration of the case may be undertaken by the School's Honor Council or the administration, depending on the circumstances. Breaches of honesty relating to the academic program are clearly within the purview of the Honor Council. The School's administration will assume responsibility only after it is established that the case does not come under the jurisdiction of the Honor Council.

Students are encouraged to seek counseling from advisors, faculty and administrative officers on any problem which might be interfering with acceptable academic progress. Failure to seek such counseling

\*The masculine pronoun as used in this section applies to either male or female students.

and to establish communication on the matter with the School's administration will disqualify the circumstances as valid reason for poor academic performance or expression of attitudes which do not meet the generally accepted ethical standards of a health care profession.

The academic status of each student is reviewed at the end of each term; all students other than those classified as seniors by Academic Performance Committee I, senior classification students by Academic Performance Committee II. These committees are charged with applying the foregoing academic regulations.

#### Counseling

A system of student counseling has been established to assist students with their academic and personal problems. Each class is assigned a faculty advisor who serves in that capacity throughout the four-year course of study. Every effort is made to detect and attempt to correct academic problems before they become serious. In addition, the entire faculty wishes to extend advice and assistance on a personal basis in order that students may successfully complete their requirements for graduation and gain the best possible experience in preparation for a career in dentistry.

#### Appeals

A student, after conference with the instructor concerned, may present in writing to the Dean of the School an appeal from a course grade or the decision of his Academic Performance Committee. No appeal may be made after the last day of classes of the next succeeding regular term. The Dean will refer the appeal to the Administrative Board of the School of Dentistry and the coordinator of the teaching area concerned. No change of grade or alteration of the Academic Performance Committee's decision will be made except as a result of the Administrative Board's decision which is final.

#### Re-Admission

A student who is denied further enrollment by action of his Academic Performance Committee may not be considered for re-admission. A first-year student who has withdrawn for other reasons may be considered for re-admission by the Admissions Committee in the School of Dentistry. Students in all other classifications may be considered for re-admission by the Departmental Chairmen's Committee in the School of Dentistry.

#### DDS CURRICULUM

The course in dentistry leading to the DDS degree (Doctor of Dental Surgery) will usually require four years to complete (eight 15-week semesters plus two 8-week summer sessions following the first and second years and a 5-week summer session following the third year). The curriculum is so structured that it is possible to complete in three and one half years; academic problems or illness may necessitate study beyond the usual four years.

The stated curricular goals of the D.D.S. curriculum are to produce:

1. dental practitioners who are fully qualified to enter general dental practice, educational programs in the various dental specialties, dental research, and/or teaching.
2. dental graduates willing to accept professional responsibilities in their communities, participate in professional activities, and actively pursue a lifetime of learning in order that they may deliver optimal treatment to their patients.

The DDS curriculum is organized into six instructional areas of tracts. These instructional areas are not departments but represent bodies of knowledge, skills, and attitudes grouped together to achieve an organi-

zational format reflecting the educational and practice requirements in dentistry. The six instructional areas are (1) **Biologic Sciences**, (2) **Oral Medicine**, (3) **Surgery**, (4) **Restorative Dentistry**, (5) **Dental Ecology**, and (6) **Developmental Dentistry**.

The **Biologic Sciences Tract** is divided into core basic sciences (gross anatomy, microscopic anatomy, physiology, biochemistry, microbiology, pharmacology), the Oral Biology program, and the Biological Sciences Laboratory Experiences. The core basic sciences are largely presented within the first and second years, while the Oral Biology program spans the entire four years of the program with a planned progression from the elementary to the more complicated and more specialized functions of the oral cavity. The primary objective of the Oral Biology program is to integrate basic science material into the clinical dental curriculum. Oral Biology includes such areas as mastication, speech, physiology of occlusion, dental and pulpal histology, and many other topics directly pertinent to the modern practice of dentistry. Laboratory teaching excludes the conventional type of laboratory experience; instead, during the second year students devote all laboratory time to a single discipline of their own selection.

Clinical experience begins in the first year of the curriculum on a limited basis. Time in the clinic increases throughout the second year and by the spring of the second year occupies a major portion of the student's time. An attempt is made to make this transition logical and to relate biologic sciences to clinical science as much as possible.

The **Oral Medicine Tract**, contains the nonsurgical and nonrestorative aspects of clinical dentistry. Specifically, these are diagnosis and treatment planning, radiology, preventive dentistry, general and oral pathology.

The **Surgery Tract** includes the knowledge and skills in general principles of surgery, oral surgery, periodontics, endodontics, and pain control. Once the foundation is firmly established through an integrated core, the departments branch into their individual specialty considerations.

The **Restorative Dentistry Tract** is concerned with the technical skills and judgments required in the restoration and replacement of teeth. A preclinical basic technique course is closely correlated with dental materials science. All restorative technique courses are conducted by an interdepartmental staff to facilitate coordination of the program and understanding among the faculty. Removable prosthodontics is taught as a combination clinic/laboratory course with emphasis on those clinical procedures actually performed by the dentist and student evaluation of those procedures performed by dental laboratory technicians.

The **Dental Ecology Tract** deals with the relationships of the dentist to society. One aspect deals with the professional, social, behavioral, political, and personal relationship to the health services delivery system. This includes dental auxiliary utilization, community dentistry, hospital dentistry, the behavioral sciences, practice administration, and dental care of special groups of patients. Student involvement in the latter programs permit broadening of his/her experience through practice of dentistry at extramural sites, including general hospital settings, nursing homes, VA hospitals, community hospitals, the prison system, mental institutions, correctional youth facilities, county health departments, and, during a special summer extern program, private practice settings. All students spend at least six weeks of time in these extramural settings. In addition, when students complete their clinical require-

ments, a total elective program may be designed such that for the last several months before graduation a student may be involved in a program entirely of his/her own design. This may involve activities at the dental school or at a far distant location.

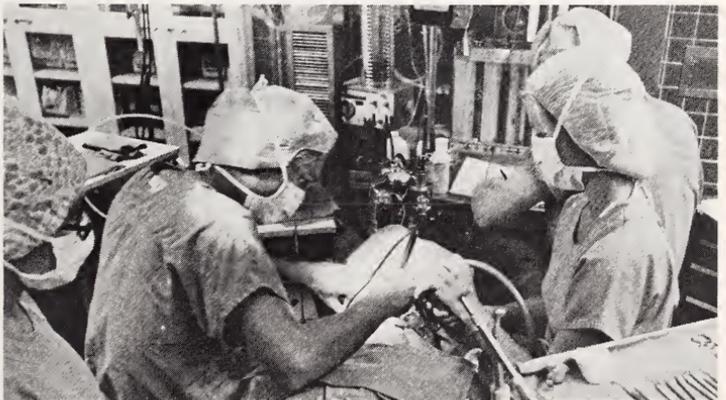
The **Development Dentistry Track** includes: facial growth; dental, psychological, and occlusal development; diagnosis of developmentally related problems; preclinical and clinical dentistry for children; diagnosis and treatment of occlusal related pathology; and the maintenance of optimal occlusion in adults. Instruction and clinical experience begin during the first year of dental school and total patient care of child and adult patients begins in the second year. Students gain experience diagnosing and treating orthodontic, pedodontic, and occlusion-related patients.

The School has a selective-elective format for elective courses. Ten credit hours of electives are required. Third- and fourth-year students are eligible to take electives, and once the ten-hour requirements have been met, the selective-elective program becomes entirely elective.

In addition to the traditional didactic examinations, many of the clinical departments are initiating competency type examinations. Once competency has been established, students are encouraged to seek further experience, but evaluation is in terms of feedback only, with reduced emphasis on grades. Although the majority of the didactic material is on a traditional grading scale, some is pass/fail. A strong attempt is made to provide feedback to the students in all types of evaluation.

Research is encouraged throughout the dental curriculum. A privately funded summer research fellowship experience is available to a limited number of students.

A fully equipped Learning Resources Center is located within the dental school. In addition to a production facility, a learning laboratory is available for student use of self-pacing autotutorial material. Several types of slide tape equipment are available, as well as videotape and traditional TV facilities.



**JOINT DEGREE PROGRAMS**

Students entering without a degree may under certain circumstances earn their bachelor's degree while completing the dental program.

Interested students are encouraged to pursue combined degree programs. A combined DDS/MPH degree program is in operation at this time as well as a DDS/PhD program. Although the PhD degree has been limited to basic science areas, for an interested student a joint program with a Ph.D. in a behavioral science is also possible. Similarly, Master's level programs in other areas are also available. Master's degree programs will usually require one or one and a half additional years of study; doctor's degree programs, at least two additional years.

**Dental Curriculum<sup>1</sup>**

**First Year<sup>2</sup>**

Subject	Semester Hours		
	Fall	Spring	Summer
Biochemistry 101fs .....	2	1	
Dental Ecology 102fsx .....	1	1	1
Physiology 103fs .....	1	2	
Developmental Dentistry 104fsx .....	1	1	2
Gross Anatomy 105fs .....	3	2	
Oral Biology 108fs .....	2	1	
Dental Material Sciences 109f .....	2		
Oral Medicine 110fsx .....	2	3	4
Microscopic Anatomy 111fs .....	2	1	
Intro Micro-Biology 112s .....		2	
Basic Dental Technic 115F .....	6		
Rest. Dent. 116sx .....		6	2
Totals	22	20	9

**Second Year<sup>2</sup>**

Subject	Semester Hours		
	Fall	Spring	Summer
Restorative (Removable) 119fs .....	3	3	
Oral Medicine 120fsx .....	5	2	5
Oral Biology 121fx .....	1		1
Dental Science II 122a .....	2		
Dental Science II 122b .....		4	
Pharmacology 123f .....	3		
Biologic Sci. Lab. 124s .....		4	
Surgery 125fsx .....	2	2	2
Dental Ecology 126fs .....	1	2	
C1 Oral Medicine 127fsx .....	2	1	1
C1 Restorative Dentistry 128fsx .....	0	1	1
C1 Surgery 129x .....			1
Developmental Dentistry II 204fx .....	2		1
C1 Developmental Dentistry 214fsx .....	0	0	1
TX Planning 209x .....			1
Fixed Pros. 211x .....			1
Totals	21	19	15

1. This curriculum is subject to change at any time upon approval of the faculty and administration.

2. The first- and second-year curriculum includes fall and spring semesters and an 8-week summer session.

Third Year<sup>3</sup>

Subject	Semester Hours		
	Fall	Spring	Summer
Oral Biology 131fs.....	2	2	
Surgery 132f .....	4		
Oral Medicine 133fs .....	1	2	
Dental Ecology 134fs .....	1	2	
C1 Surgery 135fsx .....	2	2	1
C1 Rest. Dent. 137fsx .....	2	2	1
C1 Oral Medicine 137fsx .....	2	2	1
C1 Dental Ecology 138s .....		2	*
Developmental Dentistry III 304 .....	4		
Dental Treatment Planning 309fs .....	1	1	
Fixed Prosthodontics, Didactic 311fs .....	1	1	
Removable Prosthodontics 312s .....		1	
CI Developmental Dentistry 314fsx .....	0	1	1
Totals	20	18	4
Electives	Var.	Var.	

\*Effective summer 1981.

Fourth Year<sup>5</sup>

Subject	Semester Hours	
	Fall	Spring
Oral Medicine IV 140f .....	2	
Oral Biology 141f .....	1	
Surgery 142f .....	2	
CI Surgery 145fs .....	2	2
CI Restorative 146fs .....	4	4
CI Oral Medicine 147fs .....	1	1
CI Dental Ecology 148fs .....	3	1
Developmental Dentistry IV 143f .....	1	
CI Developmental Dentistry 144fs .....	1	2
Totals	17	10
Electives	Var.	Var.

3. In addition to the courses listed, the student must earn a minimum of three credit hours in approved electives.

4. The third year curriculum includes fall and spring and a 5 week summer session.

5. A minimum of ten credit hours must be earned in the third and fourth years in approved elective courses.

**GRADUATE PROGRAMS  
IN THE SCHOOL OF  
DENTISTRY**

Graduate instruction is offered in Endodontics, Orthodontics, Pedodontics, Periodontology, Prosthodontics (Fixed and Removable), Oral and Maxillofacial Surgery, and Oral Biology.

**OBJECTIVES AND TEACHING AIMS**

The objective is to make available to qualified individuals a graduate program of instruction of the highest order. While the instruction generally is accomplished by members of the faculty of the School of Dentistry, or the Division of Health Sciences including the staff of The North Carolina Memorial Hospital, such members of the faculty also have appointments in the Graduate School. Instruction is in complete accord with the discipline, standards, and objectives of the Graduate School.

The Curriculum and course material are designed to prepare dentists for specialty practice meeting the requirements for certification by the American Boards.

**Admission**

Admission to the Graduate School is accomplished only after the application, transcripts of prior college work, Graduate Record Examination Scores, and other credentials are reviewed and approved by the appropriate committees. Enrollment for the study of all programs will normally be granted only at the beginning of the fall session.

In order that priority for admission may be established, and so assure appropriate and controlled enrollment for each class, an applicant must deposit the sum of \$100<sup>6</sup> within 15 days of the date of notification of acceptance. If the applicant presents himself for registration, the deposit will be credited to his account; otherwise, the deposit will be forfeited, except in prolonged or serious illness which prevents the candidate from attending school as attested to by his physician. If the applicant is eligible for the benefits under the G.I. Bill, the Business Office will refund this deposit upon registration in the Dental School and proper certification from the Veterans Administration.

It is the policy of this School and University not to discriminate on the basis of race, sex, color, national origin, religion, or handicap with regard to its students, employees, or applicants for admission or employment.

**Registration**

Registration, as noted in the Calendar of Events, will be accomplished as indicated in the Calendar of Events for Graduate Programs in the School of Dentistry. Fees and tuition to be paid at time of registration.

**DENTAL GRADUATE  
EXPENSES**

<b>Tuition and Fees<sup>7</sup></b>	<b>Residents</b>	<b>Non-residents</b>
Each Summer session .....	\$280.00	\$ 616.00
Each semester .....	552.25	1,180.25
<b>Additional Estimated Expenses</b>		
Malpractice Insurance .....		\$115.00
Instruments for Endodontics .....		675.00
Textbooks for Endodontics .....		<u>60.00</u>
Total .....	\$850.00	
Instruments for Orthodontics .....		\$425.00
Textbooks for Orthodontics .....		<u>75.00</u>
Total .....		<u>\$500.00</u>

6. A deposit to the Cashier of the University of \$100 is required at the time the letter of acceptance is issued.

7. Includes matriculation, professional library fee, student activities, student union fee, and Spurgeon Dental Society. Fees, tuition, and expenses subject to change.

Instruments for Pedodontics .....	\$500.00
Supplies .....	55.00
Textbooks for Pedodontics .....	75.00
Total .....	<u>\$630.00</u>
Instruments for Periodontics .....	\$650.00
Textbooks for Periodontics .....	130.00
Total .....	<u>\$780.00</u>
Instruments for Prosthodontics .....	\$500.00
Supplies .....	250.00
Textbooks for Prosthodontics .....	150.00
Total .....	<u>\$900.00</u>

**Scholarships, Fellowships, and Student Loans**

The Rehabilitation Services Administration (HEW) funds two graduate traineeships. For more information contact the Associate Dean of Academic Affairs.

Graduate students may secure loans from funds available to the University on the same basis as undergraduate students.

Federal and University funds are awarded and administered in compliance with Title IX regulations pertaining to sex and without discrimination based on race.

**Requirements for Degree and/or Certificate**

The Graduate School offers the Master of Science Degree in Endodontics, Orthodontics, Pedodontics, Periodontology, Prosthodontics, Oral and Maxillofacial Surgery, Dental Auxiliary Teacher Education, and other announced curriculums.

The Student who is interested primarily in the clinical practice of a specialty, and who desires to qualify for the specialty board, may elect to register in the Graduate School to work toward a Certificate of training in the specialty. The courses in general are the same as in the curriculum for the Master's degree with the exception that a research problem and thesis are not required.

**Facilities**

The clinical, laboratory, library, and hospital facilities have been described in previous sections of this catalog. The University of North Carolina Dental Research Center provides additional opportunities for graduate students to work with seasoned investigators in significant fields of dental research.

For further description of these programs of study see the Graduate School Record of The University of North Carolina at Chapel Hill or write the Associate Dean of Academic Affairs, School of Dentistry, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

## DENTAL AUXILIARY PROGRAMS

Mrs. Kathleen Morr  
Dental Hygiene  
Mrs. Ethel Earl  
Dental Assisting  
Mrs. Mary George  
Dental Auxiliary  
Teacher Education



## DENTAL AUXILIARY PROGRAMS

### Curriculum for Dental Hygiene

The University of North Carolina at Chapel Hill has one of the more than 200 accredited programs in the United States for the education of dental hygienists. The School of Dentistry offers a program of study leading to the Bachelor of Science degree in Dental Hygiene. Courses of study provide comprehensive educational experiences to qualify individuals for the practice of dental hygiene in accordance with the current and changing demands for health services, and in accordance with the laws and ethics pertaining to practice. The curriculum is administered with the flexibility necessary to accommodate the varying special interests and career goals of individual students. Upon satisfactory completion of the required program of study, the student is eligible for licensure examination at state and national levels, and for application to graduate programs in Dental Hygiene Education, Public Health, and other allied areas.

Students in dental hygiene may live in the residence halls on campus and are under University housing and conduct rules. Students are encouraged to participate in campus activities and organizations such as student government, athletics, music, religion, and art.

### Admissions

Applications for admission and information concerning entrance requirements may be secured by writing to the Director of Undergraduate Admissions, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

Students may be admitted for dental hygiene study after two years of college work, provided they meet requirements of the University and the Curriculum for Dental Hygiene. Acceptable scores on the Dental Hygiene Aptitude Test must be presented. Personal interviews are required. To assure proper planning for admission, students should maintain a close liaison with the program director.

Enrollment is limited and students are accepted on a competitive basis. Freshman admission to the University does not guarantee admission into the dental hygiene program. Selections are based on scholastic standing, performance on pre-admission tests, character, personal fitness, and sincere interest in dental hygiene as a professional career. Residents of North Carolina receive preferential consideration for admission. The present policy is to admit 50 students each August. Applicants are notified by the Office of Undergraduate Admissions of their acceptance into the class entering the following fall semester.

It is the policy of this School and University not to discriminate on the basis of race, sex, color, national origin, or handicap with regard to its students, employees, or applicants for admission or employment.

## General Requirements

1. A completed application to include:
  - (a.) College transcript from each college attended including summer school, denoting evidence of at least a "C" (2.0 on a 4.0 system) average on all courses attempted and eligibility to return to all previously attended institutions. Entering students are required to present evidence of satisfactory completion of at least one year of college work in the pre-dental hygiene courses prescribed in the Curriculum section of this catalog.
  - (b.) College questionnaire from the Dean responsible for student discipline at each college attended including summer school.
  - (c.) Transcript showing high school units if not listed on the college transcript.
  - (d.) Application fee of \$10 (nonrefundable).
  - (e.) List of courses in progress if currently enrolled.
  - (f.) Any other items requested in the application materials or by the Office of Undergraduate Admissions.
2. Acceptable scores on the Dental Hygiene Aptitude Test.
3. Personal interview with a member of the Committee on Admissions.
4. Dental hygienists who receive certificates for other institutions must meet the additional requirements of:
  - (a.) Evidence of graduation from an accredited dental hygiene program.
  - (b.) Presentation of acceptable scores of the National Board Dental Hygiene Examinations.
5. Confirmation of acceptance with nonrefundable \$25 enrollment deposit, due within 15 days of the date of notification of acceptance.
6. Medical reports, properly completed by a physician and a dentist on forms sent with the acceptance letter, must be received in time for official clearance before registration.

## Curriculum

The minimum requirements for the basic professional education of dental hygienists are prescribed by the Council on Dental Education of the American Dental Association. These basic core courses combined with additional University and School of Dentistry course requirements lead to the Bachelor of Science degree in Dental Hygiene.

Prior to being admitted and enrolled, all students will be required to present evidence of satisfactory completion of the pre-dental hygiene courses prescribed herein, as well as other courses in the Humanities, the Social Sciences, and the Natural Sciences. The schedule of academic work includes:

**PRE-ADMISSIONS REQUIREMENTS** English 1, 2; mathematics (two courses — preferably including Statistics 11); Chemistry 11-11L, 21-21L or Biochemistry 7, 8; Psychology 10; Sociology 51; Speech 53; Physical Education (2 courses).

**OTHER GENERAL REQUIREMENTS** Two Social Science electives, preferably including Political Science 41, 51, or 61; two Humanities and Fine Arts electives in two departments, preferably including Radio, Television, Motion Pictures 45; and seven free electives. Courses recommended for the free elective group are: Anthropology 41, Biology 21; Economics 31 and 32; Educational Psychology 71; English 33; Nutrition 50; Physics 20; Psychology 24, 28, 33, and 80; Sociology 52, 55, and 75; Zoology 11-11L and Zoology 45-103L.

**CURRICULUM FOR DENTAL HYGIENE** Anatomy 41; Bacteriology 51 or 55; Biochemistry and Nutrition 40; General Physiology; Dental Anatomy-Physiology; Dental Radiology; Preclinical and Clinical Dental

Hygiene (4 courses); Histology and Periodontology; General and Oral Pathology; Dental Pharmacology; Dental Materials and Techniques; Dental Health Education; Community Dental Health; Oral Microbiology; Dental Hygiene Practicum, and at least three courses prescribed for one of the following fields of concentration: Dental Public Health, Hospital Dentistry, Oral Biology, Pedodontics, or Periodontics.

Pre-dental hygiene course work taken at other institutions should be approved in advance by the Office of Undergraduate Admissions. Other questions concerning the program should be directed to: Director of Dental Hygiene, School of Dentistry 209-H, The University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.

		"First Year"	"Second Year"
Summary of Estimated Expenses	Tuition and Fees <sup>8</sup> .....	\$647.50	\$647.50
	Textbooks, Deposits, and Rentals .....	300.00	150.00
	Uniforms, Supplies, and Equipment .....	400.00	200.00
	Graduation and Licensure Examination fee .....		150.00
	Room, Board, and Personal Expenses (including cost of field experience) .....	2,000.00	2,200.00
	Total .....	\$3,347.50	\$3,347.50

All tuition and fees are to be paid in full at the time of each registration. Information on financial aid may be secured by writing the dental hygiene office.

**Withdrawals**

Procedures and policies governing withdrawal from the Curriculum for Dental Hygiene comply with the regulations of the University (as cited in the Undergraduate Bulletin). No refunds can be made on used instruments, supplies, and uniforms.

8. For nonresidents, tuition and fees are approximately \$2,357.50 a year. (Subject to change.)

## DENTAL AUXILIARY TEACHER EDUCATION

### Bachelor of Science Program

The School of Dentistry offers a Bachelor of Science Degree in Dental Auxiliary Teacher Education in cooperation with the College of Arts and Sciences and the School of Education. The prescribed curriculum includes courses in liberal arts, basic sciences, dental sciences, and education providing a comprehensive educational experience to qualify dental auxiliary personnel for careers in teaching.

Graduate dental hygienists, certified dental assistants, and dental laboratory technicians who are certified or eligible for certification are eligible for admission to D.A.T.E. provided they meet the entrance requirements of the University. Dental hygienists completing the UNC Curriculum for Dental Hygiene should consult with the Program Director regarding course requirements for the degree.

Priority for admission will be given to applicants with work experience and those qualifying as juniors. Enrollment is limited and students are accepted on a competitive basis. Selections are based upon scholastic standing, work experience in a dental area, and a demonstrated interest in teaching in a dental auxiliary education program.

It is the policy of this School and University not to discriminate on the basis of race, age, sex, color, national origin, religion, or handicap with regard to its students, employees, or applicants for admission or employment.

The curriculum is divided into two separate segments. Freshmen and sophomore students should complete most of the General College course requirements prior to registration in the professional courses.

Transfer students must complete the courses listed as General College Requirements, selecting upper-division courses in lieu of lower-division courses when available, and the required courses in the DATE and education block. Included in the educational block is a practice teaching assignment in a cooperating dental auxiliary program.

A Bachelor of Science Degree in Dental Auxiliary Teacher Education is granted to those who satisfactorily complete the requirements of the curriculum. The length of time required for program completion depends on the academic situation of the individual student. To assure proper planning of courses, students wishing to transfer to the Chapel Hill campus should maintain a close liaison with the Program Director. The University will accept a maximum of sixty-four semester hours of transfer credit (plus physical education activity credit) from a two-year institution. Academic procedures described in the section on Dental Hygiene apply also to the students in DATE.

The estimated cost of tuition, fees, books, housing, and meals is similar to the expenses listed for students in the Curriculum for Dental Hygiene. Information on financial aid and admissions is available by contacting: Director, Dental Auxiliary Teacher Education, The University of North Carolina at Chapel Hill, School of Dentistry, Chapel Hill, N.C. 27514. Information relating to application and entrance requirements may be obtained by writing to the Director of Undergraduate Admissions, The University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.

## GENERAL COLLEGE COURSE REQUIRE- MENTS

English 1, 2; two courses in mathematical sciences; three Social Science Division Electives (Sociology 51 is recommended); three Humanities Division Electives (English 33 and Speech 53 are required); four courses in Natural Sciences, including two in Chemistry or Biochemistry, one in Zoology, Botany, or Physics, and Psychology 10. Six

College Electives, six free electives with not more than four courses from a single department; two semesters of physical education.

**D.A.T.E. COURSE RE-  
QUIREMENTS**

**Basic Requirements**

Basic and Dental Sciences, including Anatomy, Biochemistry (Nutrition), Bacteriology, General Physiology, Dental Anatomy-Physiology, Dental Histopathology, Dental Pharmacology, Community Dentistry are required for the dental hygienist and dental assistant.

Dental hygienists may apply for transfer credit for dental hygiene courses completed in another accredited institution by submitting transcripts and National Dental Hygiene Board scores.

Dental assistants may apply for transfer credit for professional courses completed in another accredited program by submitting transcripts and proof of current certification by the National Board for Dental Assisting, American Dental Assistants Association.

Transfer credit for professional courses for dental laboratory technicians will be determined on an individual basis based on certification or eligibility for certification and/or the submission of transcripts from an accredited dental laboratory technology program.

**D.A.T.E. and Education  
Requirements**

D.A.T.E. required courses include: Current Professional Skills, Clinical and Laboratory Teaching Practicum, Introduction to Dental Auxiliary Education, and six to nine elective credits in the major area. Education requirements include: Educational Psychology, Audiovisual Instruction: Techniques and Materials, Internship Seminar and Practice (Practice Teaching), and two electives.

## DENTAL ASSISTING

The School of Dentistry offers a program of study leading to a certification in Dental Assisting. The course of study is well integrated with the various other programs in the School of Dentistry and provides excellent preparation for a satisfying career as a member of the dental health team.

The program is approved by the Commission of the American Dental Association as a fully accredited program. Upon successful completion of the program the student is eligible to take the national certification examination given by the Certifying Board of the American Dental Assistants Association.

Students in the Dental Assisting Program may live in Granville Towers or other residence halls on campus and are encouraged to participate in campus and school activities, student government, and athletics.

## Admissions

Application for admission and information concerning the program may be secured by writing to the Director of Admissions, School of Dentistry, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, 27514.

Graduates of an accredited high school regardless of race, sex, color, national origin, religion, or handicap may apply. Selections are based on scholastic standing, scores of S.A.T. tests, and a sincere interest in dental assisting.

## General Admission Requirements

1. A completed application to include:
  - a. high school transcript of all courses completed denoting evidence of a "C" (2.0 on a 4.0 system) average. Courses should include at least one biology and general science course.
  - b. list of courses presently in progress.
  - c. college transcripts, if applicable.
  - d. acceptable S.A.T. (or other college entrance test) scores.
2. Confirmation of acceptance with nonrefundable \$25.00 enrollment fee. This fee will be applied toward tuition fee.
3. Medical and dental reports, properly completed by a physician and a dentist on forms sent with the acceptance letter.

## Curriculum

Students are enrolled in the second summer session of the University at the School of Dentistry for the ten-month program in Dental Assisting. The course of study is well integrated with the various other programs in the School and provides excellent preparation for a satisfying career as a member of the dental health team.

The curriculum consists of courses in general studies including English and Psychology, and basic science including Microbiology, Dental and Head & Neck Anatomy, general anatomy and Physiology, Pathology, Nutrition, and Pharmacology. Clinical science courses include office emergencies, dental materials, pre-clinical and clinical procedures, preventive dentistry, and office management.

## Summary of Estimated Expenses

Education	\$ 522.00
Textbooks	95.00
Uniforms	160.00
Certification Examination Fee	40.00
Student Association Membership	20.00
Room, Board, and Personal Expenses	1,800.00
	\$2,637.00

All educational fees are to be paid at the time of registration. Information on financial aid may be secured by writing to the Admissions Office of the Dental School.

**ACADEMIC PROCEDURES FOR STUDENTS IN AUXILIARY PROGRAM'S**

In publishing these regulations, the School of Dentistry does not recognize any implied contract as having validity beyond the succeeding academic year. The faculty reserves the right to make changes in curricula and in regulations when in its judgment such changes are for the best interest of the students and the school. Ordinarily a student may expect to receive a certificate or a degree by meeting the requirements of a curriculum as specified in the catalog currently in force at the time of entrance, or in any one subsequent catalog published during enrollment; but the school is not obligated to fulfill this expectation or to offer in any particular year a course listed in the catalog.

Each student is responsible for observing the procedures, regulations, and requirements of the University as they are announced here and in other official University publications.

Regulations governing class attendance, final examinations, special examinations, and credit by examination are described here and in other official University publications.

**Grading System**

Passing grades are A (Highest level of attainment), B (High level of attainment), C (Adequate level of attainment), D (Minimal passing level of attainment), and PS (Passing grade for course using Pass-Fail grading). Pluses and minuses may be assigned to grades of B, C, and only minus to grade A, plus to grade D. Pluses and minuses will be recorded on the student's academic record and will be weighted in accordance with the University's quality point system. The abbreviations, IN (work incomplete), and AB (absent from examination) indicate that the grade F will be recorded unless the particular deficiency is removed within 12 months. The grade AB (Officially excused) or IN may be removed without any restriction as to the grade assigned by the instructor.

Marked deficiency in English composition will be indicated by symbol 'cc' attached to the letter grade assigned in the course. Final credit for the course will not be allowed until the 'cc' (composition condition) is removed. A 'cc' may be removed in two ways: 1. By successfully completing English C, a noncredit Writing Laboratory course. 2. By completing, with a grade of C or better, English Oc, a noncredit correspondence course.

University regulations governing the awarding of quality points, the "pass-fail" grading system, and Dean's List eligibility are in effect for students in Dental Hygiene and Dental Auxiliary Teacher Education.

**Academic Performance**

The academic status of each student is reviewed at the end of each term by an Academic Performance Committee. This committee is charged with applying academic regulations.

A student who receives the grade F in any two courses in a year must withdraw from the program. For re-registration a student must apply for re-admission and must be accepted by the appropriate Committee on Admissions.

A student who receives grades below C in more than one-half of the current semester hours will be placed on probation for the subsequent semester. To permit continued enrollment in a program, probationary status must be removed in the following semester by presenting at least an overall 2.0 (C) average for the semester's work.

All grades of IN, AB, and F must be removed within one year of the time they occur.

The faculty further reserves the right to recommend the withdrawal or the reclassification of a student in a program at the end of any semester, provided the student does not in their judgment show sufficient promise to justify continuation of study, regardless of grades. These conditions are described in other sections of this catalog.

In all instances, students must meet programs and University requirements for continued residence and graduation. To qualify for a certificate or an undergraduate degree, a student must complete all stated requirements and must present at least a 2.0 (C) average on all work attempted in the University at Chapel Hill.

#### Appeals

A student, after conference with the instructor concerned, may present in writing to the Dean of the school an appeal from a course grade or the decision of the Academic Performance Committee. No appeal may be made after the last day of classes of the next succeeding regular term. The Dean will refer the appeal to the Administrative board of the School of Dentistry. No change of grade or alteration of the Academic Performance Committee's decision will be made except as a result of the Administrative Board's decision, which is final.

Acceptance of the above regulations is assumed with registration.

CLINICAL FACULTY

- George Douglas Allen, B.A., M.A., Ph.D., *Associate Professor of Dental Ecology and Institute of Speech and Hearing*
- Craig E. Allison, A.B., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Jay Arthur Anderson, B.S., D.D.S., *Clinical Assistant Professor of Oral and Maxillofacial Surgery/Anesthesia*
- Thomas Richard Anderson, B.S., A.M., Ph.D., *Research Assistant Professor of Oral Diagnosis and Research*
- Richard Edward Anglin, Jr., B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- Ray Allen Ashcraft, B.S., D.D.S., *Part-time Adjunct Associate Professor of Dental Ecology*
- Eli John Attayek, B.S., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Dan Morrisette Averett, B.S., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Ronald Dale Baker, D.D.S., M.A., (Ed.), *Professor and Chairman of Oral and Maxillofacial Surgery*
- Bernard Balaban, B.A., D.D.S., M.S., *Part-time Adjunct Associate Professor of Oral and Maxillofacial Surgery*
- Daniel Hardy Barefoot, B.S., D.D.S., M.S., *Part-time Clinical Instructor of Periodontics*
- Roger Evans Barton, D.D.S., *Professor of Dental Ecology and Associate Dean of Administration*
- James Wyatt Bawden, D.D.S., M.S., Ph.D., *Alumni Distinguished Professor of Pedodontics*
- Richard Allen Beane, Jr., A.B., D.D.S., *Part-time Clinical Assistant Professor of Orthodontics*
- Joe D. Beasley, D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Fred A. Bell III, D.D.S., M.S., *Adjunct Associate Professor of Oral and Maxillofacial Surgery*
- Gloria L. Berry, B.S., D.D.S., *Clinical Instructor of Operative Dentistry*
- Norman William Blaylock, Jr., B.A., D.D.S., *Visiting Clinical Instructor of Operative Dentistry*
- Marvin Jerrold Block, B.S., D.D.S., M.P.H., *Associate Professor of Dental Ecology and Adjunct Associate Professor, School of Public Health*
- David Evers Boaz, B.S., D.D.S., M.A., *Clinical Assistant Professor of Oral Diagnosis*
- Edward Gerock Boyette, B.S., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Charles Frank Brantley, B.A., D.D.S., *Instructor of Fixed Prosthodontics*
- Hillary Broder, B.A., M.S., (Ed.), *Clinical Assistant Professor of Dental Ecology*
- Benjamin William Brown, D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- George S. Buck, A.D., D.D.S., *Part-time Clinical Assistant Professor of Periodontics*
- Ernest Jefferson Burkes, Jr., B.S., D.D.S., M.S., *Professor and Chairman of Oral Diagnosis/Pathology*
- Thomas K. Buttler, B.A., D.D.S., M.S., *Part-time Assistant Professor of Endodontics*
- Worth Miller Byrd, D.D.S., M.S., *Part-time Assistant Professor of Orthodontics*
- John David Cagle, D.D.S., *Part-time Adjunct Associate Professor of Oral and Maxillofacial Surgery*
- Philip Elwood Caldwell, A.B., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Agna Boass Calingaert, A.B., Ph.D., *Research Associate*

- Joe Henderson Camp, A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- John William Campbell, B.A., D.D.S., *Part-time Adjunct Assistant Professor of Oral and Maxillofacial Surgery*
- Reynolds A. Carnevale, B.S., D.D.S., M.S., *Part-time Clinical Associate Professor of Periodontics*
- Dexter Gregory Chadwich, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- William Leroy Chambers, B.S., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Dudley C. Chandler, Jr., B.A., D.D.S., M.S., *Part-time Clinical Assistant Professor of Periodontics*
- James Oldham Clark, D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- Herman Bryan Cobb, B.S., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- James C. Coffey, Jr. B.A., M.S.P.H., Ph.D., *Associate Professor of Oral Biology/Pediatrics/Endodontics/Parasitology and Laboratory Practice*
- Donovan E. Compton, B.S., *Clinical Assistant Professor of Dental Ecology and Director of Dental Faculty Practice*
- Catherine Mary Cone, B.S. (D.H.), *Part-time Adjunct Instructor of Dental Ecology*
- James Beverly Congleton III, B.S., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Charles William Conner, Jr., D.D.S., M.S., *Part-time Clinical Instructor of Pedodontics*
- Richard Thomas Cooke, D.D.S., M.S., *Part-time Clinical Assistant Professor of Periodontics*
- Buckley Wayne Cozart, B.A., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- William Hugh Craig, A.B., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Clifton Earl Crandell, B.S., D.D.S., M.S., M.Ed., *Professor of Oral Diagnosis*
- James Joseph Crawford, B.A., M.A., Ph.D., *Professor of Endodontics-Research/Bacteriology*
- Miles Aubrey Crenshaw, B.A., M.A., Ph.D., *Professor of Pedodontics/Research*
- William Graham Crutchfield, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Rodger Millard Dalston, M.A., B.A., Ph.D., *Associate Professor of Surgery (School of Medicine) and Dental Ecology*
- Mary Ann D'Amelio, B.S., M.S., *Clinical Assistant Professor of Dental Ecology (DA)*
- Janet Barbara Dege, B.S., M.S., *Adjunct Instructor of Dental Ecology*
- Lawrence Howard Dempsey, Jr., A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Billy Davis Dennis, D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- Diane Halvorson Dilley, D.D.S., *Assistant Professor of Pedodontics*
- Gary J. Dilley, B.S., D.D.S., M.S., *Associate Professor of Pedodontics*
- David Phillip Dobson, D.D.S., M.S., *Professor of Removable Prosthodontics*
- Alberta Beat Dolan, R.D.H., B.S., M.Sc., *Professor of Dental Ecology, Emeritus*
- Edward A. Dolan, B.S., D.D.S., *Adjunct Assistant Professor of Dental Ecology*
- Claude Wallace Drake, B.A., D.D.S., M.P.H., M.S., *Associate Professor of Dental Ecology*

- Duane A. Dreyer, B.S., Ph.D., *Associate Professor of Oral and Maxillofacial Surgery/Research/Physiology*
- Carol Drinkard, D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- George G. Dudley, B.S., D.D.S., M.P.H., *Part-time Adjunct Assistant Professor of Dental Ecology*
- William P. Dunn, Jr., D.D.S., *Part-time Clinical Assistant Professor of Dental Ecology*
- James Carr Eagle, Jr., B.S., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Ethel McKee Earl, R.N., B.S., *Clinical Associate Professor of Dental Ecology (D.A.)*
- Robert William Eilers, D.D.S., M.S., *Adjunct Assistant Professor of Dental Ecology*
- Vercie Massengill Eller, B.S., M.S., (Ed.), *Part-time Adjunct Associate Professor of Dental Ecology*
- Thomas Edwin Evans, Jr., A.B., D.D.S., M.P.H., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Kenneth E. Evins, B.S., D.D.S., M.S., *Adjunct Instructor of Dental Ecology*
- David Arthur Felton, B.S., D.D.S., *Part-time Clinical Instructor of Fixed Prosthodontics*
- Mary Bruno Feretti, B.S., *Clinical Assistant Professor (D.A.) of Dental Ecology*
- Thomas Albert Feretti, A.B., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Henry William Fields, Jr., A.B., D.D.S., M.S., *Assistant Professor of Pedodontics*
- Stanley Louis Fleming, D.D.S., M.S., *Part-time Assistant Professor of Fixed Prosthodontics*
- Eleanor Ann Forbes, B.Sc., R.D.H., *Professor of Dental Ecology (D.H.)*
- Stuart Burton Fountain, A.B., D.D.S., *Part-time Clinical Associate Professor of Endodontics*
- John Rankin Frick, D.D.S., M.S., *Part-time Clinical Assistant Professor of Orthodontics*
- Raymond S. Garrison, Jr., B.S., D.D.S., M.S., *Part-time Adjunct Assistant Professor of Oral and Maxillofacial Surgery*
- James M. George, B.S., Ph.D., *Assistant Professor of Dental Ecology/Psychology*
- Mary Caldwell George, B.S., M.S., (ED.), *Associate Professor of Dental Ecology (DATE)*
- Alvin S. Goodman, D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- Jo Pinnell Goulson, B.S., M.S.P.H., *Part-time Research Associate in Dental Research Center*
- Emily Virginia Grantham, A.B., Ph.D., *Research Assistant Professor of Dental Ecology*
- George William Greco, B.S., D.D.S., M.S., *Associate Professor of Periodontics*
- Allan R. Greenberg, B.S., M.S., Ph.D., *Research Scientist*
- John Marshall Gregg, B.A., D.D.S., M.S., (Anat.), M.S. (O.S.), *Professor of Oral and Maxillofacial Surgery/Anesthesiology*
- Robert R. Hagaman, B.S., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- David Joel Hall, B.S., D.D.S., M.S., *Part-time Assistant Professor of Orthodontics*
- Edward Henry Hamilton, B.S., D.D.S., *Clinical Professor of Orthodontics*
- Jacob Sylvanus Hanker, B.S., Ph.D., *Professor of Oral and Maxillofacial Surgery/Research (Oral Biology)*

- Donald C. Hartig, B.A., D.D.A., *Part-time Clinical Assistant Professor of Pedodontics*
- John Douglas Hartness, D.D.S., *Part-time Clinical Assistant Professor of Endodontics*
- Thomas Michael Hassell, B.S., D.D.S., D.M.D., Ph.D., *Assistant Professor of Periodontics*
- Jimmie Alex Haynes, B.S., D.D.S., *Part-time Clinical Assistant Professor of Periodontics*
- Kent Waddell Healey, D.D.S., M.S., *Associate Professor of Removable Prosthodontics*
- Guenther H. Hennig, D.M.D., D.D.S., *Part-time Adjunct Associate Professor of Oral and Maxillofacial Surgery*
- Howard Garland Hershey, Jr., B.S., D.D.S., M.S., *Professor of Orthodontics and Associate Dean for Academic Affairs*
- Elliott McKaughan Hester, D.M.D., M.S., *Adjunct Assistant Professor of Dental Ecology*
- Harold O. Heymann, B.A., D.D.S., *Instructor of Operative Dentistry*
- Heraline E. Hicks, B.S., M.S., Ph.D., *Research Associate*
- Lester Bodine Higley, B.A., D.D.S., M.S., *Professor of Orthodontics, Emeritus*
- Edward Harvie Hill, Jr., A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Gary Prevost Hill, B.A., D.D.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Philip Francis Hirsch, B.S., Ph.D., *Director of Dental Research Center and Professor of Pharmacology*
- Edward Charles Hissett, D.D.S., *Part-time Clinical Assistant Professor of Orthodontics*
- Gene Allen Holland, A.A., D.D.S., M.S., *Associate Professor and Acting Dean of Fixed Prosthodontics*
- Richard L. Hoodenpyle, B.A., D.M.D., *Part-time Clinical Assistant Professor of Periodontics*
- Kenneth Paul Hopkins, D.D.S., *Part-time Adjunct Associate Professor of Dental Ecology*
- Burton Allan Horwitz, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Eugene Fredrick Howden, D.D.S., M.S., *Part-time Visiting Clinical Associate Professor of Pedodontics*
- Daniel Thorne Howell, B.A., D.M.D., *Part-time Clinical Instructor of Pedodontics*
- Robert McArthur Howell, D.D.S., M.S., *Professor of Dental Ecology/Pathology*
- Robert Earl Howland, B.S., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- John Thomas Hughes, B.S., D.D.S., M.P.H., Ph.D., *Part-time Adjunct Professor of Dental Ecology and Professor of Public Health*
- Grover Cleveland Hunter, Jr., A.B., D.D.S., M.S., *Professor of Periodontology, Emeritus*
- Robert Nolan Hunter, B.S., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- Luther Hill Hutchens, Jr., B.S., D.D.S., M.S., *Professor and Chairman of the Department of Periodontics*
- Vickey R. Hutter, B.S., M.S., *Assistant Professor of Nursing/Lecturer in Dental Ecology*
- Charles S. Huttula, D.D.S., *Part-time Adjunct Associate Professor of Oral and Maxillofacial Surgery*

- William A. Inge, Jr., A.B., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- William R. Inman, A.B., *Assistant to the Dean and Lecturer in Dental Ecology*
- Forest Ray Irons, B.A., D.D.S., M.S., *Assistant Professor of Fixed Prosthodontics*
- John Richard Jacoway, D.D.S., Ph.D., *Associate Professor of Oral Diagnosis*
- Joyce Wright Jenzano, B.S., M.S., *Assistant Professor of Dental Ecology (D.H.)*
- Leonard Graham Jewson, D.D.S., M.S., *Associate Professor of Periodontics*
- Karen Bremer Johnson, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Thomas George Johnson, Jr., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Malcolm Campbell Johnson, D.D.S., M.S., Ph.D., *Professor of Orthodontics/Research/Anatomy*
- Suzanne Claire Jones, B.S., (DATE), *Clinical Instructor of Dental Ecology (D.A.)*
- Burrell Edmond Kanoy, B.S., M.A., D.D.S., *Assistant Professor of Fixed Prosthodontics*
- James Frederick Kelly, D.D.S., M.S., *Part-time Adjunct Professor of Oral and Maxillofacial Surgery*
- Thomas William Kelly, Jr., B.S., D.D.S., M.S., *Part-time Adjunct Instructor of Removable Prosthodontics*
- Tally A. Kennon, Jr., B.A., D.D.S., M.S., *Part-time Clinical Assistant Professor of Oral and Maxillofacial Surgery*
- Bruce Fonville King III, A.B., D.D.S., *Part-time Clinical Assistant Professor of Orthodontics*
- Kermit Frederick Knudtzon, D.D.S., *Professor of Dental Ecology, Emeritus*
- Thomas Robert Konrad, B.A., M.A., Ph.D., *Research Assistant Professor of Dental Ecology/Health Service Research Center*
- Barbara B. Kramer, B.S., M.A., Ph.D., *Part-time Research Assistant Professor of Dental Ecology*
- Robert P. Kusy, B.S., M.S., Ph.D., *Associate Professor of Orthodontics/Research*
- Nelson Darrow Large, A.B., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Joseph Franklin Laton, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Sarah Lawson, B.S. (D.H.), *Part-time Adjunct Instructor of Dental Ecology*
- Mary Margaret Lee, B.S., M.P.H., Ph.D., *Clinical Assistant Professor of Oral Diagnosis*
- Irwin Joel Leeb, B.S., D.D.S., M.S., Ph.D., *Professor and Chairman of Department of Endodontics*
- Karl F. Leinfelder, D.D.S., M.S., *Professor of Operative Dentistry*
- Robert Denby Lewis, B.A., D.D.S., *Part-time Associate Professor of Endodontics*
- Roy Lawrence Lindahl, B.S., D.D.S., M.S., *Professor of Pedodontics and Director of Continuing Education*
- Edward Eugene Livingston, Jr., B.S., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Sharon Ruth Logue, B.S., *Part-time Clinical Instructor of Dental Ecology (D.H.)*
- Linwood Marvin Long, Jr., A.B., D.D.S., *Part-time Clinical Instructor of Pedodontics*

- Roger Lauren Lundblad, B.S., Ph.D., *Professor of Periodontics/Pathology/Biochemistry*
- Susan Taylor Lundblad, B.S., R.H.D., *Part-time Clinical Instructor of Dental Ecology (D.H.)*
- Thomas F. Lundeen, B.S., M.S., D.M.D., *Assistant Professor of Operative Dentistry*
- Cecil Rhodes Lupton, D.D.S., *Professor of Oral and Maxillofacial Surgery*
- James Bernard Machen, D.D.S., M.A.T., M.S., Ph.D., *Assistant Dean of Dental Education and Professor of Pedodontics*
- Stephen Barry Mackler, B.A., D.D.S., M.S., *Part-time Clinical Assistant Professor of Periodontics*
- John Wesley Mainwaring, Jr., A.B., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Donald Lee Marbry, B.S., D.D.S., M.P.H., *Associate Professor of Oral Diagnosis*
- Sandy Cole Marks, D.D.S., M.S., *Part-time Clinical Professor of Pedodontics, Emeritus*
- Mary Jane Marshall, B.S., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- Stephen Robert Matteson, D.D.S., *Associate Professor of Oral Diagnosis/Adjunct Professor of Radiology*
- Kenneth Nolan May, A.B., D.D.S., *Assistant Professor of Operative Dentistry*
- Douglas Ray McArthur, A.B., D.D.S., M.S., *Associate Professor of Removable Prosthodontics*
- Frank Webb McCracken III, B.S., D.D.S., *Professor of Removable Prosthodontics and Assistant Dean for Outpatient Services*
- Walter Thompson McFall, Jr., B.S., D.D.S., M.S., *Professor of Periodontology*
- Frank Thomas McIver, A.B., D.D.S., M.S., *Professor of Pedodontics*
- Michael Norman McKee, B.A., D.M.D., *Visiting Clinical Instructor of Endodontics*
- Gerald L. Mechanic, B.S., M.S., Ph.D., *Professor of Periodontology/Research/Biochemistry*
- Morton Meltzer, B.A., M.D., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Jack Alan Menius, B.S., D.D.S., *Part-time Clinical Associate Professor of Pedodontics*
- Edward Mark Miller, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- John J. Miller, D.D.S., M.S., *Part-time Clinical Assistant Professor of Oral and Maxillofacial Surgery*
- William G. Millicovsky, Ph.D., *Research Associate*
- Charles L. Milone, B.S., D.D.S., M.P.H., *Associate Professor of Dental Ecology*
- Robert Minkoff, A.B., D.M.D., M.S., *Associate Professor of Orthodontics*
- Harold Wayne Mohorn, A.B., D.D.S., M.S., *Part-time Clinical Associate Professor of Endodontics*
- Terri Emily Moore, B.S., (D.H.), *Part-time Adjunct Instructor of Dental Ecology*
- Mark Sidney Morgan, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- John Daniel Moriarty, B.S., D.D.S., M.S., *Assistant Professor of Periodontics*
- Douglas V. Morr, A.T., B.S., M.S., *Assistant Professor of Dental Ecology*
- Kathleen Ellegood Morr, B.Sc., M.S., (D.H.Ed.), *Associate Professor of Dental Ecology (D.H.)*

- Robert Wilson Moye, A.B., D.D.S., *Part-time Instructor of Operative Dentistry*
- Henry Von Murray, Jr., B.S., D.D.S., *Professor of Fixed Prosthodontics*
- William Charles Myers, D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- Robert Mellinger Nelson, B.A., D.D.S., M.S., *Professor of Orthodontics, Emeritus*
- James Edwin Noonan, B.S., D.D.S., *Assistant Professor of Fixed Prosthodontics*
- Kevin John O'Connell, B.S., D.M.D., *Adjunct Instructor of Dental Ecology*
- Theodore Richard Oldenburg, D.D.S., M.S., *Professor and Chairman, Department of Pedodontics*
- John S. Olmstead, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Endodontics*
- Carl Reuben Oman, D.D.S., *Part-time Clinical Professor, Emeritus and Special Consultant in Operative Dentistry*
- Robert Franklin Overcash, Jr., B.A., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Walter Bennett Parrish, Jr., B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Jerry E. Patterson, B.S., D.D.S., M.S., M.D., *Part-time Clinical Assistant Professor of Oral Diagnosis*
- Roy Peach, B.S., M.S., Ph.D., *Associate Professor of Endodontics/Research/Anatomy*
- Pamela M. Peters, B.S., *Assistant Professor of Dental Ecology (D.A.)*
- James C. Pettigrew, Jr., B.A., D.M.D., *Assistant Professor of Oral Diagnosis*
- John Carl Pfefferle, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Ceib L. Phillips, B.S., Ph.D., M.S., *Research Assistant Professor of Orthodontics*
- Riley Clyde Pleasant, Jr., B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Robert McNeill Poteat, B.S., D.D.S., M.S., *Part-time Clinical Assistant Professor of Fixed Prosthodontics*
- Jerry Wayne Price, D.D.S., *Adjunct Instructor of Dental Ecology*
- William Robert Proffit, B.S., D.D.S., Ph.D., M.S., *Professor and Chairman, Department of Orthodontics*
- Charles Conley Pruitt, Jr., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Sally Murr Purser, B.S. (DATE), *Clinical Instructor of Dental Ecology*
- George Wayne Raborn, D.D.S., M.S., *Assistant Professor of Oral Diagnosis*
- Marion Lee Ralls, Jr., A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- David Livingston Raney, B.A., M.A., *Lecturer (Dental Education), Administration*
- James D. Reed, Jr., B.S., D.D.S., M.P.H., *Part-time Adjunct Instructor of Dental Ecology*
- Omer Keith Reed, B.S., D.D.S., *Part-time Adjunct Associate Professor of Dental Ecology*
- Richard Edgeworth Richardson, D.D.S., *Professor of Oral Diagnosis, Emeritus*
- Theodore Milton Roberson, B.S., D.D.S., *Associate Professor and Chairman of Operative Dentistry and Director of Student Affairs*

- Lloyd Rene Rothchild, A.B., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Robert P. Rubins, D.D.S., M.S., *Part-time Clinical Assistant Professor of Periodontics*
- William Houston Salling, Jr., A.B., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Darlene Hawkins Sams, B.S., (DATE), *Clinical Instructor of Dental Ecology (DATE)*
- Eugene Samuel Sandler, A.B., D.D.S., M.S., *Associate Professor of Dental Ecology*
- William Thomas Schadel, D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Norbert Joseph Schneider, B.A., D.D.S., M.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Nathan Schupper, B.S., D.D.S., *Part-time Associate Professor of Removable Prosthodontics*
- Ludwig Gaston Scott, B.A., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Robert Jack Shankle, D.D.S., *Professor of Endodontics and Director of Public Relations and Development*
- Glen J. Shefter, B.S., M.B.A., D.D.S., *Visiting Clinical Instructor of Periodontics*
- Luby Thaddeus Sherrill, Jr., B.S., D.D.S., M.P.H., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Philip W. Shoemaker, A.B., D.D.S., *Part-time Adjunct Assistant Professor of Oral and Maxillofacial Surgery*
- Ronnie D. Short, B.A., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- Hudson Wilson Shoulars, A.B., D.D.S., M.S., *Part-time Clinical Associate Professor of Periodontology*
- Daniel Allan Shugars, B.S., D.D.S., Ph.D., *Assistant Professor of Operative Dentistry and Assistant Director of Student Affairs/Clinical Assistant Professor, School of Education*
- Myron Simeon Silverman, B.S., M.S., Ph.D., *Professor of Periodontics/Dental Research/Microbiology, Emeritus*
- David Murray Simpson, B.S., D.D.S., Ph.D., *Associate Professor of Periodontics*
- Macon Mitchell Singletery, A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Periodontics*
- Eldon Flimmon Sloan, Jr., A.B., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Beryl A. Slome, B.D.S., D.D.S., *Associate Professor of Oral Diagnosis*
- Troy Bunyon Sluder, Jr., D.D.S., M.S., *Professor of Operative Dentistry*
- Ernest William Small, B.A., D.D.S., M.S., *Professor of Oral and Maxillofacial Surgery and Professor of Medical Surgery*
- Alton Lacy Smith, Jr., B.A., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Vonnie B. Smith, D.D.S., M.S., *Part-time Clinical Assistant Professor of Orthodontics*
- Clarence Lee Sockwell, D.D.S., *Professor of Operative Dentistry*
- Richard Howard Sojourne, B.S., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Pauline R. Spencer, C.D.A., *Clinical Assistant Professor of Dental Ecology (D.A.)*
- William R. Stanmeyer, B.S., D.D.S., *Professor of Oral Diagnosis, Emeritus*

- Linda Kimerle Stewart, B.S., (DATE), *Clinical Assistant Professor of Operative Dentistry*
- Ronald Peter Strauss, B.A., D.M.D., M.A., *Associate Professor of Dental Ecology/Community Medicine*
- Lynn T. Strickland, D.A. Certificate, *Part-time Clinical Instructor of Dental Ecology (D.A.)*
- William Douglas Strickland, B.S., D.D.S., *Professor of Operative Dentistry*
- George J. Stuart, Jr., B.A., D.D.S., *Part-time Clinical Assistant Professor of Periodontics*
- Clifford Max Sturdevant, D.D.S., *Professor of Operative Dentistry, Emeritus*
- John Roger Sturdevant, B.A., D.D.S., *Clinical Instructor of Operative Dentistry*
- William David Sulik, B.S., D.D.S., M.S., *Assistant Professor of Fixed Prosthodontics*
- Julie E. Sutton, A.B., B.S. (D.H.), *Adjunct Instructor of Dental Ecology (D.H.)*
- Duane Francis Taylor, B.S.E., M.S.E., Ph.D., *Professor of Operative Dentistry/Dental RES*
- William Carlton Terry, D.D.S., *Professor of Oral and Maxillofacial Surgery*
- Barbara Thompson, B.S., D.D.S., *Part-time Clinical Assistant Professor of Dental Ecology*
- Benjamin E. Thompson, A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Fixed Prosthodontics*
- James Cecil Thompson, B.A., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Timothy C. Toomey, A.B., M.S., Ph.D., *Part-time Clinical Associate Professor of Oral and Maxillofacial Surgery*
- Svein Utheim Toverud, D.M.D., Dr. Odont., *Professor of Oral Diagnosis /Research and Associate Professor of Pharmacology*
- William C. Trier, A.B., M.D., *Professor of Surgery/Dental Ecology*
- Charles William Tulloch, B.A., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Derek Terence Turner, B.S., A.I.R.I., Ph.D., *Professor of Operative Dentistry/Dental Research*
- Timothy A. Turvey, B.S., D.D.S., *Associate Professor of Oral and Maxillofacial Surgery*
- Donald Alton Tyndall, B.A., D.D.S., *Instructor of Oral Diagnosis*
- Victor H. Tynes, B.S., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- Harvard John Van Belois, Jr., D.D.S., *Part-time Adjunct Assistant Professor of Oral and Maxillofacial Surgery*
- William F. Vann, Jr., B.S., D.M.D., M.S., *Assistant Professor of Pedodontics*
- Lorenzo S. Vazzana, B.S., D.D.S., *Part-time Clinical Assistant Professor of Endodontics*
- Douglas Alfred Veazey, B.S., D.D.S., *Part-time Adjunct Assistant Professor of Dental Ecology*
- William Fredrick Via, Jr., D.D.S., M.S., *Professor of Oral Diagnosis, Emeritus*
- Katherine Vig, B.D.S., *Assistant Professor of Orthodontics*
- Peter Siegfried Vig, B.D.S., Ph.D., *Professor of Orthodontics*
- Jeffrey Ralph Vinton, D.D.S., *Assistant Professor of Oral and Maxillofacial Surgery*
- Pendleton Glass Waldron, A.B., D.D.S., M.S., *Part-time Clinical Assistant Professor of Pedodontics*
- Jennifer Wright Walken, B.A., M.S., Ed.D., *Part-time Adjunct Assistant Professor of Dental Ecology*

- Joe Thomas Wall, B.S., D.D.S., *Associate Professor of Operative Dentistry*
- Donald William Warren, B.S., D.D.S., M.S., Ph.D., *Professor and Chairman, Department of Dental Ecology and Professor of Surgery*
- Donna Poteat Warren, B.S. (DATE), *Clinical Instructor of Dental Ecology*
- Robert Lee Warren, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*
- Faye Johnson Watkins, C.D.A., *Part-time Clinical Instructor of Dental Ecology (D.A.)*
- Robert Hugh Watson, B.A., D.D.S., *Clinical Assistant Professor of Fixed Prosthodontics*
- Edgar Leland Webb, B.S., D.D.S., M.S., *Assistant Professor of Fixed Prosthodontics*
- William Philip Webster, B.S., D.D.S., M.S., *Professor of Dental Ecology/Pathology*
- Kermit Cyrus Whaley, B.A., *Assistant Professor of Oral Diagnosis*
- Don Monroe Wheless, A.B., D.D.S., Ph.D., *Assistant Professor of Fixed Prosthodontics*
- Adolphus Gil White, B.S., D.D.S., *Part-time Adjunct Instructor of Dental Ecology*
- James Thomas White, D.D.S., M.S., *Assistant Professor of Removable Prosthodontics*
- \*Raymond Petrie White, Jr., D.D.S., Ph.D., *Dean and Professor of Oral and Maxillofacial Surgery*
- William Daniel Whitsett, A.B., D.D.S., *Part-time Clinical Instructor of Fixed Prosthodontics*
- Aldridge Drane Wilder, Jr., B.S., D.D.S., *Assistant Professor of Operative Dentistry*
- Noah Rouse Wilson, Jr., B.S., D.D.S., *Part-time Clinical Assistant Professor of Operative Dentistry*
- Matthew Thomas Wood, A.A.B., D.D.S., M.S., *Professor and Chairman, Department of Removable Prosthodontics*
- Amy Lee Stambaugh Worthington, B.S., *Clinical Instructor of Dental Ecology (D.H.)*
- Valerie A. Wynn-Hall, B.S. (D.H.), D.D.S., *Adjunct Instructor of Dental Ecology*
- Mitsuo Yamauchi, D.D.S., *Research Associate*
- Stephen Adams Yokeley, B.S., D.D.S., *Part-time Clinical Instructor of Operative Dentistry*

\*Resigned 6/30/81.

Basic Science Faculty

- Carl Elmore Anderson, B.S., Ph.D., *Professor of Biochemistry, Emeritus*  
Emily Stacy Barrow, Ph.D., *Professor of Pathology*  
Philip J. Bassford, B.S., Ph.D., *Assistant Professor of Bacteriology and Immunology*  
Fred E. Bell, A.B., M.A., Ph.D., *Associate Professor of Biochemistry*  
Walter Russell Benson, M.D., *Professor of Pathology*  
Michael Kalen Berkut, B.S., Ph.D., *Professor of Biochemistry*  
Thomas W. Bouldin, A.B., M.D., *Assistant Professor of Pathology*  
Kenneth Merle Brinkhous, A.B., M.D., *Alumni Distinguished Professor of Pathology*  
Hugh Jonathan Burford, B.S., M.S., Ph.D., *Associate Professor of Pharmacology and Teaching Associate in Basic Medical Science*  
John D. Butts, A.B., M.D., *Assistant Professor of Pathology*  
Michael Caplow, D.D.S., Ph.D., *Professor of Biochemistry*  
Charles Noel Carney, A.B., M.D., *Associate Professor of Pathology*  
Margaret A. Cook, B.S., Ph.D., *Research Assistant Professor of Physiology*  
Cary Wayne Cooper, A.B., Ph.D., *Professor of Pharmacology and Pediatrics*  
Herbert Asel Cooper, M.D., *Associate Professor of Pathology*  
James Joseph Crawford, B.A., M.A., Ph.D., *Professor of Endodontics and Lecturer in Bacteriology and Immunology*  
Robert F. Cross, B.S., M.S., Ph.D., *Associate Professor of Pathology*  
Frederic Gilbert Dalldorf, B.S., M.D., *Professor of Pathology*  
Frederick A. Dombrose, Ph.D., *Assistant Professor of Pathology, Biochemistry, and Nutrition*  
Duane A. Dreyer, B.S., Ph.D., *Assistant Professor of Oral Biology/Physiology*  
Fred Wilson Ellis, B.S., M.S., M.D., Ph.D., *Professor of Pharmacology, Emeritus*  
Donald T. Forman, B.S., Ph.D., *Professor of Pathology, Biochemistry, and Nutrition*  
Joachim Dieter Geratz, M.D., *Professor of Pathology*  
George Yancey Gillespie, A.B., Ph.D., *Research Assistant Professor of Pathology*  
Edward Glassman, B.A., M.S., Ph.D., *Professor of Biochemistry*  
John B. Graham, B.S., M.D., *Alumni Distinguished Professor of Pathology*  
Joe Wheeler Grisham, B.A., M.D., *Professor and Chairman, Department of Pathology*  
John E. Hammond, B.S., M.D., *Assistant Professor of Pathology, Medicine, Biochemistry, and Nutrition*  
Philip Francis Hirsch, B.S., Ph.D., *Professor of Pharmacology and Director of Dental Research Center*  
Richard Page Hudson, Jr., A.B., M.D., *Professor of Pathology*  
William Davis Huffines, B.S., M.D., *Professor of Pathology and Associate Dean for Basic Science*  
Joseph Logan Irvin, B.S., Ph.D., *Professor, Department of Biochemistry*  
J. Charles Jennette, A.B., M.D., *Assistant Professor of Pathology*  
A. Myron Johnson, A.B., M.D., *Associate Professor of Pathology and Pediatrics*  
Philip T. Johnson, D.V.M., M.D., *Assistant Professor of Comparative Pathology*  
Leonard B. Kahn, M.D., *Professor of Pathology*  
David Gordon Kaufman, B.A., M.D., Ph.D., *Associate Professor of Pathology, Biochemistry, and Nutrition*  
John Stephen Kizer, A.B., M.D., *Associate Professor of Pharmacology and Medicine*  
David G. Klapper, B.S., M.S., Ph.D., *Assistant Professor of Bacteriology and Immunology*

- Karl A. Koehler, B.S., Ph.D., *Res. Assistant Professor of Pathology*  
Martin Ross Krigman, A.B., M.D., *Professor of Pathology*  
William J. Kuhns, B.S., M.D., *Professor of Pathology*  
Robert Dana Langdell, M.D., *Professor of Pathology*  
John David Leander, B.A., M.A., Ph.D., *Associate Professor of Pharmacology*  
Barry R. Lentz, B.A., Ph.D., *Assistant Professor of Biochemistry*  
Stanley Lipper, M.D., *Assistant Professor of Pathology*  
Roger L. Lundblad, B.S., Ph.D., *Professor of Biochemistry/Pathology/Periodontics*  
Arthur J. McBay, B.S., M.S., Ph.D., *Professor of Pathology*  
Nadia Najla Maloul, B.S., M.D., *Associate Professor of Pathology*  
George Philip Manire, B.S., M.S., Ph.D., *Kenan Professor and Chairman, Department of Bacteriology and Immunology; Dean and Vice Chancellor, The Graduate School*  
Betty Fuller Maxwell, B.A., *Instructor in Bacteriology and Immunology*  
Harvey Edward Mayberry, B.S., Ph.D., *Assistant Professor of Anatomy*  
Jan M. McDonagh, B.S., Ph.D., *Associate Professor of Pathology, Biochemistry, and Nutrition*  
William W. McLendon, A.B., M.D., *Professor of Pathology*  
Gerald L. Mechanic, B.S., M.S., Ph.D., *Professor of Biochemistry and Periodontics*  
Royce Lee Montgomery, B.A., M.S., Ph.D., *Associate Professor of Anatomy*  
Paul Mushak, B.S., Ph.D., *Associate Professor of Pathology*  
Shihadeh Nayfeh, B.Sc., M.S., Ph.D., *Associate Professor of Biochemistry and Pediatrics*  
William Henry Pearlman, B.S., Ph.D., *Professor of Pharmacology*  
Tai-Chan Peng, M.D., *Associate Professor of Pharmacology*  
James R. Pick, D.V.M., *Associate Professor of Pathology*  
Robert L. Reddick, A.B., M.S., M.D., *Assistant Professor of Pathology*  
Howard M. Reisner, B.S., Ph.D., *Assistant Professor of Pathology*  
Richard R. Ridwell, Ph.D., *Assistant Professor of Pathology*  
Dennis W. Ross, B.A., M.D., Ph.D., *Assistant Professor of Pathology*  
Stephen W. Russell, B.S., D.V.M., Ph.D., *Associate Professor of Pathology*  
Robert Willhoite Sealock, B.S., Ph.D., *Assistant Professor of Physiology*  
Richard W. Shermer, B.S., M.D., *Assistant Professor of Pathology*  
Lawrence M. Silverman, B.A., Ph.D., *Assistant Professor of Pathology*  
Myron Simeon Silverman, B.S., M.D., Ph.D., *Professor of Periodontics /Bacteriology and Immunology*  
Sanford A. Stass, B.A., M.D., *Associate Professor of Pathology*  
William Ringgold Straughn, Jr., B.S., M.S., Ph.D., *Professor of Bacteriology and Immunology*  
Walter Erich Stumpf, M.D., Ph.D., *Professor of Anatomy and Pharmacology*  
Richard R. Tidwell, B.A., Ph.D., *Assistant Professor of Pathology*  
Michael D. Topal, B.A., Ph.D., *Assistant Professor of Pathology, Biochemistry, and Nutrition*  
Svein Utheim Toverud, D.M.D., Dr. Odont., *Professor of Pharmacology and Professor of Oral Diagnosis*  
Robert Howard Wagner, A.B., Ph.D., *Professor of Pathology, Biochemistry, and Nutrition*  
David Hughes Walker, A.B., M.D., *Assistant Professor of Pathology*  
William Phillip Webster, B.S., D.D.S., M.S., *Professor of Pathology and Dental Ecology*  
Barry L. Whitsel, M.S., Ph.D., *Professor of Physiology*  
John Eric Wilson, B.S., M.S., Ph.D., *Professor of Biochemistry*



# NOTES



**CALENDAR OF EVENTS\*****Fall Semester 1981**

Registration, Orientation ..... Wednesday-Friday, August 19-21  
First Day of Classes ..... Monday, August 24  
Holiday, Labor Day ..... Monday, September 7  
University Day ..... Monday, October 12, 10:00 A.M.-1:00 P.M.  
Thanksgiving Recess Begins ... Wednesday, November 25, 1:00 P.M.  
Instruction Resumes ..... Monday, November 30, 8:00 A.M.  
Last Day of Classes ..... Friday, December 4, 9:50 A.M.  
Dental Seminar Day ..... Friday, December 4  
Final Exams ..... Monday-Wednesday, December 7-16

**Spring Semester 1982**

First Day of Classes ..... Monday, January 11  
Spring Recess Begins ..... Friday, March 5, 5:00 P.M.  
Instruction Resumes ..... Monday, March 15, 8:00 A.M.  
Holiday, Easter Monday ..... Monday, April 12  
Last Day of Classes ..... Friday, April 30  
Final Exams ..... Monday-Wednesday, May 3-12  
Commencement ..... Sunday, May 16

**Summer Session, 1982**

First Day of Classes ..... Monday, May 17  
Holiday, Memorial Day ..... Monday, May 31  
Last Day of Classes for Third Year Students ..... Friday, June 18  
Holiday, Independence Day ..... Monday, July 5  
Last Day of Classes—  
    First and Second Year Students ..... Friday, July 9  
Final Exams—First Year Students ..... Monday-Tuesday, July 12-13  
Final Exams—Second Year Students .... Thursday-Friday, July 15-16

\*This calendar subject to change.

