# BAYLOR UNIVERSITY COLLEGE OF DENTISTRY

Bulletin of

Education in the Dental Sciences





1971



# THE BAYLOR BULLETIN

# Baylor University, Waco and Dallas, Texas



# THE COLLEGE OF DENTISTRY

# 800 HALL STREET

# DALLAS, TEXAS 75226

# ANNOUNCEMENT FOR THE YEAR OF 1969-1971

This publication and its provisions are not in any way a contract between the student and the College of Dentistry. The College reserves the right to revise any section or requirement at any time.

Volume LII

Summer, 1969

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# BAYLOR UNIVERSITY COLLEGE OF DENTISTRY Dallas, Texas SCHOOL CALENDAR 1969-70

1909	
September 1	Labor Day Holiday
September 8	Monday, registration for sophomores, seniors, dental
	hygiene second year students and graduate students.
September 9	Tuesday, registration for freshmen, juniors and dental
	hygiene first year students.
September 10	Wednesday, 8:00 a.m., first term begins.
November 26	Wednesday, 12:00 noon, Thanksgiving recess begins
	and first term ends.
December 1	Monday, 8:00 a.m., classes resume and second term
	begins.
December 19	Friday, 5:00 p.m., Christmas recess begins.
1970	
January 5	Monday, 8:00 a.m., classes resume.
February 27	Friday, 5:00 p.m., second term ends.
March 2	Monday, 8:00 a.m., third term begins.
March 26	Thursday, 5:00 p.m., Easter recess begins.
March 31	Tuesday, 8:00 a.m., classes resume.
May 14	Thursday, 3:00 p.m., senior grades due in registrar's
	office.
May 19	Tuesday, 3:00 p.m., graduation announcement.
May 24	Sunday evening baccalaureate service.
May 25	Monday, 2:30 p.m., graduation exercises.
May 25-29	Examination week for all classes except seniors.
May 29	Friday, 5:00 p.m., third term ends.
June 1	Monday, 8:30 a.m., summer term begins.
June 3	Wednesday, 3:00 p.m., all grades due in registrar's
	office.
July 31	Friday, 2:30 p.m., deadline for removal of all Condi-
	tion grades.
August 21	Friday, 2:30 p.m., academic term ends, clinics con-
	tinue as scheduled.

Regular clinic hours are 10:00 a.m. to 4:30 p.m., and summer clinic hours are 8:30 a.m. to 2:30 p.m., Monday through Friday. The clinics are closed during holiday periods—Labor Day, Thanksgiving, Christmas, Easter, and July 4. All clinics are closed on graduation day and the third floor clinic is closed during State Board Examinations. Summer clinic hours terminate on Labor Day.

# BAYLOR UNIVERSITY COLLEGE OF DENTISTRY Dallas, Texas SCHOOL CALENDER 1970-71 Tentative

1970	
September 7	Labor Day Holiday.
September 14	Monday, registration for sophomores, seniors, dental
	hygiene second year students, and graduate students.
September 15	Tuesday, registration for freshmen, juniors, and dental
	hygiene first year students.
September 16	Wednesday, 8:00 a.m., first term begins.
November 25	Wednesday, 12:00 noon, Thanksgiving recess begins.
December 4	Friday, 5:00 p.m. first term ends.
December 7	Monday, 8:00 a.m., second term begins.
December 18	Friday, 5:00 p.m., Christmas recess begins.
1971	
January 4	Monday, 8:00 a.m., classes resume.
March 5	Friday, 5:00 p.m., second term ends.
March 8	Monday, 8:00 a.m., third term begins.
April 8	Thursday, 5:00 p.m., Easter recess begins.
April 13	Tuesday, 8:00 a.m., classes resume.
May 13	Thursday, 3:00 p.m., senior grades due in registrar's
	office.
May 18	Tuesday, 3:00 p.m., graduation announcement.
May 23	Sunday evening baccalaureate service.
May 24	Monday, 2:30 p.m., graduation exercises.
May 24-28	Examination week for all classes except seniors.
May 28	Friday, 5:00 p.m., third term ends.
May 31	Monday, 8:30 a.m., summer term begins.
June 2	Wednesday, 3:00 p.m., all grades due in registrar's
	office.
July 30	Friday, 2:30 p.m., deadline for removal of all Condi-
	tion grades.
August 20	Friday, 2:30 p.m., academic term ends, clinics con-
	tinue as scheduled.

Regular clinic hours are 10:00 a.m. to 4:30 p.m., and summer clinic hours are 8:30 a.m. to 2:30 p.m., Monday through Friday. The clinics are closed during holiday periods—Labor Day, Thanksgiving, Christmas, Easter, and July 4. All clinics are closed on graduation day and the third floor clinic is closed during State Board Examinations. Summer clinic hours terminate on Labor Day.

# ADMINISTRATIVE STRUCTURE

The Board of Trustees of Baylor University is composed of 48 members elected by the Baptist General Convention of Texas. The President of Baylor University is the chief executive officer and is responsible to the Trustees for the administration of the total university system. The Dallas Board of Trustees of Baylor University is composed of the twelve Trustees of Baylor who reside in Dallas County and three Trustees-at-Large. The Dallas Board is responsible for the management and administration of all units of Baylor University located in Dallas. The Dean of Baylor University College of Dentistry is responsible for the internal administration of the college including all faculty and academic affairs. The Dean is responsible to the Vice-President of Baylor University in Dallas, the University President, and the Dallas Board of Trustees.

#### DALLAS BOARD OF TRUSTEES OF BAYLOR UNIVERSITY

MR. W. DEWEY PRESLEY, Chairman JUDGE CLAUDE WILLIAMS, Vice-Chairman MR. DONALD E. BOWLES, Secretary MR. GEORGE C. ANSON MR. CARL B. CASEY REV. CHARLES L. COCKRELL REV. LESTER B. COLLINS, JR. MR. JAMES L. ERWIN MR. JAMES L. ERWIN MR. OMAR HARVEY MR. HERMAN W. LAY REV. BRUCE MCIVER MR. CHARLES E. WATSON

#### OFFICERS OF ADMINISTRATION

ABNER V. MCCALL, B.A., LL.M., LL.D.	President
BOONE POWELL, LL.D., F.A.C.H.A.	
KENNETH V. RANDOLPH, B.S., D.D.S., F.A.C.D.	Dean
JACK G. BISHOP, B.S., M.S., Ph.D.	Assistant Dean
WALTER C. STOUT, D.D.S., F.A.C.D.	Assistant Dean
MARCEL C. CAROL, B.A., M.S.	Librarian
JOHN L. HODGES, B.A.	
ВЕТТУ Ј. SCOTT, В.А.	
GLADYS YATES, B.S., B.A.	Director, Public Information
FRANK CULLUM	Student Aid Officer

# GENERAL INFORMATION

Philosophy. Baylor University seeks to provide a democratic and Christian atmosphere on campus and in classrooms and laboratories, whereby students and faculty may work together with inquiring minds in the discovery and propagation of ideas. Students are taught to think for themselves, to develop intellectual curiosity, and to be self-reliant in their search for truth. The College of Dentistry affirms and supports this fundamental premise.

Because this is a professional school, emphasis is placed on those skills inherent in its field. In additon, students are urged to understand patients as whole persons and to minister to their needs intellectually and spiritually as well as physically. This college maintains that Christian faith implemented by professional skills prepares students for more effective living personally and in society.

The faculty and administration conceives of dentistry as a service directed toward promoting optimum dental health for individuals, families, and society. Its programs of training are designed to prepare practitioners for all fields of service in dentistry; to lay foundations for professional leadership, advanced professional study, and leadership in the community; and to strengthen foundations for Christian service.

Churches founded and supported the first colleges in this nation. The first college of dentistry had its beginning in the sanctuary of a Baptist church. The College of Dentistry is a unit of Baylor University which is under the control of the Baptist General Convention of Texas.

# Objectives of the Curriculum.

- 1. The impartation of a basic foundation of knowledge of normal and pathological human biology, upon which the student may efficiently build to implement effectively his professional skills.
- 2. The development of scientific skills and methodology to diagnose and treat diseases of the oral cavity and related structures.
- 3. The fostering of an attitude of critical inquiry which will lead the student to a life of continuing intellectual self-renewal. This philosophy of personal development should include the humanities as well as the sciences.
- 4. The development of a profound sense of responsibility to his fellow man which should characterize all of his professional and personal life.

Historical Statement. In 1845 Baylor University was chartered by the Republic of Texas, being the first university organized in the State. In 1886 it was rechartered, placed under the control of the Baptist General Convention of Texas and located at Waco in consolidation with Waco University. From time to time the University acquired the College of Medicine, University Hospital, and the School of Nursing. In 1918 the Board of Trustees took over the College of Dentistry. It had been organized at Dallas in 1905 and was known as the State Dental College. The College of Dentistry is an integral and coordinate part of Baylor University.

The Caruth School of Dental Hygiene opened in September, 1955. Both the College of Dentistry and the Caruth School of Dental Hygiene are fully approved by the Council on Dental Education of the American Dental Association.

Buildings and Equipment. The College of Dentistry is located in the central part of the city and is adjacent to Baylor University Medical Center.

The building is a four-story, brick structure which is completely air conditioned, making an ideal work and study environment the year round. The building was constructed in three phases:

(1) the clinic wing was occupied in January, 1950, and houses most of the clinical departments as well as the technique laboratories, one classroom and the Department of Visual Education.

(2) the basic science wing was occupied in September, 1954, and houses the Caruth School of Dental Hygiene, administrative offices and classrooms as well as modern, well-equipped basic science departments.

(3) the research-training wing was occupied in September, 1960, and houses the museum, classrooms, graduate and research activities, and a modern animal care facility.

There are in excess of 200 dental treatment stations available in the various clinics for student use in providing patient care.

The basic science laboratories are equipped with modern microscopes, recorders, and other equipment, including an electron microscope.

Housing. The College of Dentistry does not provide dormitory residence for dental students. There are adequate housing facilities apartments and rooming houses — available near the campus. Because new students frequently find more convenient housing accommodations after registration, it may be wise to consider temporary housing arrangements. Often, several single students rent an apartment and live together in order to keep living costs at a minimum. Availability of Patients. Location of the College of Dentistry in Dallas provides an abundance of clinic patients. This affords the student ample opportunity to gain an insight into all types of dental conditions with which he will be confronted when he opens his own practice. The course of instruction is so arranged that the greater part of the student's time during his junior and senior years can be spent working in the clinics, thus securing the clinical experience so necessary for a dentist.

Museum. The new dental wing has space allocated on the second floor for the museum which contains dental instruments, equipment, and records collected over a period of many years. Visitors are welcome, by appointment, to view this unusual collection of material which is constantly being supplemented by additional donations. Proper credit is given the donor for material given to the museum. A visit to the museum illustrates the rapid development and progress of the dental profession. Baylor University College of Dentistry takes pride in the Lentz, Spalding, Merritt, Nash, and other priceless collections.

The Library. The dental library is part of the Baylor in Dallas Library which includes the medical and nursing collections. Our combined holdings total over 17,000 volumes. Currently the library receives 577 periodicals. The library houses the Ruth and Lyle Sellers collection of early medicine and science.

Visual Education Department. The Visual Education Department provides assistance in instruction, publication, exhibition and thesis preparation. It produces illustrations, lantern slides, and photographic prints. Closed circuit television and an indexed file of negatives and lantern slides are provided as additional teaching services.

Publications. THE BULLETIN is the official catalog of the College and includes announcements of courses of study. It is mailed free of charge to those who request it.

THE JOURNAL is the official publication of the College of Dentistry Alumni Association and is published annually.

THE BURR is the College annual presenting various phases of College activities. It is edited and published by the College with the cooperation of the faculty and student body.

Alumni Support. The Century Club is an organization of alumni and friends of Baylor University College of Dentistry who have pledged \$100.00 or more per year for the support of dental education and the capital needs of the College of Dentistry.

# ADMISSIONS

Aptitude test. Applicants will be required to take the American Dental Association Aptitude Test and make an acceptable score. The test is given in January, April, and October. It is very desirable that this test be taken in April prior to submitting the application so that the test scores will be available to the Committee on Admissions when the application is processed or as soon thereafter as possible. A brochure on this testing program and application for taking the test may be obtained from the Office of the Registrar.

# Required courses.

- 1. For many years Baylor has required a minimum of ninety semester hours. A large majority now complete a degree before coming to the dental school. No more than 60 semester hours of lower division courses will normally be accepted.
- 2. Required courses include:

	semester hours
English	6
Inorganic Chemistry	
Organic Chemistry	8
Biology or Zoology	
Physics	8

3. Comparative anatomy and embryology are strongly recommended. Other suggested electives are: additional English, reading improvement, psychology, sociology, bookkeeping, genetics, speech, and a foreign language.

Combined academic and dental degree. A student who completes specific requirements at Baylor University, Waco, may qualify for the bachelor of science degree. In order to be eligible for the combination degree, students who transfer from other colleges must complete at least 42 of the required 94 semester hours of prescribed work at Baylor University in Waco. The last 30 semester hours must be taken at Baylor University. This program is offered only in cooperation with Baylor College of Dentistry.

A similar combination degree may be granted from certain other colleges and universities. This must be confirmed by the school where the combination degree is being sought.

# Procedure for making application.

- 1. Obtain application materials from the Registrar and return as instructed. It is to the advantage of the applicant to submit the application one year prior to the expected date of admission. An application is valid for one year only.
- 2. Transcripts must be sent from each college the applicant has attended. High school transcripts are not required.
- 3. Recommendations are required from the predental committee, a minister, and a dentist. In a college where there is no predental advisory committee, a recommendation from an individual instructor in biology and chemistry will be accepted.
- 4. A list of courses in progress and those anticipated should accompany the application.
- 5. When all materials have been received and evaluated, the applicant may be requested to appear for an interview.
- 6. It is the responsibility of the applicant to keep his file up-to-date. Failure to supply grade reports, transcripts, or recommendations is indication that the applicant is no longer interested in admission.

Bases for acceptance. The quality of scholarship is the first point of consideration. The Grade Point Average and the Dental Aptitude Test are the primary factors used in evaluation. Good health, excellent eyesight, good manners, a pleasing personality, clean personal habits, motivation toward dentistry, and a genuine concern for human welfare are also factors that are considered.

Preference is given to those students with high scholastic averages, to those who have degrees, to those whose grades and hours in the basic sciences are above average, to those with above average aptitude test scores, and to residents of Texas and the surrounding states that do not have a college of dentistry.

**Response to application.** The Committee on Admissions begins a review of applications in July and the procedure continues until the class is filled. Each applicant who completes his application may expect a response when a decision is made. In no case will an applicant be notified of acceptance before December 1 prior to September registration.

Prior to enrollment the applicant is asked to submit evidence of a complete physical examination. A form for this purpose will be sent for the student to present to his physician. Vaccination against smallpox is required and immunization against typhoid-paratyphoid fevers, polio, and influenza is strongly recommended.

**Transfer students.** A student transferring from another dental school in the United States may be granted advanced standing at the discretion of the committee on admissions. Transfer students are considered only in very unusual circumstances and are required to submit the following: (1) reason for requesting transfer; (2) a letter of clearance or recommendation from the dean of the dental school attended; (3) transcripts of both predental and dental school work; and (4) a copy of the ADA aptitude test results.

Matriculation and registration. All students are required to register on the dates specified in the calendar. A matriculation fee of \$10.00 is required of every student upon first admittance to the College. New students who fail to report for registration at the specified time may lose their place in the class unless they have previously received permission for late registration.

Clinic Experience is an important area of the Student's Training.



#### COLLEGE OF DENTISTRY

# FEES AND EXPENSES

Tuition. The tuition and fees for the student in the College of Dentistry are set by the Administration with the approval of the Board of Trustees and may be adjusted as economic conditions warrant.

The freshman class which enters in September, 1969, will pay tuition in the amount of \$1,500 per year. Other classes will continue to pay the same tuition that they paid upon entrance. A student who returns after an absence or repeats a year will pay the tuition applicable for the class he enters. The tuition is payable in three installments; one at the beginning of each term.

# Other Fees and Deposits.

Admission Deposit: Payable upon notification of acceptance as	
a student. The deposit will be applied to the first term's tui-	
tion, but is not refundable\$	;100.00
Application: To accompany the application form for admission.	
Not refundable	15.00
Reapplication	5.00
Duplicate Diploma	20.00
Graduation: Payable at the beginning of the third term of the	
senior year	25.00
Late Registration: Failure to register, even if only the payment	
of fees is involved, on the day set aside for a respective class,	
necessitates the assessment of this fee. If registration has not	
been completed within five class days, the student will not be	
permitted to attend classes until satisfactory arrangements	
have been made through the office of the Dean	10.00
Class Absence: Assessed for absence for day preceding or follow-	
ing a scheduled holiday	10.00
Identification Card: Issued by the office of the registrar and	
required of all newly enrolled students	1.00
Lost Keys: Each	2.00
Deficiency Make-up: For special clinical or examination re-	
quirements necessary for a student to receive credit for a	
course — such as removal of condition	15.00
Returned Check: Assessed for each check returned from the	
bank regardless of the reason for non-payment	1.00
Transcript: Incomplete copy (before degree) for grade report	
use, each copy	.50
Complete copy (after degree) first copy free, each subsequent	
сору	1.00

Books, Equipment, and Supplies. Students are required to purchase their own textbooks and instruments which become their personal property and are taken with them when they graduate. In addition to the better opportunity for study and work afforded while at college by individual possession, these items will serve as a nucleus of a future dental office and library. Each student is expected to purchase and retain new books and instruments as required by the official school lists. He must maintain instruments and apparatus in good condition. Lockers are provided for the keeping of such equipment. Books and instruments are secured at the school on the day of registration. The student will find it necessary to buy technic material and supplies from time to time during the course. This expense cannot be accurately estimated.

The estimated cost for the four-year curriculum follows:

	Books	Instrument	s Total
First Year	\$275.00	\$1,200.00	\$1,475.00
Second Year	230.00	1,700.00	1,930.00
Third Year	140.00		140.00
Fourth Year	60.00		60.00
Total	\$705.00	\$2,900.00	\$3,605.00

Loan Funds. The College of Dentistry participates in several types of loan programs. Financial aid is available to the student who can establish a definite need for financial assistance. Application for aid with confirmation of need must be submitted not later than July 1 to be considered for the following school year.

Special funds are available for dental hygiene students from the *Texas Dental Hygienists' Association Loan Fund* and the *Harold B. Younger Loan Fund*.

Detailed information is available through the Student Aid Office.

# STUDENT ACTIVITIES

Junior American Dental Association. There is a Junior American Dental Association group at Baylor University College of Dentistry. Dental students at Baylor automatically become junior members of the Association and receive the monthly journal. Student membership should encourage graduates to become active in their local dental societies. Dental Student Council. The Student Council is composed of the respective class presidents and two elected members from each class. The purpose and objectives of the council are to represent the student body to the faculty; to coordinate, evaluate, and present suggestions and problems arising in the laboratories and clinics; and finally, to propose any change which might result in mutual improvement for the school and the students.

**Religious.** Campus religious activities are sponsored by the Baptist Student Union which is the denominational organization for spiritual ministry to the students. Its leadership is carried on by students under the guidance of a full-time Director of Student Religious Activities.

Although it is a denominational organization, the Baptist Student Union recognizes the many other denominations represented in the student body and strives to provide a Christian ministry for all faiths. It endeavors to emphasize religion as an important phase of student training and as a continuing relationship throughout professional life.

The different phases of student ministry include chapel services and devotional periods, various study groups, the College Chorus and ensemble groups, periodic off-campus retreats, social activities scheduled throughout the year, and Christian Emphasis Week.

College Chorus. A unique feature in the program of activities for students is the College of Dentistry chorus. The chorus is open to all dental students and to students of the Caruth School of Dental Hygiene and is sponsored jointly by Baylor University College of Dentistry and the Baptist Student Union. The chorus uses a repertoire of both secular and religious music and performs for school functions, churches, and civic organizations.

Athletic. The college participates in the City Commercial Leagues in both softball and basketball and has had many outstanding athletes. Several league championships have been won. The College also has a touch-football team. These activities are for the students and anyone interested may have the opportunity to play. The teams are sponsored by faculty and staff personnel.

# STUDENT REGULATIONS

Attendance. Regular attendance in all courses is required. Students are expected to be present at the assigned hour. Tardiness may be counted as an absence at the discretion of the teacher responsible for the course. Penalties for excessive absences are determined by the faculty council. A ten dollar (\$10.00) daily penalty is assessed for absences the day before and the day after a holiday.

**Conduct.** Conduct on the part of a student in the College of Dentistry is expected to be that appropriate for one who aspires to the highest degree of professional attainment and in keeping with the Christian ideals of Baylor University. The principles of moral soundness, courtesy, honesty, and altruism are expected to be followed at all times.

The faculty may dismiss any student for improper conduct.

Guidance. The Dean and members of the faculty will provide counseling and guidance in professional and personal matters. All students are urged to avail themselves of this service since these men have wide experience in student problems. If problems arise, students are urged to seek help. Many serious difficulties can be avoided if early assistance is sought.

Each student is assigned to one of the four advisors for his class. These are teachers who are primarily concerned with teaching the subjects taken by that class.

Advisors are concerned about any matters which may affect academic progress. They are available for counseling on both academic and personal problems. Advisors will distribute term grades to students, at which time help may be offered.

The student who may be having academic difficulty in any partiticular course is encouraged to seek the counsel of the teacher of the course and his assigned advisor.

**Employment.** The Dental College and School of Dental Hygiene discourage students from holding any outside employment which, in the opinion of the faculty, may be detrimental to the pursuit of their education. All students who are employed must notify the proper authorities in the school, stating the hours and days of work and the place of employment. In no case may a student accept a position which conflicts with his regularly scheduled school hours. When scholastic progress is questionable, students may be asked to discontinue outside work.

# SCHOLARSHIP

Grading system. A — Excellent, B — Good, C — Average, D — Below Average, E — Condition, F — Failure, I — Incomplete.

The Grade Point Average (GPA) is based upon the 4.0 system where 4.0 is an A, 3.0 is a B, etc.

The grade of Incomplete is used when, for reasons beyond the control of the student, all course requirements were not met within the prescribed time. The grade of Incomplete will automatically become a Failure if not removed before the end of the following quarter.

The grade of Condition means marginal accomplishment demanding additional study and effort in order to demonstrate passing proficiency.

A Condition automatically becomes a Failure if not removed by July 31 following the termination of the academic year.

Removal of the Condition will result in a permanent grade of C, D, or F.

Student promotion. Policies on scholarship and promotions are established by the Dean and the Faculty Council. A scholarship committee consisting of the Dean and the teachers responsible for courses in a given year reviews the status of the students and makes decisions in conformity with the policy. Any exceptions to these policies require action by the Dean and the Faculty Council.

Students are eligible for unconditional promotion if they have passed all subjects and have earned a GPA as follows:

1.65	
1.85	cumulative
2.00	cumulative
2.00	cumulative
	1.85 2.00

Students who pass all subjects, but who fail to meet the required GPA for unconditional promotion, *may be* placed on academic probation for one year if the GPA falls within the following ranges:

Freshmen	1.5 — 1.64 cumulative
Sophomores	1.7 — 1.84 cumulative
Juniors	1.9 - 1.99 cumulative

Students may be permitted to attempt removal of a maximum of 14 hours of condition or to repeat a maximum of 14 hours of failure provided that these deficiencies are limited to no more than three courses and that all other grades during the year equal a 2.0 GPA. A minimum grade of C is required to remove a failure under these conditions.

A student who does not meet all promotion requirements will automatically be suspended. With the approval of the Dean and the Scholarship Committee, a suspended student may apply for reinstatement.

**Requirements for graduation.** To receive the degree of Doctor of Dental Surgery a candidate must have attained the age of twenty-one years and be of good moral character. He must have satisfactorily completed the prescribed courses of study, passed the examinations therein, and complied with all technical, laboratory, and clinical requirements.

HONORS AND AWARDS. The highest scholastic award is a gold medal which is given to the student who has attained the highest cumulative grade point average for the four years of study. The first, second, third, and fourth ranking students receive a *certificate* in recognition of scholastic achievement. Awards are presented to students who have demonstrated outstanding proficiency in selected subject areas of the College of Dentistry.

Omicron Kappa Upsilon (OKU) is the national dental honor society and was founded in 1914 for the purpose of promoting scholarship among dental students. The Omicron Chapter was established at Baylor in 1925. Membership in the society is voted annually by the faculty members to twelve per cent of the graduating class. The key, which is symbolic of the society, is awarded to each newly-elected member. This election is based upon the merit of the individual student and all nominations are made from those who rank in the upper twenty per cent of the class.

The Odontological Honor Society was founded in 1959 on this campus and it is the only honor society to which a student may be elected while in school. The new members are elected by the society from the junior class on the basis of scholarship, character, and participation in school activities.

# CURRICULUM

# Freshman Year

Clock Hours by Term							Total Credit
Course Lect.	Lab	Lect.	Lab	Lect.	Lab	Clinic Hours	Hours
500 Biochemistry 33	33	33	33	22			10
501 Dental Anatomy 11	33	11	33	11	33		6
502 Dental Materials 11	33	11	33	11	33		6
503 Gross Anatomy 33	66	22	66	22	66		13
504 Histology 22	33	22	33	22	33		9
505 Microbiology		11		22	33		5
506 Orientation 11							0
507 Preventive Dent 11		11		11		11	(1st) 3
508 Roentgenology		11	11	22	11		4

# Sophomore Year

525 Anesthesiology					11			1
527 Endodontics					11	33	;	2
526 Fixed Partial Pros	. 22	66	11	66	11	66	10	0
528 Gen. Pathology	. 22	66	22	66			:	8
529 Operative Dent.		66	11	66	11	66		9
530 Oral Diagnosis					11		11 (3rd)	1
531 Oral Pathology					11	33	:	2
532 Orthodontics					11			1
533 Pedodontics			11			22	:	2
534 Periodontics					11			1
535 Pharmacology					11	22	:	2
536 Physiology	33	55	33	55			10	0
537 Prosthodontics	. 22	66	11	66	11	66	10	p

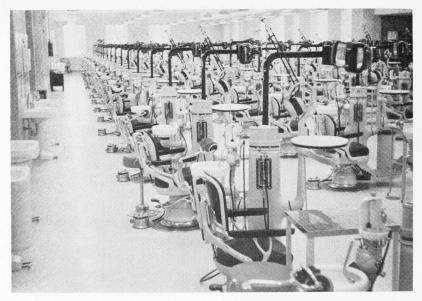
# Junior Year

	11		1
		40	2
11		120	5
	11		1
11	11	240	9
		80	3
11			2
11	11	60	4
11	11	22	3
11		40	3
11	11	90	5
22	22		6
11	11	150	7
		30	0
	11 11 11 11 11 11 11 22 11	$\begin{array}{cccc} & & 11 \\ 11 & & 11 \\ 11 & & 11 \\ 11 & & 11 \\ 11 & & 11 \\ 11 & & 11 \\ 11 & & 11 \\ 22 & & 22 \\ 11 & & 11 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

# Senior Year

575	Anesthesiology	11				1
590	Dental History		11			1
289	Endodontics	11			80	3
582	Ethics and Juris,		11			1
576	Fixed Partial Pros.	11	11		175	6
591	Nutrition			- 11		1
579	Operative Dentistry	11		11	175	6
281	Oral Diagnosis		11		50	2
580	Oral Surgery	11	11	11	80	5
578	Orthodontics		11	11	20	2
583	Pedodontics			11	80	3
584	Periodontics	11	11		60	3
585	Practice Adminis.	11				1
587	Principles of Med.		11	11		2
5/1	Prosthodontics	11	11		175	6
586	Public Health	11				1
	Roentgenology				<b>`</b> 0	ō
	Seminar			11	•	Ō

• Clinic hours for each subject in junior and senior years estimated.



Third Floor Clinic

# COURSES OF INSTRUCTION

Numbers have been arbitrarily assigned within a designated pattern. Freshman courses are numbered from 500-524, sophomore from 525-549, junior from 550-574, and senior from 575-599. The academic period during which a course is presented is indicated by Roman numerals; Fall—I, Winter—II, and Spring—III. When an academic year of instruction is required for course credit the abbreviation "Yr." will be used. The number immediately preceding the descriptive statement indicates the quarter-hour value.

# PRE-CLINICAL

- 500 BIOCHEMISTRY. Yr.; 10 hrs. Lectures and laboratory exercises on the chemistry and metabolic processes of the human body.
- 501 DENTAL ANATOMY. Yr.; 6 hrs. A study of the form and function of human dentition. Laboratory projects will include drawing and carving teeth to scale, restoring tooth form in wax to normal relation with adjacent and opposing teeth, and identification of extracted natural teeth.
- 502 DENTAL MATERIALS. Yr.; 6 hrs. A lecture and laboratory course on the physical properties and manipulative procedures for materials used in dentistry.
- 503 GROSS ANATOMY. Yr.; 13 hrs. A systematic study of the gross morphology of the human with special emphasis on the head and neck. Laboratory dissection of the cadaver is a vital part of this course.
- 562 NUTRITION. III; 1 hr. A study of human nutritional requirements with emphasis on biochemical functions of diet constituents.

- 504 HISTOLOGY GENERAL AND ORAL HISTOLOGY. Yr.; 9 hrs. An introductory course in the microscopic characterization of cells, tissues, and organ systems. Particular emphasis is placed upon the dental and supporting tissues. Laboratories include microscopic examination of typical human tissues.
- 505 MICROBIOLOGY. II, III; 5 hrs. Lectures cover bacterial, mycotic and viral metabolism, immunology, parasitology, sterilization, antibiotics, and oral diseases of microbial origin. In the laboratory course the students learn methods of staining, cultural characteristics of microorganisms, and tests for determining effectiveness of germicides and antibiotics.
- 507 PREVENTIVE DENTISTRY. Yr.; 3 hrs. The cause and prevention of oral disease. Oral Hygiene and other preventive procedures necessary for good oral health.
- 508 ROENTGENOLOGY. II, III. 4 hrs. The study of ionizing radiation plus clinical experience on skulls and on classmates.
- 525 LOCAL ANESTHESIOLOGY. III; 1 hr. Review of pharmacology and anatomy as related to local anesthesia. Techniques and procedures for administration of local anesthetics and supportive drugs. Illustrated by lecture, slides, models, and closed-circuit television.
- 526 FIXED PARTIAL PROSTHODONTICS. Yr.; 10 hrs. The student is introduced to the theory and technique involved in the design and fabrication of various types of fixed prosthodontic restorations. Various projects are performed in the laboratory on composition teeth mounted in a dentoform
- 527 ENDODONTICS. III; 2 hrs. A lecture and laboratory course covering basic fundamentals of root canal therapy. Manipulation procedures are performed on extracted teeth mounted in plaster blocks.
- 528 GENERAL PATHOLOGY. I, II; 8 hrs. The fundamental principles of disease processes are studied utilizing the basic gross and microscopic tissue changes. Basic pathologic processes, clinical symptoms, and laboratory findings are correlated. Projected photographic illustrations and microscopic slides are used.
- 529 FUNDAMENTALS OF OPERATIVE DENTISTRY. Yr.; 9 hrs. A lecture and laboratory course in which students are taught procedures for treating diseased and injured teeth. Cavity preparation and the manipulation of restorative materials are emphasized.
- 530 ORAL DIAGNOSIS. III; 1 hr. Clinical routine, procedures and patient diagnosis charting.
- 531 ORAL PATHOLOGY. III; 2 hrs. The etiology and histopathology of dental caries, pulpal diseases, developmental anomalies and periodontal diseases are discussed. Microscopic sections are examined and drawn in the laboratory.
- 532 ORTHODONTICS FUNDAMENTALS. III; 1 hr. Lectures on the growth and development of the craniofacial skelton, on normal occlusion, and on dental and skeletal malocclusions.
- 533 BASIC PEDODONTICS WITH INTRODUCTION TO TECHNICS. II, III; 2 hrs. Students are oriented in the basic concepts of dentistry for children by the use of lectures and slides. Laboratory instructions include the use of models and the typodont in performing pedodontic procedures.
- 535 PHARMACODYNAMICS. III; 2 hrs. A laboratory course with emphasis placed on the observation and recording of drug effects as related to their mechanism of action.
- 536 MAMMALIAN PHYSIOLOGY. I, II; 10 hrs. Theory and principles of body function. The lectures stress human physiology. Many of these principles are demonstrated by classical laboratory exercises.
- 537 INTRODUCTORY PROSTHODONTICS. Yr.; 10 hrs. The student is oriented into complete and partial denture concepts and techniques. Technical experience is gained by fabricating dentures using a manikin as the patient.
- 558 ORTHODONTIC TECHNIQUES. II, III; 3 hrs. Impression technique, model trimming, and construction of basic orthodontic appliances. Course includes lecture and laboratory instruction.

# CLINICAL

- 534 INTRODUCTORY PERIODONTICS. III; 1 hr. The student is introduced to the problems involving the oral soft tissues. Clinical experience is gained by using classmates as patients.
- 550 INTRODUCTORY ORAL SURGERY. Yr.; 4 hrs. Principles of surgery, history taking, physical examination, and diseases of the mouth. Didactic instruction in the techniques and operative procedures to be performed in and about the oral cavity. Illustrated by lecture, slides, models, and closed-circuit television.
- 551 ADVANCED ORAL PATHOLOGY. I, II; 2 hrs. The pathogenesis, clinical and microscopic features of inflammatory degenerative diseases, neoplasms, and oral manifestations of systemic conditions are discussed in detail.
- 552 DENTAL AUXILIARY UTILIZATION. III; 1 hr. This course is designed to give the student instruction and practice in maximum utilization of the dental assistant in his office. Students are taught by the use of films, slides, lectures, seminars, and demonstrations.
- 553 CLINICAL ENDODONTICS. Yr.; 2 hrs. This course includes instruction in the diagnosis and treatment procedures involved in treating the diseases of the pulp. Clinically, the student performs various endodontic procedures included in lectures.
- 554 PERIODONTICS. Yr.; 5 hrs. Periodontal diseases and their treatment are discussed in detail. The student treats patients in the periodontics clinic.
- 555 PHARMACOLOGY. Yr. 6 hrs. A general course in pharmacology presenting the fundamental principles of drug action and use. Emphasis will be placed on those therapeutic agents related to dentistry.
- 556 FIXED PARTIAL PROSTHODONTICS. Yr.; 5 hrs. Additional theory with emphasis on biological, physiological, anatomical, and esthetic factors related to diagnosis and treatment planning in fixed prosthodontics. The student treats several clinical patients.
- 557 PARTIAL AND IMMEDIATE DENTAL PROSTHODONTICS. Yr.; 7 hrs. A comprehensive presentation of techniques for the fabrication of removable partial and immediate dentures is offered. Practical experience in denture techniques is gained through the treatment of patients in the clinic.
- 559 OPERATIVE DENTISTRY. Yr.; 9 hrs. Students receive instruction in the clinical application of operative dentistry procedures. The course consists of a didactic phase supported by extensive practical experience in patient care.
- 560 PEDDODNTICS. Yr.; 3 hrs. Treatment planning and child management together with the various approaches to pedodontic problems will be discussed. These concepts will be illustrated through slides, films, and lectures, and through clinic practice.
- 561 ORAL DIAGNOSIS. Yr.; 3 hrs. The clinical manifestations of diseases of the oral cavity. Includes didactic and clinical instruction.
- 575 ANESTHESIOLOGY. I; 1 hr. A series of classroom lectures on the use of general anesthesia in dentistry. Clinical and audio-visual demonstrations supplement the instruction.
- 576 ADVANCED FIXED PARTIAL PROSTHODONTICS. Yr.; 6 hrs. A discussion of various occlusal rehabilitation techniques and theories. There is extensive emphasis on clinical care of patients.
- 577 COMPLETE DENTURE PROSTHODONTICS. Yr.; 6 hrs. The health of the oral cavity as it pertains to denture patients is discussed. Various theories and techniques are presented. The student continues to treat denture patients during the clinic hours.
- 578 ORTHODONTICS TREATMENT PHILOSOPHY. Yr.; 2 hrs. Lectures and clinical demonstrations to cover case analysis and treatment planning; the role of dental practitioners in detection, interception, and treatment; and, basic cephalometrics with emphasis on skeletal and dental malocclusions.

- 579 ADVANCED OPERATIVE DENTISTRY. Yr.; 6 hrs. The lectures concern the latest methods in operative dentistry including high speed, occlusion, and other materials. Clinical practice is continued throughout this year.
- 580 ADVANCED ORAL SURGERY. Yr.; 5 hrs. Didactic and clinical instruction in management of patients with oral and systemic diseases. Special hospital case presentation affords hospital experience and orientation for the student.
- 581 ORAL DIAGNOSIS. Yr.; 2 hrs. Symptoms, diagnosis, and management of the oral diseases most frequently seen in a general dental practice.
- 483 PEDODONTICS. Yr.; 3 hrs. Classroom lectures in more advanced pedodontic procedures. Each student is required to carry at least two patients to complete oral rehabilitation.
- 584 ADVANCED PERIODONTICS. Yr.; 3 hrs. Management of severe and advanced periodontal lesions is considered, including therapy and prognosis. In the clinic, more advanced cases of periodontal diseases are treated.
- 587 PRINCIPLES OF INTERNAL MEDICINE. II, III; 2 hrs. The student is introduced to the principles and methods of physical examination, which is then followed by a review of the diagnosis and treatment of disorders of organ systems.
- 589 ADVANCED ENDODONTICS. Yr.; 3 hrs. Clinic group instruction in the more difficult procedures of endodontic therapy is stressed.
- 591 CLINICAL NUTRITION. II; 1 hr. Basic fundamentals in diet analysis as applied to clinical patients with suspected nutritional problems.

# SUPPORTING

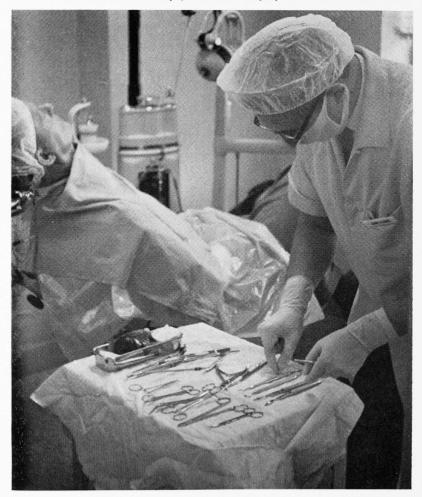
- 506 ORIENTATION. A non-credit series of lectures designed to give new students guidance about matters pertaining to the profession they have chosen.
- 582 DENTAL JURISPRUDENCE AND ETHICS. II; 1 hr. This course is designed to acquaint the students with those aspects of the law which concern the dentist and his practice. The principles of ethics as stated by the American Dental Association are studied in detail.
- 585 PRACTICE ADMINISTRATION. I; 1 hr. A lecture course in the basic concepts of practice management. Business aspects, personnel selection and use, as well as patient relationships are included.
- 586 INTRODUCTORY DENTAL PUBLIC HEALTH. I; 1 hr. A study of the concepts, principles, and practice of dental public health. Emphasis is placed on the methods and problems involved in the delivery of dental health services to the community.
- 590 HISTORY OF DENTISTRY. II; 1 hr. The student is made aware of the earliest records of dentistry and the development of the profession in the United States and throughout the world.

#### COLLEGE OF DENTISTRY

# GRADUATE AND POSTGRADUATE PROGRAMS

Graduate degree programs available at Baylor University College of Dentistry are under the supervision of the Graduate School of Baylor University and conform to all of the requirements and standards as set forth for graduate degrees in other fields.

Ready for Dental Surgery



Master of Science (M.S.) degrees are offered by the departments of Anatomy, Biochemistry, Microbiology, Oral Pathology, and Physiology. These degrees require a minimum of one academic year of residence during which a minimum of 45 quarter hours must be accumulated.

Master of Science in Dentistry (M.S.D.) degrees are offered in Oral Surgery, Orthodontics, Pedodontics, and Periodontics. These programs demand proficiency in a specific clinical area and, for this reason, extend over a period of a minimum of two years. The masters degree student should plan to devote full time to his studies during his period in residence. The maximum time permitted for the completion of any masters degree is five years.

Doctor of Philosophy degrees are offered in Anatomy, Microbiology, and Physiology. These programs are directed by the Assistant Dean of graduate studies, who is responsible to the Dean of the Graduate School. Requirements for the Doctor of Philosophy degree are detailed in the Baylor University Graduate School bulletin which may be obtained by writing to the Dental School. Candidates for the Ph.D. degree may pursue a second minor in an approved clinical discipline in order to prepare for a specialty board.

In addition to the graduate degrees, postgraduate (certificate) programs are offered in Endodontics, Oral Surgery, Orthodontics, Pedodontics, and Periodontics. These offer advanced programs permitting a greater concentration in the area of clinical specialization in lieu of the research and thesis requirement for the degrees. These serve to prepare the student for specialty board certification. Postgraduate residency programs are under the direct supervision of the Dean of the Dental College and the Graduate Council of Baylor University College of Dentistry.

Admission requirements for postgraduate programs parallel the standards set forth for graduate programs as detailed in the Graduate Bulletin. Academic and clinical requirements are also comparable to the corresponding graduate program.

A limited number of teaching assistantships, research assistantships, and research fellowships are available in both basic and clinical sciences. These are awarded on a competitive basis.

Applications for admission to graduate and postgraduate programs should be submitted prior to November 1 in order to complete class selection by January 15. For information concerning these programs write to Director of Graduate Studies.

# COLLEGE OF DENTISTRY

# Caruth School of Dental Hygiene Officers of Administration

KENNETH V. RANDOLPH, B.S., D.D.S., F.A.C.D., Dean RUTH R. SWORDS, B.A., B.S., D.D.S., Director DORIS E. MACKEY, Registrar



# COLLEGE OF DENTISTRY GENERAL INFORMATION

Caruth School of Dental Hygiene, an integral part of Baylor University College of Dentistry, was equipped in 1954 through a generous gift from the Caruth Foundation of Dallas and Mr. W. W. Caruth, Jr., in honor of Mr. W. W. Caruth, Sr., a pioneer Texas philanthropist. The first class of Caruth School entered on September 15, 1955. The facilities of the school were expanded in 1965, again due to the generosity of Mr. W. W. Caruth, Jr., whose gift at that time made possible the enlarging of the dental hygiene clinic. The remodeling was begun in the summer of 1965 and was completed before the beginning of the fall term of that year.

Due to the Caruth gifts, the school of dental hygiene has its own clinic and equipment. Students are thereby enabled to receive most of their clinical dental hygiene instruction in one self-contained area. They also receive much valuable experience and instruction in other areas of the dental school through participation in the regular dental clinics on an assignment basis. In these areas, they assist the dental students and learn to work as a part of a dental health team in an atmosphere that simulates that of a dental office.

The dental hygiene curriculum, including the college courses required for admission, encompasses both liberal arts and specific dental hygiene subjects. In following either the certificate or the degree program in dental hygiene, the student gets both general and professional education. After fulfilling the prescribed requirements, she may graduate with either the Certificate in Dental Hygiene only, or both the Certificate in Dental Hygiene and the Degree of Bachelor of Science in Dental Hygiene, according to which program she has followed. After graduation, the certificate program students may continue their college work at any fully accredited senior liberal arts college or university and transfer the credits to Baylor University College of Dentistry. When all requirements of the degree program have been met, these students also may receive the Degree of Bachelor of Science in Dental Hygiene. Since the difference in the two programs, essentially, lies in the credits transferred from other colleges or universities, all students enrolled in Caruth School of Dental Hygiene follow the same curriculum after admission. Exceptions to this are students who take courses listed as required for admission which are also offered at Caruth School of Dental Hygiene for students who have not been able to work them into their predental hygiene curriculum. (See page 23 for a list of these courses.) The minimum requirements for the Certificate in Dental Hygiene and the B.S. Degree in Dental Hygiene are 90 and 124 semester hours, respectively.

# ADMISSION AND REQUIREMENTS PREDENTAL HYGIENE REQUIREMENTS

Aptitude Test: Applicants will be required to take the Dental Hygiene Aptitude Test and make an acceptable score. The testing program is administered by the American Dental Hygienists' Association, and the test is offered in November, February, and May. Applicants are not permitted to take the aptitude test more than once during any twelvemonth period and are therefore advised to take it in February of the freshman year or November of the sophomore year in college. A booklet of information and an application form for this test may be secured from the Registrar or directly from the American Dental Hygienists' Association, 304 East 45th Street, New York, New York 10017.

Required Courses: Both certificate and degree programs of Caruth School of Dental Hygiene require the applicant to present evidence of having earned liberal arts credits in other accredited junior or senior colleges or universities before admission to the school of dental hygiene.

# College Courses Required for Admission to Certificate Program

Biology or Zoology	minimum	3	sem.	hrs.
Chemistry (General)	minimum	3	sem.	hrs.
English (Composition and Prose)	minimum	6	sem.	hrs.
First Aid (Standard and Advanced				
Red Cross Certificate)	minimum	1	sem.	hr.
Health (Personal and Community)	minimum	1	sem.	hr.
Psychology (Introductory)	minimum	3	sem.	hrs.
Religion (New Testament)	minimum	3	sem.	hrs.
Sociology (Introductory)	minimum	3	sem.	hrs.
Speech (Business and Professional)	minimum	3	sem.	hrs.
Electiveif required	to meet mi	nin	num t	otal
TOTAL (Excluding credits earned in phys	sical			
education, band, chorus, etc.)	minimum 3	30	sem.	hrs.

# College Courses Required for Admission to Degree Program

Biology or Zoology	minimum	3	sem.	hrs.
Chemistry (General)	minimum	6	sem.	hrs.
English (Including Composition				
and Prose)	minimum	12	sem.	hrs.

First Aid (Standard and Advanced					
Red Cross Certificate)	minimum	1 sem. hr.			
Government	minimum	3 sem. hrs.			
Health (Personal and Community)	minimum	1 sem. hr.			
History	minimum	3 sem. hrs.			
Mathematics		3 sem. hrs.			
Psychology (Introductory)		3 sem. hrs.			
Religion (New Testament)	minimum	3 sem. hrs.			
Religion (Old Testament)	minimum	3 sem. hrs.			
Sociology (Introductory)	minimum	3 sem. hrs.			
Speech (Business and Professional)	minimum	3 sem. hrs.			
(Survey of Pathology					
and Therapy)	minimum	3 sem. hrs.			
Electives as require					
TOTAL (Excluding credits earned in physical					
education, band, chorus, etc.)	minimum	60 sem. hrs.			

The biology or zoology course which is required for both programs should present the fundamentals of living cells and cellular organization with at least as much emphasis on zoology as on botany.

The requirement of 6 semester hours of chemistry for admission to the degree program may be waived in the case of those students who have had a year of high school chemistry. Students in this category will be required to complete only 3 semester hours of college chemistry for the degree program.

A course in bookkeeping, accounting, fundamentals of mathematics, business mathematics, algebra, or trigonometry will satisfy the mathematics requirement for the degree program.

# College Courses Required for Admission Which Are Also Offered at Caruth School of Dental Hygiene

First Aid (Standard and Advanced		
Red Cross Certificate)1	sem.	hr.
Health (Personal and Community)1	sem.	hr.
Religion (New Testament)	sem.	hrs.
Religion (Old Testament)	sem.	hrs.
Speech (Survey of Pathology and		
Therapy)	sem.	hrs.

The courses in this list are offered at Caruth School of Dental Hygiene concurrently with the regular dental hygiene curriculum for the benefit of those students who have not been able to work them into their predental hygiene curriculum. All of these, except the speech course, are offered without extra tuition charge. Survey of Speech Pathology and Therapy is offered in the first term of every even numbered year and is scheduled at a time which enables students in both classes to enroll. The course is designed especially for the needs of the dental hygienist. Since the class is scheduled at night, it is held in one of the classrooms in the dental hygiene dormitory, Wilma Bass Memorial Hall. Tuition for this course will be charged at the regular rate (per semester hour) which is being charged by the College of Arts and Sciences of Baylor University, Waco, at the time the course is offered.

Other Requirements: Each applicant must be interviewed before a decision will be made concerning her acceptance to the school. Arrangements for this interview should be made with the Director of the school, preferably. If this is not feasible, however, due to the applicant's living too far away from the school, an interview can usually be arranged with a representative named by the school in the particular applicant's area.

# Procedure for Making Application

- 1. Application materials should be obtained from the Registrar. It is preferred that applications be submitted at least a year before admission.
- 2. Transcripts must be sent from each college the applicant has attended. High school transcripts are also required.
- 3. Recommendations are required from a chemistry or biology instructor, a dentist, a minister, and a friend. These forms must be completed and mailed to the school by the person making the recommendation.
- 4. The file must be kept current by the applicant's submitting grade reports or transcripts at the end of each semester or summer term. Lists of courses in progress and those anticipated should also be submitted by the applicant.
- 5. Arrangements should be made by the applicant for an interview with the Director of Caruth School of Dental Hygiene. (See "Other Requirements," this page.)

- 6. The Dental Hygiene Aptitude Test should be taken. (See "Aptitude Test," page 22.)
- 7. Responsibility for submitting all required data to the school must be assumed by the applicant. Failure to supply grade reports, transcripts, or recommendations is indication that the applicant is no longer interested in admission.

**Bases for Acceptance:** Because each class is limited to 42 students, ev. ry effort is made to select those applicants who are considered best qualified for education in dental hygiene and for successful practice. The quality of scholarship is the first point of consideration. The Grade Point Average and the Dental Hygiene Aptitude Test are the primary factors used in evaluation. The practice of dental hygiene is physically demanding, as is the dental hygiene educational program. For this reason, only those applicants who are in exuberant good health, free of physical impairment, will be accepted. Excellent eyesight is of utmost importance. Good manners, a pleasing personality, clean personal habits, motivation toward dental hygiene, and a genuine concern for human welfare are other factors the accepted applicant must possess.

Preference is given to those applicants with high scholastic averages, to those who have met the requirements for admission to the degree program, to those whose grades and hours in the basic sciences are above average, to those with above average aptitude test scores, and to residents of Texas and the surrounding states that do not have dental hygiene schools.

Prior to enrollment, the accepted applicant is asked to submit evidence of a complete physical examination. A form for this purpose will be sent for the student to present to her physician. Vaccination against smallpox is required, and immunization against typhoid-paratyphoid fevers, poliomyelitis, and influenza is strongly recommended.

It is imperative that every student who accepts a place in Caruth School of Dental Hygiene be absolutely sure that dental hygiene is her first choice as a career. Places available are limited. For this reason, if a student accepts a place in the class and then leaves school before completing the curriculum, she is depriving some other person of an opportunity. Vacancies which occur in this manner cannot be filled for the remainder of the two-year period.

Matriculation and Registration: See page 6.

#### COLLEGE OF DENTISTRY

## FEES AND EXPENSES

The tuition and fees for the student in Caruth School of Dental Hygiene are set by the Administration with the approval of the Board of Trustees and may be adjusted as economic conditions warrant. No grades are issued until all financial obligations to the college are discharged.

Tuition: The class which enters in September of 1969 will pay tuition in the amount of \$900.00 per year for two years. The other class will continue to pay the same tuition (\$900.00 per year) which was set for this class when it entered the school in September of 1968. Any student who returns after an absence or who repeats a year of work will be required to pay the same tuition as is paid by the class she enters. Tuition is payable in three installments, one of which is due at the beginning of each term.

Other Fees and Deposits: The schedule of fees and deposits which appears on page 7 applies to the dental hygiene student as well as the dental student except for the following difference in admission deposit and additions of other costs:

Admission Deposit: Payable upon notification of acceptance	
as a student. The deposit will be applied to	
the first term's tuition but is not refundable	\$75.00
Junior A.D.H.A. Fee: Payable on registration day at the beginning of each school year	2.00
Cost of School Pin: Payable at the beginning of the	
third term of the second year	13.00

Books, Supplies and Equipment, and Uniforms: Students are expected to purchase and retain new books and instruments as required by the official school list. Books are issued on registration day and must be paid for at that time. Students are measured for official uniforms on registration day. These must be ordered and paid for on that day also. Instruments and supplies are issued in two kits, one on registration day and the other immediately following the Thanksgiving recess. The first kit comprises about one third of the complete issue of instruments and supplies, and this part must be paid for on registration day. The cost of books, supplies and equipment, and uniforms may vary from year to year.

	Books	Sup. & Equip.	Uniforms	Total
First Year	\$120.00	\$380.00	\$ 85.00	\$585.00
Second Year	114.00	2.00	44.00*	160.00
Total	\$234.00	\$382.00	\$129.00	\$745.00
*Includes cost of	three cans			

The estimated cost for the two-year curriculum follows:

\*Includes cost of three caps

Loan Funds: See page 8.

Student Employment: See page 10.

Housing: It is the policy of the school to require all unmarried students under the age of 21 to live in the dormitory, Wilma Bass Memorial Hall. This building, which offers the advantages of beautiful, modern facilities and proximity to the school, was completed and opened for occupancy in January, 1965. It houses both dental hygiene and nursing students. Room rent is \$37.50 per month. Students who live in the dormitory may use Baylor Hospital's coffee shop or cafeteria for meals.

If a student desires to live with her parents and commute to the school, she may do so if her parents provide the school with a written request that she be allowed to commute.

Any student who is 21 years of age, or older, may move to housing facilities of her choice, after receiving permission from the Director of the school and presenting to the school a written request from her parents that she be allowed to move to the specified new facilities. If a student who desires to move is a resident of the dormitory, she must also consult the Resident Director of the dormitory. At least 30 days' advance notice of a student's intention to move from the dormitory must be provided both the Director of the dental hygiene school and the Resident Director of the dormitory.

Housing facilities chosen by a student who has passed her twentyfirst birthday and the conduct of the student while residing in such facilities must be in keeping with the Christian ideals of Baylor University.

# STUDENT ACTIVITIES

Junior American Dental Hygienists' Association: All students become members of this campus organization which automatically makes them junior members of the American Dental Hygienists' Association. This entitles them to privileges, including receiving the *Journal of the American Dental Hygienists' Association*, which is published quarterly.

Religious Activities: See page 9.

# STUDENT REGULATIONS

Attendance: See page 9.

Conduct: See page 10.

Guidance: The Dean, the Director, and members of the dental hygiene faculty will provide counseling and guidance in professional and personal matters. All students are urged to avail themselves of this service since these advisors have wide experience in student problems. If problems arise, students are urged to seek help. Many serious difficulties can be avoided if early assistance is sought.

Each student is assigned to one of the four advisors for her class. Advisors are concerned about any matters which may affect academic progress. They are available for counseling on both academic and personal problems. Advisors will distribute term grades to students, at which time help may be offered.

The student who may be having academic difficulty in any particular course is encouraged to seek the counsel of both the teacher responsible for the course and her assigned advisor.

Grading System: See page 11.

**Promotion:** Policies on scholarship and promotion are established by the Dean and the Faculty Council. A Scholarship Committee, consisting of the Dean, the Director, and the Faculty Advisory Committee of Caruth School of Dental Hygiene, reviews the status of the students and makes decisions in conformity with the policy. Any exceptions to these policies require action by the Dean and the Faculty Council.

Students are eligible for unconditional promotion if they have passed all subjects and have earned a Grade Point Average as follows:

First	Year	to	Second	Year	2.00
Grad	uation				2.00 cumulative

Students who pass all subjects but who fail to meet the required GPA for unconditional promotion *may be* placed on academic probation for one year if the GPA falls within the range of 1.9–1.99.

Students may be permitted to attempt removal of a maximum of 9 semester hours of condition or to repeat a maximum of 9 semester hours of failure provided that these deficiencies are limited to no more than three courses and that all other grades during the year equal a 2.0 GPA. A minimum grade of C is required to remove a failure under these conditions.

A student who does not meet all promotion requirements will automatically be suspended. With the approval of the Dean and the Scholarship Committee, a suspended student may apply for reinstatement.

**Requirements for Graduation:** To receive the Degree of Bachelor of Science in Dental Hygiene or the Certificate in Dental Hygiene a candidate must have attained the age of nineteen years and be of good moral character. She must have satisfactorily completed the prescribed courses of study, passed the examinations therein, and complied with all technical, laboratory, and clinical requirements.

No student will be recommended for a degree or certificate until all financial obligations pertaining to her dental hygiene studies have been discharged.

#### HONORS AND AWARDS

Sigma Phi Alpha: This is a national dental hygiene honor society founded in 1958. The Beta Chapter was established at Baylor University College of Dentistry in 1958.

Each year ten per cent of the graduating class is elected to membership. Membership is awarded on the basis of scholarship, character, and potential qualities for future professional growth and attainment.

Awards: A medallion and a certificate are presented at graduation to the girl maintaining the highest grade average. Second and third ranking students also receive certificates.

The Phillip Earle Williams Award: In 1962 the Williams Award was made possible by Dr. and Mrs. Fred M. Lange of Dallas, Texas, in honor of Dr. Phillip Earle Williams. The award is presented to the graduating dental hygiene student who, in the opinion of the dental hygiene faculty and advisory committee, has shown the most proficiency as a dental hygiene clinician.

The George B. Clendenin Award: The George B. Clendenin Award is given annually to the graduating senior who, in the opinion of the members of the Junior American Dental Hygienists' Association, embodies the characteristics of a good dental hygienist and who has been and will be a credit to the profession. This award is made possible through the generosity and courtesy of Patricia Clendenin Wessendorff, the first Director of Caruth School of Dental Hygiene, in memory of her father, Dr. George B. Clendenin.

## **CURRICULUM**

### First Year

	Clock Hours by Term I II III						Total Clinic	Total S.H.
Course	Lect.	Lab.	Lect.	Lab.	Lect.		Hours	Credit
300 Dental Anatomy	11	33	11	33	11	33		4
301 Dental Assisting							66	i
302 Dental Health Education			10		6			1
303 Dental Hygiene Clinic	-•						48	1
304 Dental Hygiene Practice			11		11			3
305 Dental Hygiene Seminar	11		11		11			2
306 Dental Hygiene Techniques.		22	11	66				3
307 General & Oral Histology.			33	22				2
308 Gross Anatomy	44	11	22					4
309 Microbiology					33	44		3
310 Oral Hygiene	22							ĩ
311 Preventive Dentistry					11			- 7
312 Roentgenology	22	11	11				33	3
313 Survey of Dental Hygiene Ed	1.				16		55	1
314 Visual Education			10	12	10			1

### Second Year

	Clock Hours by Term						Total Clinic	Total S.H.
Course	Lect.	Lab	Lect.	Lab.	Lect.	Lab.	Hours	Credit
350 Clinical Practice & Asstg							594	14
351 Dental Health Education					12	10		1
352 Dental Materials			22					1
353 Dentistry for Children					11			1
354 Ethics & Jurisprudence					11			1
355 General & Oral Pathology			22		11			4
356 Nutrition			33					2
357 Periodontics			11					1
358 Pharmacology	-		22					1
359 Physiology	. 22	22	22	22				4
360 Practice Administration			11					1
361 Public Health								1
362 Roentgenology Clinic	•						44	1

## COURSES REQUIRED FOR ADMISSION WHICH ARE ALSO OFFERED HERE IN ADDITION TO REGULAR CURRICULUM

Course	Clock Yr.	II	III					
Course	Offered	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Credit
200 First Aid	1	16	10					1
201 New Testament Intro	1	33		22				3
202 Old Testament History	1 & 2			16		32		3
203 Per. & Com. Health	1			22				1
204 Sur. of Sp. Path. & Ther	1 or 2	30		18				3

#### COURSES OF INSTRUCTION

Numbers have been arbitrarily assigned within a designated pattern. First year courses are numbered from 300-349, and second year courses are numbered from 350-399. Courses which are in the category of those listed as required for admission, but which are offered here for the benefit of those students who have not been able to work them into their predental hygiene curricula, are numbered from 200-204. The academic period during which a course is presented is indicated by Roman numerals: Fall—I, Winter—II, and Spring—III. When an academic year of instruction is required for course credit, the abbreviation "Yr.," will be used. The number immediately preceding the descriptive statement indicates the semester-hour value.

# COURSES REQUIRED FOR ADMISSION WHICH ARE ALSO OFFERED HERE

- 200 First Aid. I; 1 hr. Course is designed to enable the student to take care of herself and others in case of accident or sudden onset of illness until the doctor can take charge. Includes a study of the first aid treatment of emergency situations which arise in the dental office. Standard and Advanced Red Cross Certificates are issued upon successful completion of the course.
- 201 New Testament Introduction. I, II; 3 hrs. A general survey of the New Testament, beginning with the inter-Biblical period. A survey of the origin and literature of the New Testament and the beginning and early history of Christianity. Special emphasis is given to the place of the New Testament in modern life.
- 202 Old Testament History. II, III; 3 hrs. A general survey of the Old Testament as to origin, literature, and history, with a special study of the institutions, religions, and national life of the Hebrew people. Factors of national greatness and weakness will be noted.
- 203 Personal and Community Health—Effective Living. II; 1 hr. A study of personal health habits and traits and the environmental factors related to these, with special emphasis on the individual's responsibility to the health of the community.
- 204 Survey of Speech Pathology and Therapy. I, II of even numbered years; 3 hrs. A survey course dealing with the nature and causes of speech and hearing disorders and speech correction as an educational and clinical field.

### PRE-CLINICAL

300 Dental Anatomy. Yr.; 4 hrs. A detailed study of human dentition, deciduous and permanent, including identifying extracted specimens and drawing and carving teeth to scale. Lectures and laboratory work are involved.

- 304 Dental Hygiene Practice. Yr.; 3 hrs. A series of lectures covering the principles and techniques of dental hygiene care and instruction for the individual patient. Includes a study of careers in dental hygiene.
- 305 Dental Hygiene Seminar. Yr.; 2 hrs. Series of diversified lectures designed to introduce the dental hygiene student to the various fields of dentistry and to broaden her knowledge of the different aspects and current trends and advancements involved in these fields.
- 306 Dental Hygiene Techniques. I, II; 3 hrs. Instrumentation and clinical procedures in oral prophylaxis and topical application of fluorides. Lectures, demonstrations, and laboratory sessions, including practice on manikins.
- 307 General and Oral Histology. II; 2 hrs. A study of the general histology and microscopic anatomy of organs and systems of the human being. Laboratory studies of prepared slides are employed.
- 308 Gross Anatomy. I, II; 4 hrs. A fundamental study of each system of the body is correlated finally with a more intensive study of the regional anatomy of the head and neck, using dissected human material and visual aids frequently. Includes a study of growth and development. Lecture and discussion sessions are supplemented by laboratory demonstrations and study.
- 309 Microbiology. III; 3 hrs. A study of the culture, morphology, and activities of representative types of microorganisms and their relation to health. Lecture sessions are supplemented by laboratory work.
- 310 Oral Hygiene. I; 1 hr. A study of the factors which contribute to oral health including the accepted methods of preventing caries and periodontal disease.
- 311 Preventive Dentistry. III; 1 hr. A study of known methods of preventive dentistry, including prophylaxis, brushing techniques, best use of fluorides, dietary control, radiographs, clinical examination and patient education.
- 312 Roentgenology. I, II; 3 hrs. The theory and technique of oral radiography.
- 352 Dental Materials. II; 1 hr. A general study of the sources, properties, uses, and techniques of manipulation of the materials commonly used in dentistry.

- 353 Dentistry for Children. III; 1 hr. A study of the preventive and therapeutic aspects of dentistry for children, child psychology, and management of the child in the dental office.
- 355 General and Oral Pathology. Yr.; 4 hrs. A study of the fundamental principles of disease processes. Includes histopathology of the more common diseases affecting the body as well as the pathological conditions of the teeth and their supporting structures.
- 356 Nutrition. II; 2 hrs. A study of the principles of nutrition accompanied by certain specific implications for dental health. Includes the technique of diet analysis.
- 357 Periodontics. I, II; 1 hr. A course designed to consider the simple periodontal problems which may confront a dental hygienist. This includes the rationale for the prophylaxis, the reasons for good oral hygiene, and identification of some of the lesions seen in the oral cavity.
- 358 Pharmacology. II; 1 hr. A study of the actions and uses of drugs with emphasis placed on those used in dentistry.
- 359 Physiology. I, II; 4 hrs. A survey of the organ systems of man and their relation to the normal functioning of the human body. Includes lectures and laboratory demonstrations and experiments.

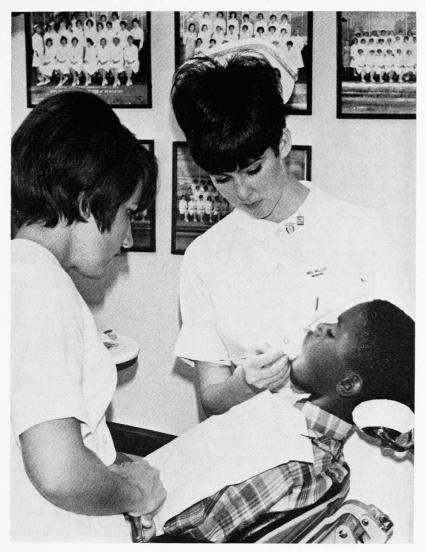
## CLINICAL

- 301 Dental Assisting. II, III; 1 hr. Chairside assisting experience is gained through actual practice in working with dental students in rotating clinical assignments.
- 303 Dental Hygiene Clinic. III; 1 hr. Clinical procedures with the patient are practiced in the dental hygiene clinic. Skills in giving oral prophylaxes, topical applications of fluorides, and patient education are developed.
- 350 Clinical Practice and Assisting. Yr.; 14 hrs. Clinical procedures with patients are practiced by the student in rotation through the various clinics of the dental college. Skills in giving oral prophylaxes, managing and educating patients, and assisting and cooperating with the dentist under clinical conditions are perfected.
- 362 Roentgenology Clinic. Yr.; 1 hr. Application of techniques of oral radiography with patients in clinical practice, simulating actual private practice.

## SUPPORTING

- 302 Dental Health Education. II, III; 1 hr. A study of the factual information and methods of instruction employed in teaching dental health to laity in schools and communities, and especially to patients in the practice of dental hygiene.
- 313 Survey of Dental Hygiene Education. III; 1 hr. A series of lectures and demonstrations designed to broaden the student's knowledge of the principles and technology involved in the many aspects of education. Although emphasis is placed on college level teaching, other teaching opportunities of the dental hygienist are included.
- 314 Visual Education. II; 1 hr. A study of effective presentation of printed and graphic material, including the basic principles of design, color, and light. Skills necessary for execution of good design in individual projects of visual aids are developed.
- 351 Dental Health Education. III; 1 hr. Methods, materials, and resources used in teaching dental health to public school children in classroom situations. Includes lectures and field trips in which students present dental health projects in public schools.
- 354 Ethics and Jurisprudence. III; 1 hr. A general study of the background of ethics and law and a specific study of the principles of ethics and laws relating to the practice of dental hygiene and dentistry in Texas.
- 360 Practice Administration. II; 1 hr. A study of the principles of public relations and general office management.
- 361 Public Health. I; 1 hr. A study of the theory, methodology, and application of principles of public health with emphasis on the roles of the dentist and dental hygienist in public health programs.

# COLLEGE OF DENTISTRY



Dental Hygiene Clinic

#### OFFICERS OF INSTRUCTION

#### Emeritus

HARRY B. MCCARTHY, B.S., M.A., D.D.S., LL.D., F.A.C.D., Dean Emeritus.

HORACE R. BEACHUM, D.D.S., F.A.C.D., Professor Emeritus, Prosthodontics.

BROOKS BELL, D.D.S., F.I.C.D., Professor Emeritus, Orthodontics.

SAM H. BROCK, SR., D.D.S., F.A.C.D., Professor Emeritus, Roentgenology.

GLENN R. HILLIN, D.D.S., F.I.C.D., Professor Emeritus, Oral Surgery.

ARTHUR L. NYGARD, D.D.S., Professor Emeritus, Prosthodontics,

#### Active and Regular

- \*DAVID M. ADAMSON, B.S., M.S., Ph.D., Assistant Professor, Microbiology. B.S.,
- Southwestern State College, M.S., University of Oklahoma, Ph.D., Ibid.
   \*R. G. ALEXANDER, B.A., D.D.S., M.S.D., Associate Professor, Orthodontics. B.A., Texas Technological College, D.D.S., The University of Texas, M.S.D., Ibid.
- JOHN W. ALLEN, D.D.S., M.S.D., Assistant Professor, Oral Surgery. D.D.S., Baylor University, M.S.D., Ibid.
- \*Richard C. Allen, D.D.S., Instructor, Operative Dentistry. D.D.S., Baylor University.
- \*JOHN ASCHENBRENNER, B.S., M.S., Instructor, Microscopic Anatomy. B.S., Iona College, M.S., Rutgers University.
- \*RAY ASHCRAFT, B.S., D.D.S., Assistant Professor, Fixed Partial Prosthodontics. B.S., North Texas State University, D.D.S., Baylor University.
- \*H. ELDON ATTAWAY, D.D.S., M.S.D., Associate Professor, Orthodontics. D.D.S., Baylor University, M.S.D., University of Nebraska.
   \*RICHARD AUBREY, D.D.S., M.S.D., Associate Professor, Orthodontics. D.D.S., Baylor University, M.S.D., Ibid.
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- JACK G. BISHOP, B.S., M.S., Ph.D., Assistant Dean and Professor of Physiology. B.S., North Texas State University, M.S., Ibid., Ph.D., Indiana University.
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