

Vol. X

July, 1921

No. 1

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**Baylor University Bulletin**  
**College of Dentistry**  
**Dallas, Texas**

**ANNOUNCEMENTS**  
**1921-1922**



Founded 1845 at Independence  
under the Republic of Texas

Published by the University  
Issued Quarterly

BAYLOR UNIVERSITY PRESS, WACO, TEXAS

Entered as Second Class Mail Matter at the Post Office at Dallas, Texas



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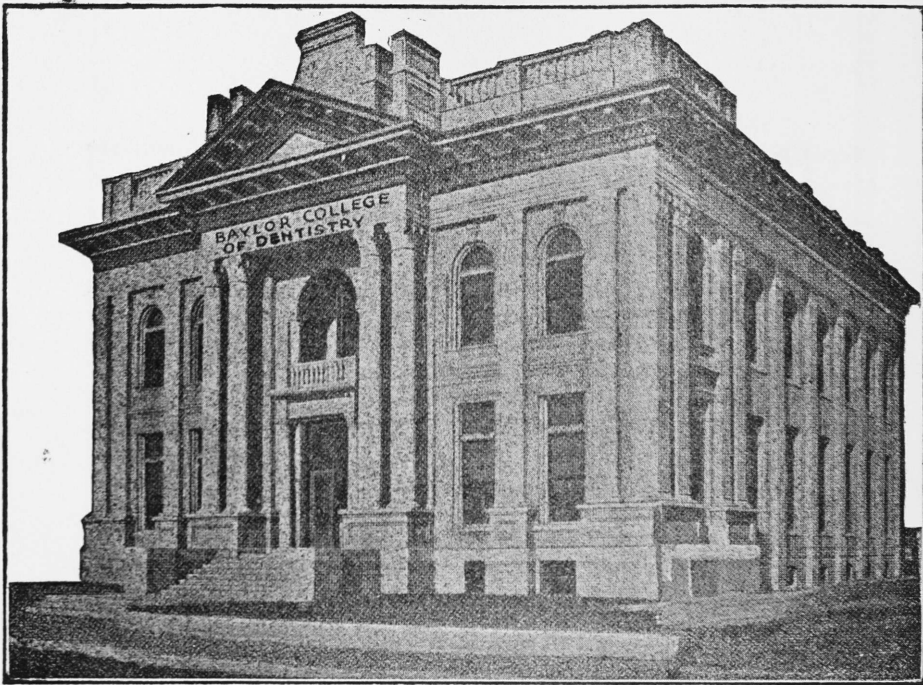


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# CALENDAR

1921-1922

1921

- September 19.....Monday—Examination for removal of conditions  
and for advanced standing begin.
- September 26.....Monday—College session begins.
- October 5.....Wednesday—Last day of admission and entrance  
of students.
- November 24.....Thursday—Thanksgiving holiday.
- December 22.....Thursday—Christmas and New Year holidays  
begin and extend to January 1, 1922, inclusive.

1922

- January 2.....Monday—Lectures and work resumed.
- January 23.....Monday—Mid-term examinations begin.
- February 1.....Wednesday—Second semester begins.
- February 22.....Wednesday—Washington's birthday.
- April 21.....Friday—San Jacinto Day.
- May 15.....Monday—Final examinations for graduation  
begin.
- May 22.....Monday—Final examinations for other classes  
begin.
- May 28.....Sunday—Baccalaureate sermon.
- May 30.....Tuesday—Commencement.

## THE UNIVERSITY

The history of Baylor University begins as far back as 1845, when the first attempt was made to establish an institution for higher education. Its influence for good has steadily grown and together with the prominence and achievements of its graduates, evidences the high standard which it has consistently maintained in the development of character as well as in the thorough training of its graduates.

The University makes a comprehensive whole which offers the students the great advantages of a university education and such elasticity of curricula and such economy of time as would be difficult to obtain in separate institutions. A commendable readiness to adopt improved educational methods and to provide modern facilities has been a feature of the University's history and such additions have been promptly made as would insure that its students profited to the fullest extent in the professional advancement which it has steadily encouraged.

The University embraces the following:

### THE College of Arts and Sciences Located at Waco, Texas

The School of Music  
Located at Waco, Texas

The School of Education  
Located at Waco, Texas

The School of Law  
Located at Waco, Texas

The College of Medicine  
Located at Dallas, Texas

The College of Dentistry  
Located at Dallas, Texas

The College of Pharmacy  
Located at Dallas, Texas

The School of Nursing  
Located at Dallas, Texas

Correspondence is invited. For catalogues, illustrated bulletins, and other information pertaining to the Schools of Medicine, Dentistry, Pharmacy, and Nursing address Dallas, Texas; the others are located at Waco, Texas.

# BAYLOR UNIVERSITY

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President of the University.
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Chairman of the Advisory Board.
WILLIAM J. MEYERS
Secretary and Registrar.

Faculty Meeting = Fourth Friday  
Advisory Board Meeting = Third

THE FACULTY

- ARTHUR L. NYGARD, D.D.S. C 4730. )  
Professor of Operative Dentistry, and Superintendent of the Infirmary.
- ✓ GEORGE THOMAS CALDWELL, A.M., Ph.D., M.D.  
Professor of Pathology and Bacteriology.
- JUDD M. McMINN, D.D.S. ✓  
Professor of Prosthetic Dentistry.
- ✓ WILLIAM W. LOONEY, M.D.  
Professor of Anatomy.
- OSCAR E. BUSBY, D.D.S.  
Professor of Orthodontia and Dental Comparative Anatomy.
- JULIAN C. SMITH, D.D.S.  
Clinical Professor of Peridontia.
- ELDON L. KNOX, D.D.S.  
Professor of Crown and Bridge.
- ✓ FRED TERRY ROGERS, A.B., M.A., Ph.D.  
Professor of Physiology.
- WILLIAM P. DELAFIELD, D.D.S.  
Professor of Oral Hygiene and Periodontia.
- CHARLES ROBERT STEWARD, Ph., C., B.Sc.  
Professor of Chemistry and Metallurgy.
- ATHOL L. FREW, D.D.S.  
Professor of Oral Surgery.
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Clinical Professor of Operative Dentistry.
- EDWARD W. SMITH, D.D.S.  
Professor of Block Anaesthesia and Dental Diagnosis.
- CHESTER A. DUNCAN, B.S., P.C., P.D.  
Professor of General Materia Medica.
- WALTER A. GROUWS, D.D.S.  
Professor of Dental Anatomy.
- JAMES M. MARTIN, M.D.  
Professor of Radiography.
- CHARLES L. MOREY, D.D.S.  
Professor of Dental Histology.
- ALVON C. SLOAN, D.D.S.  
Professor of Exodontia.
- LEONARD C. SNOWDEN, D.D.S.  
Clinical Professor of Peridontia.
- GEORGE L. CARLISLE, M.D.  
Professor of Physical Diagnosis.
- JAMES AVANN, D.D.S.  
Professor of Dental Pathology and Dental Therapeutics.
- JAMES G. POE, M.D.  
Professor of General Anaesthetics.



night in Month.

Wednesday night in Month.

COLLEGE OF DENTISTRY

7

JUANITA WADE, D.D.S.  
Professor of Pedodontia.

ALBERT W. ODELL, D.D.S.  
Associate Professor of Operative Dentistry.

BIRCH L. MCCOY, D.D.S.  
Associate Professor of Prosthetic Dentistry.

✓ CHARLES G. DUNCAN, A.B., M.D.  
Associate Professor of Histology and Embryology

JOHN D. HYDE, D.D.S.  
Associate Professor of Crown and Bridge.

APLEE B. CONLEY, D.D.S.  
Associate Professor of Orthodontia.

✓ HOYT S. HOPKINS, A.B., Ph.D.  
Assistant Professor of Physiology.

HARRY P. HARBER, M.D.  
Assistant Professor of Anatomy.

- ALEXANDER POPE, LL.B.

✓ E. B. SAYE, M.D.  
Assistant Professor of Pathology and Bacteriology.  
Lecturer on Dental Jurisprudence.

ROSS C. LEWIS, D.D.S. X 3 2 1 5  
Lecturer on Dental Ethics and Economics.

PRICE CHEANEY, B.S., M.D., D.D.S. X 1 4 4  
Lecturer on Dental History.

- CARL C. MOORE, D.D.S.  
Instructor in Operative Dentistry.

✓ ROY L. GROGAN, A.B.  
Instructor in Biology.

- BEN FRANK GIFFORD, D.D.S.  
Instructor in Prosthetic Dentistry.

LEO S. BARRETT, A.B.  
Instructor in Technical Drawing.

- ELBA W. ELMORE, A.B., M.A. 1301 2nd St. Bldg.  
Instructor in English.

- THOMAS M. TISSIER, D.D.S.  
Instructor in Prosthetic Dentistry.

- CLARENCE L. PRICHARD, A.B.  
Instructor in Physics.

4 } ✓ DURWOOD L. DODD  
Assistant in Anatomy.

✓ GURLEY H. SANDERS  
Assistant in Pathology.

ALLEN F. MURRAY  
Assistant in Chemistry.

SHEPHERD D. WHEAT  
Assistant in Physiology.

## GENERAL INFORMATION

Never has interest in the science of dentistry been so keen as at the present time. Careful research and experimentation are daily adding to our knowledge of disease and its treatment, and are developing the fact that many constitutional diseases have their origin in the mouth. The importance of hygiene of the oral cavity is just being properly appreciated.

As a result of the views expressed by many eminent members of the medical profession, as well as of the systematic dissemination among the people of information concerning oral hygiene, the public is fast awakening to the necessity of caring properly for the teeth. Everywhere there is a cry for clean and healthy mouths, and this is creating a constantly increasing demand for dental service.

The dental colleges apparently have been unable to meet the demand thus created for more dentists, if we may judge by the following extract from an editorial in a recent issue of the Dental Cosmos: "To minister to the needs of our national population of one hundred millions of people we have in round numbers fifty thousand dentists, or one dentist to two thousand population, which is, roughly speaking, one-fourth of the number of dentists required."

Professional standards are being raised from year to year. Scientific knowledge and technical skill are receiving the recognition they deserve, and dentistry is taking its rightful place as a specialty of the healing art. As a result of higher requirements the degree, Doctor of Dental Surgery, has acquired a new meaning.

Unlike the graduate of some other professional schools, the young dentist need not wait long for a practice. If he is competent and exercises judgment in selecting a location, and if he works diligently and conscientiously, will soon have a comfortable income.

## BUILDING AND EQUIPMENT

### Location

The College of Dentistry of Baylor University occupies a separate building, with a frontage of 100 feet on Hall street. Within a radius of a few blocks are the College of Medicine, Baylor University Hospital, College of Pharmacy, and the School of Nursing. The entering student registers in the business office, which is on the first floor of the Medical building. The building has ample space for laboratories, operating rooms for the clinics, recitation rooms, amphitheatre for general assemblies, etc. In addition to the accommodations in the main building, many of the facilities of the University College of Medicine are available to students of dentistry, as the colleges are allied. For example, the chemical, anatomy, physiology, bacteriology, and pathology laboratories for both institutions are in the Medical building. The two faculties also are associated.

### INFIRMARY

The Infirmary, under the direction of the superintendent and demonstrators, is open daily, from 10 a. m. to 5 p. m., except Sundays and holidays, during the entire year. The College Infirmary has space for sixty students to operate at one time. Material and drugs are furnished by the College. Each student is required to perform a certain number of operations in both departments. Before the operation is begun, during its progress and after its completion, the case is examined, and the superintendent and demonstrators are ever ready and willing to aid and assist by advice and by demonstrations. The assignment of cases is in the hands of the superintendent and his assistants. Believing that the regulation and conduct of the infirmary is influential in forming the office habits of the student, it is our aim to conduct the department as nearly on the plane of a high-class dental office as the circumstances will permit.

We endeavor to inculcate neatness, cleanliness, order and dispatch, which, with skill, are essential to securing and retaining a desirable practice. Our patients are, in the main, derived from a class refined and intelligent enough to appreciate this treatment, and the proof of their appreciation is found in their regular return to the College when in need of dental service. All sterilization and preparation for therapeutic and root canal work is supervised by a registered nurse.

### REQUIREMENTS FOR ADMISSION

#### Four-Year Course

A candidate for admission to the College of Dentistry for year 1921-1922 may be accepted upon presentation of a diploma, or equivalent certificate, from an accredited high school or academy which requires for graduation not less than fifteen (15) units of high school work obtained in a four-year course. No condition on the foregoing entrance requirements will be allowed.

In case of an applicant who is not a graduate from a high school or academy, as defined above, the full equivalent of such education in each individual case must be established by the Committee on Examinations appointed by the Texas State Board of Dental Examiners. Dental examiners may issue a certificate upon presentation of credentials from schools attended, or upon the passing of written examinations given by him.

Entrance credentials of new students should be filed with the Registrar. A blank form for high school credentials is issued by the College. This blank must be filled out and signed by the principal or superintendent of the high school or academy from which the prospective dental student graduated. It must then be returned to the Registrar's office.

**Six-Year Course—A.B. and D.D.S. Combination Degrees**

If a student shall have completed his two years of college work in Baylor University, on graduation from Baylor University College of Dentistry, he will be given both the A.B. and D.D.S. degrees. This cannot be done if the student did this college work in another institution.

**ADMISSION TO ADVANCED STANDING**

The College will receive into the advanced grades of second year and third year only such students as hold certificates of having passed examinations in the studies of the first-year or second-year grades respectively in a school which demands the same or higher preliminary educational requirements and maintains the same curriculum; except that a student who presents satisfactory evidence of graduation from a reputable medical college, and students with two full years' credit from a Class "A" medical school, approved by the American Medical Association, may be given such advanced standing as his previous training may justify, provided he makes up the prescribed subjects in which he may be deficient.

All students who have successfully passed their examinations for advanced standing and have complied with all the rules of the College of Dentistry shall have their reports given or mailed to them within ten days after such examinations shall have been completed.

**REQUIREMENTS FOR GRADUATION**

To receive the degree of Doctor of Dental Surgery a candidate must bear a good moral character, be twenty-one years of age, and he must have completed satisfactorily 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 until all financial obligations to the College have been discharged.

**STANDING OF STUDENTS**

The standing of students is based upon written examinations, daily quizzes, laboratory, technic, and infirmary practice. Seventy-five per cent is the standard for passing on all branches.

For each examination taken out of the usual time, to remove conditions or for other reasons, a fee of \$3.00 will be charged and must be paid to the Registrar.

Regular attendance is insisted upon, and repeated or unexplained absences may be deemed sufficient reason for dismissal or withholding credits for a year's work. The record of attendance for each year must be at least 90 per cent.

Respectful demeanor towards professors and one another is expected of all the students, as well as honorable conduct at all times, both within and without the College.

**RULES GOVERNING EXAMINATIONS**

The college year is divided into two semesters. At the end of each semester a written and practical examination will be given in each subject, and the standing of a student for any course extending through more than one semester is determined by combining the marks of the first and second semesters, arriving at a general average covering the year's work. The examination marks are graded upon a scale of 100 as a maximum mark, and each student must attain a grade of 75 in all of the subjects. A mark of 60 per cent to 74 per cent, inclusive, is a condition permitting re-examination; below 60 per cent, a failure, requiring the student to repeat that subject. Any student failing in two or more subjects or conditions in three or more subjects must repeat the entire year's work in which such failures occur. Only one condition may be carried into the succeeding year. Examinations for removal of conditions will be held the last week in September before the regular session opens.

Conditions can only be removed at the regular time appointed for this purpose. A condition not removed on re-examination becomes a failure.

**FEES AND EXPENSES**

	First	Second	Third	Fourth
Matriculation (paid but once).....	\$ 5.00	\$.....	\$.....	\$.....
Tuition .....	175.00	175.00	175.00	175.00
Laboratory .....	15.00	15.00	15.00	.....
Microscope .....	5.00	5.00	5.00	.....
Breakage .....	5.00	5.00	5.00	5.00
Diploma .....				20.00
Total.....	\$205.00	\$200.00	\$200.00	\$200.00

Tuition and fees are payable in advance and they will not be returned to one who leaves before the end of the semester. For convenience of the students half the tuition plus all laboratory fees may be paid at the beginning of the school year as follows:

Freshman students, \$117.50; Sophomore students, \$112.50; Junior students, \$112.50; Senior students, \$92.50, and the other half at the beginning of the second semester or February 1st. A diploma fee of \$20.00 is due and must be paid by March 1st.

The breakage fee will be administered and refunded according to the regulations of the College. Out of it is taken a charge for damage, loss or injury to materials, apparatus or property; and the distribution of this charge is made to individuals or classes, according to circumstances.

Students transferring from other schools are required to pay the matriculation fee.

A student repeating the course for any reason will be charged the full fee for that course.

All tuitions, fees and deposits are to be paid to the Registrar at his office in the Medical College building.

### LIVING EXPENSES

Board and lodging may be had for \$30.00 and upward per month with respectable families living near the college. The faculty at all times will be glad to help boys locate in the best families. They will, so far as it is in their power, look after the physical and moral welfare of students, and will constantly give personal attention to them, advising parents, when so requested, of their progress and general conduct.

Students on arrival should report at once to the College, where registered lists of boarding houses will be found and advice as to their selection given.

### MEDICAL ADVICE AND SERVICE

The University maintains a department of medical advice and any student needing this should report at once to the medical adviser. When necessary, the officer visits the students in their homes. Through him the services of specialists are secured when indicated.

### REGISTRATION

A candidate for admission to the College of Dentistry must forward his entrance credentials to the Registrar. This should be done in advance of the opening of the semester. Credentials submitted for evaluation become the property of the University and are retained in our permanent file as the basis on which statement of standing is given. On receipt and evaluation of the credentials the candidate will be informed of his standing and as soon as possible definite instructions regarding the various steps in registering will be mailed in order that the candidate may know in advance just what will be required of him when he presents himself for registration. Upon arrival at the College the candidate presents himself at the Registrar's office.

All dental students, both old and new, are required to register in person at the Administration Office in the Medical building before entering upon work at the beginning of the year.

### LIBRARY

All new books on dentistry and a number on allied subjects, as well as the various dental journals of the country, are obtained as they come out and placed in the library, which is intended for the use of the faculty and students, who also have access to the large medical library.

### ACKNOWLEDGMENTS

The faculty wish to express their grateful appreciation of donations to the library and museum, as well as for various other courtesies received during the past year from friends and Alumni. Books, bound magazines, curios and similar objects will be very acceptable gifts. Practitioners can show their good-will by sending for laboratory use teeth that have not been allowed to dry. Freight or express charges on such objects will be paid by the College and will be greatly appreciated.

**FURTHER INFORMATION**

This announcement applies to the session beginning September 26, 1921, and all requirements, fees, and regulations mentioned in it apply to this college year alone.

For further information, address The Secretary, College of Dentistry, Baylor University, 720 College Avenue, Dallas, Texas.

**COURSE OF STUDY****Freshman Year**

	Hours per Year		Total
	Didactic	Laboratory	
Biology .....	32	64	96
Physics .....	32	64	96
Dental Anatomy .....	32	192	224
Anatomy (General) .....	64	96	160
English .....	96	....	96
Technical Drawing .....	....	48	48
Chemistry (Inorganic) .....	64	96	160
Histology (General) .....	32	96	128
Prosthetic Technic .....	32	192	224
<b>Total</b> .....	<b>384</b>	<b>848</b>	<b>1232</b>

**Sophomore Year**

	Hours per Year		Total
	Didactic	Laboratory	
Physiology .....	64	64	128
Chemistry (Organic) .....	64	96	160
Anatomy (General) .....	64	96	160
Operative Technic .....	32	192	224
Bacteriology .....	32	96	128
Prosthetic Technic .....	32	192	224
Histology (Dental) .....	32	....	32
Crown and Bridge Technic.....	32	192	224
<b>Total</b> .....	<b>352</b>	<b>928</b>	<b>1280</b>

**Junior Year**

	Hours per Year		Total
	Didactic	Laboratory	
Pathology (General) .....	32	64	96
Prosthetic Dentistry .....	32	....	32
Materia Medica and Pharmacology.....	64	....	64
Oral Hygiene .....	32	....	32
Operative Dentistry .....	32	....	32
Physical Diagnosis .....	32	....	32

Orthodontia .....	32	64	96
Crown and Bridge .....	32	....	32
Dental Pathology .....	32	....	32
Dental Therapeutics .....	32	....	32
Radiography .....	32	....	32
General Anaesthesia .....	16	....	16
Local Anaesthesia .....	16	....	16
Infirmiry Practice .....	....	688	688
	<hr/>	<hr/>	<hr/>
Total.....	416	816	1232

## Senior Year

	Hours per Year		Total
	Didactic	Laboratory	
Crown and Bridge .....	32	....	32
Orthodontia .....	32	64	96
Operative Dentistry .....	32	....	32
Prosthetic Dentistry .....	32	....	32
Oral Surgery .....	32	64	96
Dental Jurisprudence .....	16	....	16
Dental Ethics and Economics.....	8	....	8
Dental History .....	8	....	8
Pathology (Dental) .....	32	....	32
Radiography .....	32	....	32
Infirmiry Practice .....	....	912	912
	<hr/>	<hr/>	<hr/>
Total.....	256	1040	1296

Total hours, Freshman year.....	1232
Total hours, Sophomore year.....	1280
Total hours, Junior year.....	1232
Total hours, Senior year.....	1296
	<hr/>
Total hours for four years.....	5040



**DEPARTMENTS**  
**DEPARTMENT OF ANATOMY**

WILLIAM W. LOONEY, M.D.

Professor of Anatomy

OSCAR E. BUSBY, D.D.S.

Professor of Dental Comparative Anatomy

WALTER A. GROUWS, D.D.S.

Professor of Dental Anatomy.

CHARLES L. MOREY, D.D.S.

Professor of Dental Histology

CHARLES G. DUNCAN, A.B., M.D.

Associate Professor of Histology and Embryology

HARRY P. HARBER, M.D.

Assistant Professor of Anatomy

DURWOOD L. DODD

Assistant in Anatomy

**General Anatomy**—The course in Anatomy is both theoretic and practical. The lectures are fully illustrated by dissections of the cadaver, preparations, models and drawings. The whole body is studied, but owing to its important relations to dental and oral surgery, special attention is directed, both in the laboratory and lecture room, to the anatomy of the head and face. The laboratories for Anatomy, Histology, and Embryology are located in the Medical building.

**Dental Anatomy**—A study of the deciduous teeth is first taken up with the student until he becomes familiar with their names, positions, number, and period of eruption. The anatomy of the permanent teeth is carefully studied with a view to preparing the student to supply by artificial means the part or parts of the teeth in correct anatomical form and relation, which have been lost by decay.

In the laboratory, the student will make drawings of the geometrical figures involved in the outlines of the teeth, outline sketches of the different teeth in the human denture and will follow this by moulding some of the teeth in plasticine. Exercises will be given in carving vegetable ivory blocks to definite geometrical form according to accurate measurements. This will be followed by carving a set of twenty-eight teeth in vegetable ivory, which will be set up to resemble as closely as possible the arrangement in the natural dental arches of man. Longitudinal and cross sections of extracted teeth will be made by the student for the study of internal dental anatomy. Students are advised to bring with them as many extracted teeth as they may be able to obtain.

**Comparative Dental Anatomy**—This is the study and comparison of the anatomy of the lower animals with that of man. The lectures are illustrated by the use of charts, diagrams and models to convey a better understanding of the forms and functional purposes of the human dentition.

**General Histology**—The course of General Histology consists of a systematic presentation of the subject of the minute anatomy of the various parts of the body, partly by lectures and more especially by the practical study of actual specimens under the microscope. The methods of preparation of microscopical specimens are presented and practiced in the laboratory.

**Dental Histology**—The course in Dental Histology is given in the Freshman year, and will include the study of the construction and the use of the microscope, the study of the cell structure and functions, studies of the elementary tissue and the more important tissue, the embryology of the teeth, and the minute study of the several tissues of the human teeth, the pericementum, the mucous membranes and soft tissues of the mouth.

#### DEPARTMENT OF BACTERIOLOGY AND PATHOLOGY

GEORGE T. CALDWELL, B.A., M.A., Ph.D., M.D.

Professor of Pathology and Bacteriology

JAMES AVANN, D.D.S.

Professor of Dental Pathology

E. B. SAYE, M.D.

Assistant Professor of Pathology and Bacteriology

GURLEY H. SANDERS

Assistant in Pathology

**General Pathology**—The principles involved during the formation of pathological products and the conditions of the body established by the processes leading to those products receive especial attention both in the lecture and laboratory courses. The cell in health and disease, cell irritants, metabolism and its varying products and the structural changes occurring in the different organs are considered in detail. In addition to the explanatory lectures, laboratory work comprising loans of permanent sections of the more important degenerations, simple and specific inflammations, benign and malignant tumors, is studied with the microscope.

**Dental Pathology**—The study of Dental Pathology is taken up during the third year. Diseases and malformations of the structures of the teeth, together with the study of the diseases of the pulp, pericementum and surrounding tissues of the mouth are given special attention. The study of oral infections which may be the cause of systemic diseases is also studied.

**Bacteriology**—The student is taught the relationship of bacteria to other micro-organisms; the biological and morphological characteristics of bacteria; the manufacture of the more common culture media, and sterilization; the method of separating one species from another and from unknown species; the methods of determining pathogenic properties, and bacterial toxins, immunity, seriums, vaccines and their manufacture.

**BIOLOGY**

ROY L. GROGAN, A.B.

Instructor in Biology

**Biology**—The course in Biology consists of one lecture and two hours laboratory work weekly throughout the Freshman year. The course will start at the beginning of cell life, and gradually lead up to vegetable and animal life in general. Then a special consideration of the subject in Anatomy and Histology. The course of lectures will be supplemented by practical demonstration and laboratory work.

**BLOCK ANAESTHESIA AND DENTAL DIAGNOSIS**

EDWARD W. SMITH, D.D.S.

Professor of Block Anaesthesia and Dental Diagnosis

**Block Anaesthesia**—Will be taught in didactic lectures, use of lantern illustrations and wet specimens. The class is divided into sections and required to attend clinics. In this way the student sees various operations.

**Dental Diagnosis**—Instruction will be over clinical subjects, treating the mouth as a unit and its inter-relationship to medical complaints.

**CHEMISTRY AND METALLURGY**

CHARLES R. STEWARD, Ph.C.

Professor of Chemistry and Metallurgy

ALLEN F. MURRAY

Assistant in Chemistry

**Chemistry**—The course is both theoretical and practical. The lectures are delivered in connection with demonstrations. The course is given to both the Freshman and Sophomore students and includes General Physics, Inorganic and Organic Chemistry, Qualitative Analysis and Chemistry of Anaesthetics.

**Metallurgy**—Lectures, recitations and laboratory practice. The lectures and recitations will be devoted to a consideration of the general principles of the chemistry of the Carbon Compounds, their classification and uses. In the laboratory the student is expected to prepare a series of the more important members, and to study their principal reactions and means of identification.

**CROWN AND BRIDGE WORK**

ELDON L. KNOX, D.D.S.

Professor of Crown and Bridge

JOHN D. HYDE, D.D.S.

Associate Professor of Crown and Bridge

**Crown and Bridge**—A complete course in crown work, including the preparation of roots and the making of all the acceptable styles of crowns, is covered. Bridgework, both fixed and removable; the repairing of crowns and bridges, and the whole subject of gold inlays are treated. Baked crowns and porcelain bridges are also covered.

**DENTAL ETHICS AND ECONOMICS**

ROSS C. LEWIS, D.D.S.

Lecturer on Dental Ethics and Economics

**Ethics**—Under this head the moral, social and business relationships between the dentist and his patients will be discussed, as well as his duty to the public, his fellow practitioner and himself.

**Economics**—Under this head the business of the dentist's life will be considered. The question of office equipment, keeping of appointments, overhead charges, methods of determining fees, office assistants, etc., will be taken up.

**DENTAL HISTORY**

PRICE CHEANEY, B.S., M.D., D.D.S.

Lecturer on Dental History

This course is intended to give to the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

**DENTAL JURISPRUDENCE**

ALEXANDER POPE, LL.B.

Lecturer on Dental Jurisprudence

In this course the lecturer will discuss the laws governing the practice of dentistry, their necessity and purpose.

The responsibility of the dentist under the laws, his position as defendant in suits for damage and as plaintiff in suits for fees, etc., will be fully explained.

**PHYSICAL DIAGNOSIS**

GEORGE L. CARLISLE, M.D.

Professor of Physical Diagnosis

The diseases of the various organs and infectious diseases are covered briefly. The importance of pathological conditions in the mouth in their relation to systematic disease is emphasized.

**ENGLISH**

ELBA W. ELMORE, A.B., M.A.

Instructor in English

The purpose of this course is to give, in one year, the outline of a practical study of English. The theory of composition is given with the idea of having the student apply the precepts in analyzing authors, and as a guide in theme work. Editorials are discussed, both from a view to modern style, and as example of argumentation. The end sought is to give the student, as far as possible, a ready knowledge of the means of clear expression.

**EXODONTIA AND ANAESTHESIA**

ALVON C. SLOAN, D.D.S.

Professor of Exodontia

JAMES G. POE, M.D.

Professor of General Anaesthesia

This course will be taught by lectures, and by demonstrations in the infirmary; will cover the field of local and general anaesthetics, the use, complications and dangers of each, and the means of preventing and treating accidents arising from their use.

Particular attention will be given to difficult cases of extraction, impacted teeth, etc., and the treatment of hemorrhage and such other accidents as may accompany extracting. Each student will be required to administer anaesthetics, and to extract, under the personal supervision of the teacher of this subject.

**MATERIA MEDICA AND THERAPEUTICS**

CHESTER A. DUNCAN, B.S., P.C., P.D.

Professor of General Materia Medica

JAMES AVANN, D.D.S.

Professor of Dental Therapeutics

A complete course of general materia medica and dental therapeutics will be given and special attention will be called to the nature and therapeutic uses of those drugs required in dentistry. Students will be given opportunities to become personally familiar with the physical properties of drugs, the compounding of prescriptions, and the methods of applying topical remedies.

Special attention will be given to Dental Therapeutics and the practical application of such drugs and agents as are generally used in a dental infirmary or in actual practice.

**ORAL HYGIENE AND PERIODONTIA**

WILLIAM P. DELAFIELD, D.D.S.

Professor of Hygiene and Peridontia

The course comprises a consideration of the principles and underlying preventive dentistry and the methods of personal care of the mouth and teeth. Oral hygiene is primarily concerned with the preservation of the equilibrium of the oral cavity and its contents, consequently, emphasis is laid upon the maintenance of this equilibrium and the etiologic factors of dental caries. The efficiency of oral preparation is studied in regard to their therapeutic and prophylactic effects and their influence upon the normal physiologic cleansing of the oral cavity.

**ORAL SURGERY**

ATHOL L. FREW, D.D.S.

Professor of Oral Surgery

This department is both didactic and clinical. The surgery of the mouth, jaws and associated parts is covered. The treatment of inflammatory lesions, fractures, dislocations, malformations and tumors is taught as well as the extraction of teeth under all conditions. The class is divided into sections and required to attend clinics which are held in the Infirmary and the Baylor University Hospital. In this way the student sees various operations performed and becomes familiar with surgical technic and asepsis. The use of the X-ray for diagnostic purposes is also taught.

**OPERATIVE DENTISTRY**

ARTHUR L. NYGARD, D.D.S.

Professor of Operative Dentistry

ALBERT W. ODELL, D.D.S.

Associate Professor of Operative Dentistry

CARL L. MOORE, D.D.S.

Instructor in Operative Dentistry

**Operative Dentistry**—The purpose of this course is to make the students thoroughly familiar with all modern and accepted methods. Instruction in this department covers the entire field of operative dentistry and consists of lectures and practical work in the laboratory and infirmary. After the students have been thoroughly grounded in the fundamental principles of dental operations and have grown familiar with the ordinary technical processes, they are instructed in the treatment of decay, the use of instruments and appliances, the preparation of cavities, the physical properties and relative value of filling materials and the best method of filling teeth. Other dental operations receive appropriate treatment.

The Dental Infirmary is open throughout the whole year. Each student must provide himself with the instruments necessary for his own use, a list of which will be furnished. He is required to perform all the usual dental operations as they present themselves, under the supervision of competent demonstrators, who are always on hand to offer advice and assistance under the direction of the professor.

**Operative Technic**—The course in operative technic is designed for the Freshman and Sophomore years and embraces lectures and laboratory work. The forms and structure of the teeth, together with the location, size and shape of the pulp chamber and canals, are carefully studied. The lectures are illustrated by means of charts and large models. The preparation of the various classes of cavities is taught in detail, as well as the use of filling materials.

As a preparation for the actual work in the clinic, students are required to make operations on a Dentech, a mechanical contrivance in which natural or carved teeth are mounted to simulate conditions in the mouth. Students are thus familiarized with the technique of operations before performing them upon living subjects.

### ORTHODONTIA

OSCAR E. BUSBY, D.D.S.  
Professor of Orthodontia

APLEE B. CONLEY, D.D.S.  
Associate Professor of Orthodontia

The course in this branch will commence with the study of the dental organs during development and eruption. Special attention will be given to the temporary teeth and the influence they exert in directing the normal, typical of every variety met with in practice, will be dealt with and a classification made based on the treatment required.

The different methods employed in correcting these conditions will be fully demonstrated, together with the mechanical appliances used.

### PEDIADONTIA

JUANITA WADE, D.D.S.  
Professor of Pediadontia

The course in pediadontia involves the care of children's teeth and will include operative technic, oral hygiene and management of children. This is accomplished by lectures and clinical demonstrations.

### PHYSICS

CLARENCE L. PRITCHARD, A.B.  
Instructor in Physics

This course will embrace the study of the properties of matter, physical measurements, metric system of measures, volume, mass and density, specific gravity, force and equilibrium, hydraulics, hydrostatics and pneumatics, motion, velocity and acceleration, composition and resolution of forces, Newton's laws, gravitation, work, energy and power, machines, temperature and thermometry, specific heat, effect of heat, sound, radiant energy, electrostatics, electrokinetics, sources, properties and uses of electric currents, dental applications of electricity.

It will include an examination into the physical properties of filling materials, tooth structure, plaster, rubber, steel, porcelain, hand pressure, mallet force, stress of mastication, light and color.

## BAYLOR UNIVERSITY

## PHYSIOLOGY

FRED TERRY ROGERS, A.B., M.A., Ph.D.

Professor of Physiology

HOYT S. HOPKINS, A.B., Ph.D.

Assistant Professor of Physiology

SHEPHERD D. WHEAT

Assistant in Physiology

The purpose of this course is to make the student thoroughly acquainted with modern Physiology and its bearing upon the study of Dentistry. Instruction in this department consists of lectures, recitations, demonstrations, and lantern-slide illustrations for the entire class and a series of experiments in the laboratory for the purpose of teaching the fundamentals of physiology objectively, and training the mind and senses in the habits of critical observation.

## PROSTHETIC DENTISTRY

JUDD M. McMINN, D.D.S.

Professor of Prosthetic Dentistry

BIRCH L. McCOY, D.D.S.

Associate Professor of Prosthetic Dentistry

BEN FRANK GIFFORD, D.D.S.

Instructor in Prosthetic Dentistry

THOMAS M. TISSIER, D.D.S.

Instructor in Prosthetic Dentistry

**Prosthetic Dentistry**—The course in prosthetic dentistry will embrace a systematic course of theoretic and practical instruction, consisting of lectures, with practical work in the laboratories and infirmary. During the Freshman year the students are taught the use of materials and appliances; the different methods employed in taking a perfect impression of the mouth, the making of models, dies and counter dies; the swaging and casting of metal base plates, and the selection and arrangement of teeth. The finishing and polishing of base plates, made of the different materials, are thoroughly demonstrated.

During the Sophomore year the students are given advanced work along the same lines, and a course of thorough practical work in the laboratory.

The work of the Senior and Junior students, in this branch of dentistry, is mainly of a practical nature. They practice in the infirmary for treatment.

**Prosthetic Technic**—The value of thorough, practical preliminary training is so apparent that special pains are taken to make the course in prosthetic technics, which extends through the Freshman and Sophomore years, comprehensive and complete in every detail. The course embraces the construction of artificial dentures and of appliances now in use, and includes the taking of impressions and the bite of articulated models. The methods of selecting and arranging the teeth for an artistic artificial denture are thoroughly dwelt upon.



**RADIOGRAPHY**

**JAMES M. MARTIN, M.D.**

Professor of Radiography

In the series of illustrated lectures the principles of the X-ray are thoroughly explained, including its history, the means employed in its production; apparatus and the rules governing its manipulation. The growing importance of Radiography in diagnosing obscure pathological conditions within the mouth, as well as locating the cause of remote secondary infections, is daily becoming more apparent. The College has a complete radiographic laboratory in connection with the Infirmary.

**TECHNICAL DRAWING**

**LEO. S. BARRETT, A.B.**

Instructor in Technical Drawing

A progressive course of charts has been worked out, with the view of training the student to an appreciation of tooth and anatomical form and of teaching the drawing of graphs, projections and certain dental instruments. This course has been found to develop a desirable sense of accuracy and to prepare for the work of the technic and science laboratories.

**ALUMNI ASSOCIATION**

**OFFICERS FOR 1920-1921**

PAUL M. WOODS, D.D.S.....Putnam, Texas  
President

EDWARD TAYLOR, D.D.S.....Lone Oak, Texas  
Secretary and Treasurer

The membership of the Alumni Association includes all graduates of the State Dental College and the Baylor University College of Dentistry. The list has become too cumbersome to print in the catalogue each year. It is a strong organization promoting the interests of the students and graduates. One of the features of the association is an annual home-coming and clinic, and it is hoped that interest in this clinic will grow from year to year until it takes its place as a recognized contribution to the progress and advancement of the science of dentistry.

## BAYLOR UNIVERSITY COLLEGE OF DENTISTRY

### ENROLLMENT FOR SESSION 1920-21

#### FRESHMAN DENTAL CLASS

Brittain, John Reynolds.....Texas	McCorkle, Thomas Guy.....Texas
Brown, Ralph Newman.....Texas	Murphey, Phelps John.....Texas
Clegg, Ernest Walter.....Texas	Neal, Marion Thomas.....Texas
Compton, Vallis Edward.....Texas	Orozco, Salvadore P.....Texas
Dalrymple, Rondo H.....Texas	Perkins, Robert Hazen.....Arkansas
Davis, Roy Samuel.....Texas	Schulkey, Carl Henry.....Texas
Davis, Harold.....Texas	Scott, Russell Winfield.....Texas
Feller, Max.....Texas	Simmons, John Joseph.....Texas
Garvin, Franklin Martin.....Texas	Slaton, Carl Hoover.....Texas
Harris, Carroll.....Texas	Smith, Walter Jim.....Texas
Harnesberger, Gordon B.....Texas	Spear, Ray Lorraine.....Texas
Hatfield, Renslieu Reed.....Kansas	Struhall, Rudolph Lewis.....Texas
Hicks, Hardy Henson.....Texas	Stubblefield, Carl.....Arkansas
Johnson, Emmett R.....Texas	Thomas, Howell Alexander.....Texas
Krenek, Ernest Martin.....Texas	Turner, Lewis John.....Missouri
Lawrence, Clifton Hyde.....Texas	Warren, Richard James.....Texas
Lumpkin, Oney Winton.....Oklahoma	Webster, Marion Francis.....Okla.
Martin, Herbert Reeves.....Texas	Wood, Horace E.....Texas

#### SOPHOMORE CLASS

Ammons, Eugene Morel.....Texas	Lynn, Hugh McQuiston.....Arkansas
Ball, Samuel W.....Texas	Nix, Riley Franklin.....Texas
Braly, Sherrod Aston.....Texas	Owen, Fred Bedford.....Texas
Childress, Delbert Torbett.....Texas	Roberts, Edwin McKay.....Texas
Crabb, John Fletcher.....Texas	Robertson, Edward Fern.....Texas
Cradock, Harold James.....Texas	Sweepston, Otis Leaman.....Texas
Goode, Marquis Gideon.....Texas	Tiedeman, Emma Althea.....Texas
Jones, Marshall Lamat.....Texas	Weldon, Bunyan Burns.....Texas
Leggett, Justin Aytch.....Texas	West, Ernest Evans.....Texas

#### JUNIOR CLASS

Batson, Wade R.....Texas	Malitz, Howard George.....Texas
Clements, Charles Carroll.....Texas	Meador, Orvis Ellis.....Texas
Graves, Clarence Elmo.....Texas	Morgan, Scruggs S.....Texas
Hillin, Glen Roy.....Texas	Musick, Murray G.....Texas
Ingham, George Grimes.....Texas	McRimmon, Carl Doud.....Texas
Jordan, Irvine Glenn.....Texas	Williams, John Edward.....Oklahoma
Lipscomb, Thomas Abner.....Texas	

#### SENIOR CLASS

Ater, George Hubert.....Texas	Lively, Berton Auburn.....Texas
Bernal, Stephen Joseph.....Missouri	Means, Raymond Webster.....N. Mex.
Bickham, Wilford Haven.....Texas	Meyer, Raymond Lewis.....Texas
Bohannon, Wm. Thomas.....Arkansas	McClintic, Geo. V.....Oklahoma
Carrington, Alvin Lafayette.....Texas	McDonald, St. Elmo G.....Texas
Coulston, William Jay, Jr.....Iowa	McWhorter, Jennings Kearby, Tex.
Dixon, Carroll Beasley.....Texas	Robinson, Miss Willie B.....Texas
Evans, Clarence Gilbert.....Texas	Thacker, Clive McClinton.....Texas
Glover, Austin Texas.....Texas	Tissier, Thomas Marion.....Texas
Hicks, Lloyd McIlhaney.....Texas	Tipton, Henry Noel.....Texas
Hughes, Homer Harrison.....Texas	White, Harry Early.....Oklahoma
Jones, Lear Marion.....Texas	Zachry, Daniel Hayes.....Texas