

VOL. VIII

JULY 1, 1919

No. 1

BAYLOR UNIVERSITY
COLLEGE OF DENTISTRY

DALLAS, TEXAS



Founded 1845 at Independence
under the Republic of Texas

THE CATALOG
1918-1919
ANNOUNCEMENTS
1919-1920

Published by the University
Issued Quarterly

BAYLOR UNIVERSITY

For more than seventy years Baylor University has played a conspicuous and forceful part in the education and training of the nation and particularly of Texas and the Southern States. 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. Among recent advances may be mentioned the amalgamation of the Fort Worth Medical School and the State Dental College of Dallas with the Department of Medicine of the University. These two colleges have brought to the University a strong addition to its faculty and largely increased facilities, in addition to the helpful interest of its large number of prominent alumni.

DEPARTMENTS

THE COLLEGE OF ARTS AND SCIENCES. Located at Waco, Texas. The curriculum leads to the degree of Bachelor or Master of Arts.

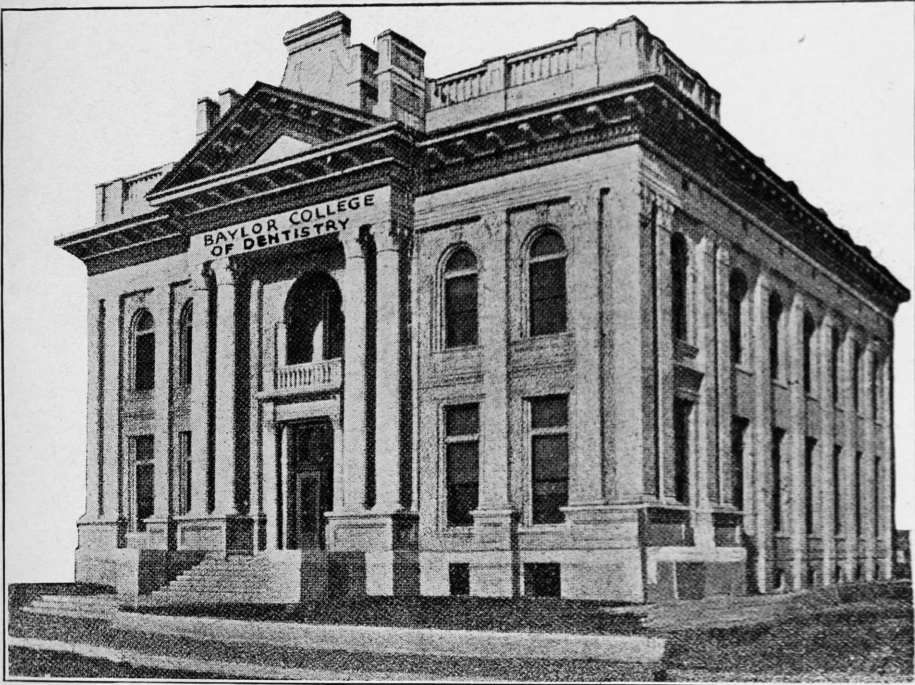
THE COLLEGE OF FINE ARTS. Located at Waco, Texas. Exceptional advantages offered in Piano, Voice, Expression, etc.

THE SCHOOL OF EDUCATION. Located at Waco, Texas. Gives preparation for the teaching profession.

THE COLLEGE OF MEDICINE. Located at Dallas, Texas. Offers a course in Medicine, extending over a period of four years and leading to the degree of Doctor of Medicine. It is a recognized College of "A" grade.

THE COLLEGE OF DENTISTRY. Located at Dallas, Texas. Founded in 1905. It is designed to teach the art of dentistry as an integral part of the College of Medicine. The course of study leading to a degree of Doctor of Dental Surgery covers a period of four years. It is an officially recognized College.

THE COLLEGE OF PHARMACY. Located at Dallas, Texas. Organized in 1903. The course of study leading to the degree of Graduate of Pharmacy.



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BAYLOR UNIVERSITY
COLLEGE OF DENTISTRY CALENDAR

Session of 1919-1920

1919

- September 22Monday—Examinations for removal of conditions
and for advanced standing.
- September 29Monday—College session begins.
- October 9Thursday—Last day of admission and entrance of
students.
- November 27Thursday—Thanksgiving holiday.
- December 22Monday—Christmas and New Year's holidays begin
and extend to January 1, 1920, inclusive.

1920

- January 2Friday—Lectures and work resumed.
- January 22.....Thursday—Mid-term examinations begin.
- February 2Monday—Second semester begins.
- May 14Monday—Final examinations for graduation begin.
- May 19Wednesday—Final examinations for other classes
begin.
- May 30.....Sunday—Baccalaureate sermon.
- June 3.....Thursday—Commencement.

BAYLOR UNIVERSITY

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Secretary and Registrar

COLLEGE OF DENTISTRY FACULTY

SAMUEL PALMER BROOKS, A.M., LL.D.
President of the University.

JOSEPH S. WRIGHT, D.D.S. ✓
Professor of Crown and Bridge Work.

ARTHUR L. NYGARD, D.D.S. ✓ *wednesday* *Monday* *Friday*
Professor of Operative Dentistry, Materia Medica and Superintendent of Infirmary.

BUSH JONES, D.D.S. 0
Professor of Dental Ethics and Economics.

ATHOL L. FREW, D.D.S. ✓
Professor of Oral Surgery.

JUDD M. McMINN, D.D.S. ✓
Professor of Prosthetic Dentistry.

J. HARVEY BLACK, M.D. *Saturday* ✓
Professor of Bacteriology and Hygiene.

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

LEWIS WILLIAM FETZER, Ph.D., M.D. ✓ *Saturday* *Wednesday*
Professor of Physiology and Pharmacology.

ELDON L. KNOX, D.D.S. ✓
Professor of Dental Pathology and Histology.

GEORGE THOMAS CALDWELL, A.M., Ph.D., M.D. ✓
Professor of Pathology.

GRAYDON M. TERRY, D.D.S. 0
Professor of Conductive and Local Anaesthesia.

THOMAS L. WESTERFIELD, D.D.S. 0
Professor of Dental History.

CLARENCE M. GRIGSBY, M.D. ✓ *RB Files*
Professor of Physical Diagnosis.

JAMES M. MARTIN, M.D. ✓
Professor of Radiography.

WILLIAM W. LOONEY, M.D. ✓ *Freshman*
Professor of Anatomy.

WALTER A. GROUWS, D.D.S. ✓ *Monday afternoon*
Professor of Dental Anatomy.

WALTER E. THRUN, M.S., Ph.D. ✓ *Monday* *Wednesday*
Professor of Chemistry and Metallurgy.

WILLIAM P. DELAFIELD, D.D.S. ✓

H.W. Peak Professor of Pyorrhea and Prophylaxis.

~~LYNN B. MILAM, A.B., LL. B. ✓~~

Professor of Dental Jurisprudence.

Sat morning JAMES G. POE, M.D. ✓

Professor of General Anaesthesia.

MARVIN D. BELL, A.M., M.D.

Wed morning RALPH V. BANGHAM, A.B., B.S., A.M. ✓

Assistant Professor of Histology and Embryology.

Thursday ROBERT B. GILES, M.D. ✓

Associate in Physiology. *physiolog.*

HENRY L. ADLER, D.D.S. ✓

Lecturer on Obturators and Facial Orthopedic.

TRIMBEL HOUSTON, D.D.S. ✓

Lecturer on Syphilis and Syphilitic Lesions of the Mouth.

Miss M. M. M. JOSEPH MAYER, A.B., A.M. ✓

Instructor in English.

JAMES S. HENRY, A.B. ✓

Instructor in Physics.

L. S. BARRETT, A.B. ✓

Instructor in Technical Drawing.

ALBERT W. ODELL, D.D.S.

Clinical Instructor.

Wed morning JOHN D. HYDE, D.D.S. ✓

Instructor in Prosthetic Technic.

Wed morning WILLIAM D. LATASTE, D.D.S. ✓

Instructor in Operative Technic.

Wed morning
Thursday
Dr. A. C. Sloan
Dental Histology

GENERAL INFORMATION

The College of Dentistry was founded and is maintained for the purpose of preparing young men and young women in the most thorough manner for the practice of dentistry, and for the promotion of dental science and dental literature.

The College of Dentistry was founded in 1905, by the State Dental College, and became a department of Baylor University in 1918. It is now located at 1420 Hall Street.

The dental building is in the transportation center of over one million people living within a radius of one hundred miles; a location especially advantageous for obtaining the great number of clinical patients needed in a dental school.

SITUATION AND SURROUNDINGS

The central location of the school and its convenient access from every point affords many and peculiar advantages to its students. It gives them the widest possible range of choice of residence while attending the school, without inconvenience in coming and going. It also gives the widest range of territory from which to draw the extensive clinic so necessary to a great dental school. The patients for this clinic come from all parts of the city of Dallas and the Southwest. The personal influence of the students at the school, each one of whom draws from his own friends and acquaintances, made in and about his place of residence, is an invaluable adjunct to the number who come simply as acquaintances of the school. Patients who come as the friends of students make up the personal clinical practice of the individual student.

In this the out-of-town students seem to be in no respect less favored than the student whose home is in the city. This gaining, and holding, a personal clinical practice under the supervision of the instructors in the clinic rooms, has come to be one of the features of this school that has a tell-

ing effect upon the after-practice of its students. By his plan of work the student not only learns the theory of practice and the manipulations of practical operations in dentistry, but he passes at once to the work of real experience in building a practice for himself; in gaining that skill in professional comity and personal manner between himself and his patients, which is as necessary to him in after years, in drawing together and maintaining a practice as his knowledge of dental diseases and his skill in their treatment.

INFIRMARY

The Infirmary, under the direction of the dean and demonstrators, is open daily, except Sundays and holidays, during the entire year. This department is justly considered of the greatest practical importance. Here, by the experience gained in actual practice, the student lays the foundation for operative skill in his profession. For this work half of an entire floor has been set aside, with a general office, and with a clerk and assistants constantly in charge to receive patients. The Infirmary is equipped with every convenience for holding the entire outfit of the student, including the dental engine, instrument cases, etc. It also includes a room for extracting teeth, supplied with appliances for the administration of the various anaesthetics used in dentistry. The laboratories are fitted out with modern apparatus for teaching all departments of Prosthetic dentistry. They are equipped with good benches, tables, electric lathes, heating appliances, electric furnaces and lockers for instruments.

The operative and prosthetic departments provide abundant clinical material. In addition to the teaching of routine and advanced clinical methods in operative, prosthetic and crown and bridge work, special attention is devoted to the demonstrations of such modern features of dental science as the prolonged administration of nitrous oxide and oxygen, the technique of infiltration and conductive anaesthesia and ionic medication.

COURSES

Baylor University offers two courses in dentistry, as follows:

First—The regular four-year dental course leading to the degree of Doctor of Dental Surgery. This is the course prescribed by the Dental Educational Council of America.

Second—Students doing two years of required college work in the University at Waco will be given the degrees of Bachelor of Arts and Doctor of Dental Surgery on completing four years' work in the Baylor University College of Dentistry.

The same combination is made for the College of Medicine whereby the degrees of Bachelor of Arts and Doctor of Medicine are given in six years.

Should a student do three years of required work in the University at Waco, then on completing two years' work in the Baylor University College of Dentistry at Dallas, the degree of Bachelor of Arts will be given.

The same combination will be given in the Baylor University College of Medicine.

ADMISSION

Men and women are admitted under the same conditions.

A candidate for admission to the Dental College for the year 1919-1920 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 units of high school work obtained in a four-year course. No conditions 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 ex-

aminers may issue a certificate upon presentation of credentials from schools attended, or upon the passing of written examinations given by him.

This college will receive no student who is not present within ten days after the opening day of the session in each year, or in case of illness properly certified by the attending physician, within twenty days after the opening day.

ADMISSION TO ADVANCED STANDING

Students wishing credit for courses required in this college, should bring credentials for same, and should present their notebooks. No credit on the dental course will be allowed for high school chemistry, physics, botany, zoology or biology.

Students who present certificates from other Class A dental colleges covering subjects required in this college, may be accredited with such studies if their preliminary education was such as would have admitted them to this college as freshmen, and if the credentials are satisfactory to the dean and to the professors in the respective departments; but credits are not accepted unconditionally. The faculty reserves the right to examine any applicant for advanced standing, if in its judgment that should be desirable. When admitted to the senior class the candidate must do one full year's work in this college.

Examinations for advanced standing and for the removal of conditions in the dental course will begin——

A schedule of these examinations will be furnished upon request.

FEES

Matriculation fee	\$ 5.00
Tuition, each year	160.00
Laboratory deposit	5.00
Breakage fee (returnable)	5.00

Microscope fee	5.00
Athletic fee	5.00

This includes all laboratory fees and charges for materials used in practical anatomy.

All regular students must pay their tuition and fees apportioned as follows: Freshman students, \$105.00 upon entrance to the fall semester of each year, and \$80.00 due and payable February first of each year; Sophomore students, \$100.00 upon entrance to the fall semester of each year, and \$80.00 due and payable February first of each year; Junior students, \$100.00 upon entrance to the fall semester of each year, and \$80.00 due and payable February first of each year; Senior students, \$100.00 upon entrance to the fall semester of each year, and \$80.00 due and payable February first of each year.

Special students attending all classes must pay the same fees as regular students.

The college recognizes nothing less than a full year's instruction; that is, when a student fills out a matriculation blank for any year of a regular course, he thereby tacitly agrees to remain throughout the school year and becomes liable for the entire year.

The division of the yearly fee into two installments is intended purely for the purpose of making terms of payment less arduous and in no wise indicates payment for half-year work, nor lessens the liability of the student for the entire year's fee.

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

All breakage and loss of books not directly traceable to the individual student is assessed pro rata, and any sum remaining to the credit of the student will be returned at the expiration of the course.

No officer of the College of Dentistry has power to change this ruling of the president of the University.

All tuitions, fees and deposits are to be paid to the registrar at his office in the college building.

The libraries of the Colleges of Dentistry, Medicine and Pharmacy contain approximately 3400 books, which include all the more important texts and reference books needed for instruction and research. The libraries are increasing from year to year, and students will be encouraged to make themselves familiar with all the best literature attainable on the subject of dentistry and allied branches of science.

ATHLETICS

The athletic association provides for the following sports and pastimes: Baseball, running, basketball, tennis, etc. The students in the College of Dentistry, with the students of other departments of the University, are eligible to membership in this association.

INFORMATION

For information by mail, apply to the Dean or Secretary of the Baylor University College of Dentistry, Dallas, Texas.

We call the attention of students to the advantage of matriculating early, in order that they may have ample time in which to secure boarding places. They will thus avoid any interruption in their studies at the beginning of the term.

The faculty of the College of Dentistry reserves the right to terminate the connection of any student with the institution at any time on the ground of mental or moral unfitness for the dental profession, or improper conduct while connected with the school.

EXAMINATIONS

Professors and instructors render monthly reports to the office upon the attendance and progress of each student in every course, and at the close of the first semester an examination is held to test the proficiency and advancement of every student.

At the conclusion of the instruction in each department, there is held annually a written examination on all the subjects of the department. Before the examination, the instructor in the subordinate branches submits to the professors in charge the questions that they desire to be included.

A student who has less than 85 per cent credit for attendance in the course is not eligible for examination, and no student shall be admitted to examination for advancement or graduation until all indebtedness for instruction is paid.

Any student who attempts to give or who receives aid in any manner from another, or who brings into the examination room any book, notes or other memoranda on the subject-matter of the examination, or who attempts to communicate with another student, except through the person conducting the examination, is suspended or expelled, as the executive faculty may direct.

The standing of a student in any branch will be determined by combining the record of his recitations and examinations, both written or oral, and his laboratory and clinical work.

The instructor in each subordinate branch shall report within five days after an examination is held to the senior professor of the particular chair the standing of each student, and this rating shall be used in estimating the standing in the principal branch. 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 his subjects.

All reports on final examinations are rendered by the heads of the departments within ten days after such examinations are held.

CONDITIONS AND FAILURES

A grade between 60 and 75 per cent in any subject constitutes a condition, and three conditions constitute a failure. A grade below 60 per cent in any subject also constitutes a failure and the student will be required to repeat the course in that subject.

Candidates for graduation shall be informed of their success or failure by the dean on the day following the report to the faculty of their rating, and all other students within 15 days after examination.

RULES GOVERNING REMOVAL OF CONDITIONS AND SUPPLEMENTARY EXAMINATIONS

A student who fails in a course, but with a final grade not below 60 per cent is entitled (after payment of the required fee) to a supplemental examination. This applies also to students who were absent from the regular examination.

A student who fails in a course with a final grade below 60 per cent must repeat all, or part of the work of that course before being eligible to an examination. Such may be done (a) in approved summer course, (b) under an approved tutor, or (c) with the regular course given to the next class, according as the Executive Faculty may direct.

After repeating a course the student is eligible to enter the next examination, regular or supplementary.

The supplementary examinations will begin the last week in September. Students must inform themselves of the exact dates by application to the registrar. No student will be allowed to enter the senior year with a condition.

A student, entitled to enter a supplementary examination who fails to appear at the time scheduled for the examination, must repeat the course before being eligible to examination.

Under very exceptional circumstances, such as serious personal illness, a special examination may be allowed by vote of the Executive Faculty. This entails a fee in excess of that for supplementary examinations.

PROMOTIONS AND CLASSIFICATION

The regular promotion from one class to another will be made by the Executive Faculty after the May examinations, and each student shall be informed in writing of his standing.

A student will not be allowed to enter a higher class until he has shown his fitness to carry the work of that class.

No student will be allowed to enter the senior year with a condition.

Upon failure in one subject of the fourth year a student may, with the approval of the Executive Faculty, be allowed the privilege of a re-examination before October 10. If he passes he shall receive his degree at the following commencement; if he fails again he must repeat the year.

REQUIREMENTS FOR GRADUATION

At the close of the fourth year a student who has passed all examinations satisfactorily receives the degree of Doctor of Dental Surgery (D.D.S.) on the following conditions:

Candidates must be of age and of good moral character.

Candidates must have passed a satisfactory examination in all the branches of the curriculum; must have attended the practical instructions in all departments, and the last course of instruction must have been at this college.

The examinations are conducted in writing, and are held at the middle and close of each term, thus dividing the strain upon the student.

Prior to such examinations specimens of operations upon the natural organs performed in the Dental Infirmary must be exhibited to the Professor of Operative Dentistry, and such other specimen work as he may require; also an approved specimen of dental mechanism constructed in the dental laboratory upon a model of practical use must be submitted to the Professor of Oral Prosthesis.

No student will be admitted for advancement of graduation until all indebtedness for instruction shall have been paid.

METHODS OF INSTRUCTION

The course of instruction will consist of clinical and il-

illustrated lectures, recitation, demonstrations, dissecting and laboratory work, and clinical instructions. The number of students taken in each class allows each member to come into close contact with the professors, and insures the most thorough individual instruction. The dental laboratory is fully equipped with every modern appliance and ample lockers, etc. Here the student receives his first instruction. Every process of value known to mechanical dentistry is taught in this department.

Demonstrations by the instructors begin with taking impressions of the mouth by the use of the several materials employed for the purpose. The instruction, in this progress, includes consideration of the construction of artificial denture and obturators in all their wide variety.

The clinical department, or infirmary, consists of large operating rooms supplied with all the latest devices. The chairs are so arranged as to command the best light. There is a separate room for the administration of anaesthetics for the extraction of teeth; also for taking impressions, occlusions and doing work requiring the use of plaster or wax.

There is also installed in this department the most modern X-Ray apparatus for the examination of defects and diseases of oral cavity and for making Skiagraphs in cases of delayed eruption of the teeth—impact teeth, fracture of the jaw, etc. Both infirmaries are under the immediate and continuous direction of a corps of competent demonstrators, who are ready to instruct and assist the student in his work. In these departments the student is taught the art of operative and prosthetic dentistry. The number of patients is very great, and the opportunity for practice is excellent. The student not only witnesses every kind of dental manipulation as practiced by the experienced operator, but is himself taught to accomplish all that pertains to the daily duties of a dental surgeon by actual practice.

This intimate union of theoretical and practical instruction will be insisted on during the entire session.

No student will be allowed to operate in the infirmary unless provided with the necessary instruments, a list of which is obtained on application to the demonstrator in charge, with the exception of forceps, lathes and vulcanizers.

Students are required to continue in attendance until the close of the session in order to obtain credit for the full term.

Any student associated in any capacity in an advertising dental office will not be allowed to continue his course.

The operating rooms of the college are open for instruction the entire school year, and students are obliged to attend regularly each session during the year.

A practical course of four months is given by the infirmary, from June 1st to October 1st. The course embraces a thorough instruction in Operative and Prosthetic Dentistry and Anaesthetics.

CURRICULUM

The students are graded in four classes, designated as the first, second, third and fourth, the last being the senior.

The complete curriculum of study comprises four courses extending throughout four years; each annual course which is not less than 32 weeks.

The course shall consist of didactic lectures, recitations, laboratory work, demonstrations and practical work in the infirmary with other practical clinics and examinations.

Four years' attendance at a dental college whose requirements equal our own are required of all candidates for the degree of Doctor of Dental Surgery, the last to be pursued at this institution.

The branches of study pursued and the arrangement of the courses according to years are shown in the table given on the next page.

TO THE PROFESSION

A great many extracted teeth are required and the dentists are respectfully requested to send all extracted teeth to the college at our expense. This will be greatly appreciated.

BAYLOR UNIVERSITY

Dental Course Arranged According to Years

FIRST YEAR

Subjects	Lectures and Recitations	Laboratory Work	Total No. Hours
Biology	32	64	96
Physics	96		96
English	96		96
Technical Drawing		48	48
Dental Anatomy.....	16	80	96
Chemistry (Inor.)	64	96	160
Anatomy	64	96	160
Histology (Gen'l)...	32	94	126
Operative Technic...		112	112
Prosthetic Technic		160	160
Crown & Bridge.....		160	160
Metallurgy	16	48	64
Total			1374 hours

SECOND YEAR

Chemistry (Org.)...	64	96	160
Anatomy	64	96	160
Physiology	64	48	112
Operative Technic...		160	160
Prosthetic Technic		288	288
Crown & Bridge.....		160	160
Pathology (Gen'l)...	32		32
Bacteriology	32	96	128
Histology (Dental)	32		32
Total			1232 hours

THIRD YEAR

Prosthetic Dentistry	32		32
Material Medica and Pharmacology	64	32	96
Physiology	32		32
Oral Hygiene.....	32		32
Operative D'ntistry	64		64
Crown & Bridge.....	32		32
Dental Materia Medica	32		32
Pathology (Dental)	32		32

Physical Diagnosis	16	16
Orthodontia	32	32
Gen'l Anaesthesia...	16	16
Local Anaesthesia...	16	16
Clinic in Operative, Prosthetic, Oral Surgery, Ortho- dontia, Prophy- laxis		944
Total		1376 hours

FOURTH YEAR

Crown & Bridge.....	32	32
Orthodontia	32	32
Operative D'ntistry	64	64
Prosthetic D'ntist'y	32	32
Pathology (Dental)	32	32
Jurisprudence		
Ethics		
Economics		
Dental History.....	32	32
Radiology	32	32
Oral Surgery.....	32	32
Clinic in Operative, Prosthetic, Oral Surgery, Ortho- dontia, Prophy- laxis		1024
Total		1312 hours

RECAPITULATION

First year	416	958	1374
Second year	288	944	1232
Third year	400	32	944	1376
Fourth year	288	1024	1312
	<u>1392</u>	<u>1934</u>	<u>1968</u>	<u>5294</u>

DEPARTMENTS

ANATOMY, HISTOLOGY AND OSTEOLOGY

WILLIAM W. LOONEY, M.D.
Professor of Anatomy.

WALTER A. GROUWS, D.D.S.
Professor of Dental Anatomy.

RALPH V. BANGHAM, A.B., B.S., A.M.
Assistant Professor of Histology and Embryology.

General Anatomy

General anatomy is thoroughly taught in the most careful manner. Models, plates and cadavers are abundantly supplied for the proper illustration of the subject. Special attention will be given to the descriptive anatomy of the head, face, neck and oral cavity.

The demonstrator of practical anatomy will have charge of the class in the dissection room, where dissecting material will be supplied in abundance.

Osteology

This course includes a careful study of every bone in the human body, the student being required to point out and designate the important and technical features upon an actual specimen. For the study of the skeleton it is very much like the study of the softer parts in the dissecting room, and is an indispensable preliminary to that work.

Professor Looney and Associates.

Dental Anatomy

This important subject is completed the first year. The student is required to do work in drawings, moldings, carvings and dissections. The drawings and moldings are larger than the natural teeth, the carvings being actual size made from bone or ivory blocks. Natural teeth are dissected. Each individual tooth is studied thoroughly, the significance of form to function being emphasized. The course includes also a study of the development of the teeth,

their eruption, both deciduous and permanent, and of their investing tissues—gums, peridental membrane and alvolar process.

Practical instruction is given in the preparation of mounted specimens, the actual work, so far as is practical, being done by the student. The relations of histology to embryology, physiology and pathology are duly considered. Throughout the course, drawings with descriptive notes are made of the microscopic appearances.

Professor Grouws.

Histology

This course consists chiefly of laboratory work. Recitations, with explanatory talks illustrated by charts and blackboard drawings, precede the laboratory work of the day and aid in interpreting its specimens. The laboratory is large and well lighted. Each student is furnished with a microscope, locker and accessories, and is instructed in the theory and practical use of the microscope. The elementary tissues are studied in the fresh state as well as after being stained and mounted.

The study of Dental Histology is taken up in the first year and continues throughout the year.

This course consists in the studies of the structures of the teeth and their associate parts, including their development. The laboratory work consists of the study of prepared specimens of the dental tissues and illustrations with lantern slides.

Professor Looney and Assistant Professor Bangham.

PHYSIOLOGY AND PHARMACOLOGY Inclusive of Materia Medica

LEWIS WILLIAM FETZER, Ph.D., M.D.
Professor of Physiology and Pharmacology.

ROBERT B. GILES, M.D.
Associate in Physiology.

HILLIARD J. HODNETT, Ph.G.
Instructor in Materia Medica.

One of the two features of the progress and development of modern dentistry is its closer association with the wider field of general medicine, through recognition of the fact that the foundations of each special branch are common to all. The dental practitioner of today, therefore, must acquire a fuller knowledge of the workings of the whole organism in order that he may more intelligently deal with the part which is his immediate province. To this end especial emphasis will be placed upon the practical applications of the physiological principles through lectures, recitations, demonstrations and laboratory work.

Students are required during the second year to take three hours of modern laboratory work per week and the experiments selected will cover the physiology of muscle and nerve, the heart and circulation of the blood and lymph, respiration, physical and chemical aspects of digestion, secretions, metabolism, excretions and the central nervous system. Every student is required to record and report all of the work done in the laboratory.

The course in materia medica will comprise especially those drugs recognized by the U. S. Pharmacopœia and special attention will be called to the pharmacodynamics and the therapeutic uses of those drugs required in the practice of dentistry. The toxicology and methods of treating cases of poisoning will also be a feature of the course.

In the course the student will be made familiar with the different agents employed to accomplish anaesthesia and practical demonstrations will be made in the laboratory of the different methods employed for the administration of the various anaesthetics.

Students will also be given an opportunity to examine the various crude and prepared drugs in the materia medica museum, and to compound and write prescriptions.

The work in materia medica begins in the second year and ends with the completion of the third year.

BACTERIOLOGY

J. HARVEY BLACK, M.D.
Professor of Bacteriology.

MARVIN D. BELL, A.B., M.D.
Assistant Professor of Bacteriology.

This is primarily a laboratory course, supplemented by lectures and recitations. The student is taught to prepare the various media employed in the isolation and cultivation of bacteria. Detailed cultural studies are made of the common pathologic organisms. Methods of isolation are carefully worked out. Particular attention is directed to the methods employed in the differentiation of bacteria by means of specific seria. Didactic and laboratory work upon the theories and phenomena of immunity make up a large portion of this course.

Professor Black and Associates.

BIOLOGY

RALPH V. BANGHAM, A.B.
Professor of Biology.

The course in general biology is designed to lay a foundation for the more technical courses in the biological sciences coming later in the curriculum.

Instruction is given first in the use of the compound microscope and in the methods of making laboratory records from original observation. This is followed by laboratory work on examples of the more important groups of plants, and invertebrate animals. The sequence in which the various forms are considered is such that the principles of evolution are brought clearly before the student. In select-

ing the types of organisms used for laboratory study forms of general interest and economic importance have been chosen whenever possible. Special emphasis is placed on organisms which are parasitic on man, and those which are concerned in the transmission of disease.

The lectures aim to bring out the significance of the work in the laboratory and to present in their broader aspects fundamental biological problems and principals.

CHEMISTRY AND METALLURGY

WALTER E. THRUN, M.S., Ph.D.

Professor of Chemistry.

(TO BE ELECTED)

Assistant Professor of Chemistry.

General, Inorganic and Organic Chemistry

The course is arranged to include general and inorganic chemistry. A feature of the course in chemistry is the elaborate system of laboratory demonstrations. These demonstrations are to small groups of students, who study, handle and do work with a splendid collection of electric, chemic and clinic apparatus of great value.

Metallurgy

This course consists of a thorough study of the metals in their application to dentistry. In the lectures and demonstrations upon this subject, elementary quantitative analysis is studied. Particular attention is devoted to the general principles of quantitative chemical analysis of dental alloys, refining of gold, silver and other metals, laboratory study of cements and other filling materials, assay of dental alloys for gold, silver, tin and platinum.

Professor Thrun and Associate.

DENTAL ECONOMICS

BUSH JONES, D.D.S.
Professor.

This course embraces practice building, methods of obtaining and retaining patients, business relations between the dentist and his patients, fees, accounts, records of operations, presentation and collection of accounts, methods of economy in the conduct of an office.

DENTAL JURISPRUDENCE AND ETHICS

LYNN B. MILAM, A.B., LL.B.
Professor.

Elementary principles of ethics; professional ethics; state laws relating to dentistry; dental laws; dental jurisprudence.

ENGLISH

JOSEPH MAYER, A.B., A.M.
Instructor.

The purpose of this course is to give, in one year, the outline of practical study of English. The theory of composition is given with the idea of having the student apply the precepts of analyzing authors, and as a guide in theme work. Editorials are discussed, both from a view to modern style, and as examples of argumentation. One day is devoted to public speaking, the class resolving itself into a debating society, for the discussion of current questions. The end sought is to give the student, as far as possible, a ready knowledge of the means of clear expression.

OPERATIVE DENTISTRY

ARTHUR LOUIS NYGARD, D.D.S.
Professor of Operative Dentistry.

WILLIAM D. LA TASTE, D.D.S.
Instructor of Operative Technic

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 methods of filling teeth. Other dental operations receive appropriate treatment.

Professor Nygard and Assistants.

OPERATIVE TECHNIC

The course is designed for the first and second year students and consists of 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, large models and lantern slides. The preparation of the various classes of cavities is taught in detail, as well as the use of filling materials.

As a preparation for 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.

PROSTHETIC DENTISTRY

JUDD M. McMANN, D.D.S.
Professor of Prosthetic Dentistry.

JOHN D. HYDE, D.D.S.
Instructor in Prosthetic Technic.

The instruction in this department is designed to impart a knowledge of all that pertains to the construction and application of artificial dentures and other oral appliance.

The more important subjects considered are: The preparation and treatment of the mouth for artificial dentures, the taking of impressions, a system of perfect articulations, the method of constructing the different bases used for dentures, and the construction and application of obturators.

Esthetic or artistic dentistry is systematically taught and enforced. In this it is shown how dentistry may be employed for improving natural deformities and for restoring the contours of the face.

Professor McMinn and Assistants.

CROWN AND BRIDGES

JOSEPH S. WRIGHT, D.D.S.
Professor.

This department gives a systematic course in theoretic and practical crown and bridge work. The course comprises technic work, including the preparation of the roots of the teeth mounted on models, the making of the bands, the curving of the cusps to articulation and the making of bridges to correspond to the organs lost. The latest and most approved systems are followed for making crowns and bridges and removable dentures.

Professor Wright and Assistants.

ORTHODONTIA

OSCAR E. BUSBY, D.D.S.

Professor.

No greater opportunities for prevention lie within the province of any branch of dentistry than in orthodontia. Realizing the vast possibilities of service to humanity already convinced of the vital importance of the normal alignment of the teeth and a uniformity of facial presentation. Believing that unique diversity of the painstaking effort required to master the technique of orthodontia will accelerate a student's desire to surpass his most sanguine expectations, and at the same time provide proficiency in all other undertakings. Senior students will be instructed in this important branch of dentistry and will do actual service in the infirmary.

Professor Busby and Assistants.

GENERAL PATHOLOGY AND DENTAL PATHOLOGY

GEORGE THOMAS CALDWELL, A.M., Ph.D., M. D.

Professor of General Pathology.

ELDON L. KNOX, D.D.S.

Professor of Dental Pathology.

Dental Pathology

The diseases of the teeth and associate parts are studied during this course. The pathology of the enamel and dentine, diseases of the pulp, affections of the peridental membrane and the various septic conditions connected with the teeth are discussed in detail. The object aimed at is to familiarize the students with the various pathological conditions so that they may be able to diagnose them accurately and treat them intelligently.

Professor Knox.

General Pathology

The principles involved during the formation of pathological products and the conditions of the body established

by their processes leading to those products receive especial attention. The disorders of nutrition and metabolism; diabetes; fever; general circulatory disturbances; local hyperemia; local anemia; hemorrhage; embolism; infarction; thrombosis; trophy; necrosis; inflammation; infections; granulomata; bacteria, and diseases caused by them are carefully studied with the microscope.

Professor Caldwell and Assistants.

ORAL SURGERY

ATHOL L. FREW, D.D.S.

Professor of Oral Surgery.

Oral surgery is a specialty which is a distinct outgrowth from dentistry. As the work of the dentist came to include operations upon the surrounding tissues, as well as upon the teeth themselves, the adoption of surgical methods and more thorough training in the principles and practice of surgery became necessary. The addition of instruction in this branch to the dental curriculum includes thorough instruction in the most advanced methods of operative technic, surgical anaesthesia, asepsis and antisepsis, and after-treatment of the case. The instruction is both didactic and clinical, and students are encouraged to study and treat personally cases under the supervision of the Professor of oral surgery.

Professor Frew and Assistants.

RADIOGRAPHY

JAMES M. MARTIN, M.D.

Professor of X-Ray and Electro-Therapeutics.

The value of Roentgen rays in determining conditions of the mouth and teeth has become so essential a feature in modern dentistry that a course of lectures and demonstrations has been provided for, which gives the student an insight into the principles and technique as well as the diagnostic uses of the Roentgen rays in operations upon the mouth and teeth,

In the fourth year the student will be required to follow cases from the infirmary to the Roentgen ray laboratory, see the examination made, and the diagnosis determined.

Professor Martin and Associates.

ANAESTHETICS

JAMES G. POE, M.D.
Professor of Anaesthetics.

The principles of anaesthesia are taught by lectures and clinical demonstrations. The entire field of anaesthesia, general and local, is carefully studied with special attention to their dental application. The various agents and anaesthetic methods, including Nitrous Oxide and Oxygen and Conductive Anaesthesia are given proper consideration as well as complications, dangers and after-treatment.

Particular attention is given to difficult extraction cases, impacted teeth, treatment of hemorrhage and accidents which may accompany extraction.

PHYSICS

JAMES S. HENRY
Instructor.

General Physics is given to the first year class and consists of lectures and an experimental course with particular emphasis on mechanics, heat and electricity and their application to dental theory and practice.

A number of important problems in dental physics will be included in the courses in operative and prosthetic dentistry. These will include the force required to condense cohesive gold, the hardness of various filling materials, shrinkage and expansion of amalgams, shrinkage and expansion of plaster.

TECHNICAL DRAWING

L. S. BARRETT, A.B.
Instructor.

The student is exercised in the use and care of drawing instruments, in lettering and mechanical drawing, including charts, projection, tooth form and dental instruments,

PERIODONTIA AND ORAL PROPHYLAXIS

WILLIAM P. DELAFIELD, D.D.S.
Professor.

This course will be given to students in their fourth year. It will consist of lectures and clinical demonstrations in which the causes, effects and treatment of pyorrhea alveolaris will be discussed. In these clinics and lectures the most approved methods of treatment will be shown, the proper instrumentation taught, and the methods used to restore teeth and their investing tissue to normal function will be demonstrated. Special attention will be paid to prophylaxis in this course.

Professor Delafield and Assistants.

ALUMNI ASSOCIATION
OFFICERS FOR 1919-1920

Officers for 1919-1920.

R. R. RAMEY, D.D.S., President.....Sulphur Springs, Texas
PAUL M. WOODS, D.D.S., Vice-President.....Putnam, Texas
HODGE SELLERS, D.D.S., Secretary-Treasurer, Sulphur Springs Texas
WILLIAM J. MEYERS, Asst. Secretary, 720 College Ave., Dallas, Texas

PROGRAM COMMITTEE

W. B. STEVENSON, D.D.S., Chairman.....Breckenridge, Texas
J. G. HICKS, D.D.S.....Stamford, Texas
JOHN H. SKINNER, D.D.S.....Brownwood, Texas

The Alumni Association of the College of Dentistry is a strong organization promoting the interests of students and graduates. Alumni records of the old State Dental College are maintained at Baylor and Baylor trustees are hopeful that the alumni of the State Dental College will regard the new institution with the same consideration that they would bestow on the school from which they graduated.

Those who wish to join should communicate with the secretary. 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.

COLLEGE OF DENTISTRY

MATRICULATES, DENTAL COLLEGE, 1918-1919

FRESHMAN DENTAL CLASS

Bringham, Nelson Alfred	Wylie, Texas
Clem, John Loyd	Ranger, Texas
Crabb, John Fletcher	Arlington, Texas
Davis, Harry Bemon	Livingston, Texas
Farrington, George Nathan	Lewisville, Texas
Flatow, Solomon Leo	San Antonio, Texas
French, Palmer John	Marathon, Texas
Greaber, Andrew B.	Dallas, Texas
Garrison, Ivey Orval	Comanche, Texas
Hartgraves, Herbert	Sumner, Texas
Hillon, Glenn Roy	Pine Hill, Texas
Ingham, George Grimes	Canyon, Texas
Joliff, Lindsay Gafford	Dallas, Texas
Kaufman, George Gerald	San Antonio, Texas
Lipscomb, Thomas Abner	Quitman, Texas
Meador, Orvis Ellis	Buda, Texas
Musick, Murray G.	Mt. Pleasant, Texas
Neeley, Ira Davis	Iola, Texas
Pearson, David Andrew	Springtown, Texas
Pearson, Thomas Franklin	Springtown, Texas
Quinn, Bryant Nelson	Iola, Texas
Rosenblatt, William	Dallas, Texas
Ross, Ray T.	Carthage, Texas
Shaw, Edward Nisbet	Cameron, Texas
Summerville, William Howa rd	Dallas, Texas
Umpries, Mitchell A., Jr.	Mesquite, Texas
Webb, Joe Huffman, Jr.	Collinsville, Texas
Waggoner, Frank George	Hamlin, Texas
Williams, John Edward	Durant, Okla.
Williamson, John Yandell	Milam, Tenn.

SOPHOMORE DENTAL CLASS

Ater, George Hubert	Bertram, Texas
Barnes, Decker Lee	Plainview, Texas
Bickham, Wilford Haven	Dallas, Texas
Bohanan, William Thomas	Huntsville, Ark.
Braden, Arthur Landa	Enid, Okla.
Carrington, Alva Lafayette	Quitman, Texas
Chandler, Albert Earl	El Campo, Texas
Chandler, William E Imer	El Campo, Texas
Clements, Charles Carroll	Copperas Cove, Texas
Coulston, William Jay, Jr.	Sac City, Iowa
Dixon, Carroll Beasley	San Antonio, Texas
Fisher, Aubra Milton	Grand Saline, Texas
Glover, Austin Texas	Sulphur Springs, Texas
Hicks, Lloyd McIlaney	Lubbock, Texas
Hughes, Homer Harrison	Los Angeles, Calif.
Jordon, Irvine Glenn	Dallas, Texas
Lively, Burton Auburn	Tyler, Texas
McClure, Harry Mayne	Jacksboro, Texas
McDonald, Glendower St. Almo	Hillsboro, Texas

McRimmon, Carl Doud	Troup, Texas
McWhorter, Jennings Kirby	Dayton, Texas
Means, Raymond Webster	Sedan, N. M.
Murphy, Maxwell Cole	Temple, Texas
Powell, Scott	Granbury, Texas
Ragsdale, Allen Kenneth	Georgetown, Texas
Rice, Ulysses Ashford	Rotan, N. M.
Robinson, Miss Willie B.	Temple, Texas
Swanson, Frank Dewey	El Campo, Texas
Swanson, William Edwin	El Campo, Texas
Taylor, Mose Homan	San Antonio, Texas
Thacker, Clive McClinton	Roaring Springs, Texas
Thompson, James Hamilton	Cleveland, Penn.
Thompson, John Maples	Broken Bow, Okla.
Tipton, Henry Noah	Farmersville, Texas
Tissier, Thomas Marion	Dallas, Texas
Tompkins, James Kilgore	Cedar Bayou, Texas
Tompkins, Louise Edison	Cedar Bayou, Texas
White, Harry Early	Yale, Okla.
Zachry, Daniel Hayes	Jefferson, Texas

JUNIOR DENTAL CLASS

Evans, Charles Gilbert	Houston, Texas
Grisham, Marion Oliver	Pine Hill, Texas
Jones, Charles Lee	Soper, Okla.
Jones, Mrs. Georgia D.	Shawnee, Okla.
Malitz, Howard George	Victoria, Texas
McKinney, Carl Brady	Brownwood, Texas
Nevitte, James Saxton	Dallas, Texas
O'Rourke, Joseph Francis	Houston, Texas
Phillips, Baily Alexander	Phoenix, Arizona

SENIOR DENTAL CLASS

Avann, James	Dallas, Texas
Blackwell, Almus Jesse	Gorman, Texas
Bloom, Harry Lee	Weatherford, Texas
Burnham, Thomas Rufie	Wilmot, Ark.
Callahan, Edward Thomas	Warren, Penna.
Cheatham, Charles William	Santa Anna, Texas
Coker, Rupert Melvin	Paris, Texas
Collins, George Wilson, Jr.	Clifton, Texas
Colquitt, David Millard	Dallas, Texas
Cooper, Edgar Jack	Fairlie, Texas
Coward, Charles Allen	Seadrift, Texas
Cummins, Wendell Foss	Cairo, Ills.
Darilek, August Anton	Flatonia, Texas
Douglas, Raiford Addington	Breckenridge, Texas
Farrington, Ferrel	Alba, Texas
Garrett, Oliver Leo	Mooreland, Okla.
Green, Edward M.	Alfalfa, Okla.
Greenburg, Arthur	Dallas, Texas
Hall, Ralph Raymond	Lacrosse, Kansas
Harmon, Virgil Eligah	Ft. Worth, Texas
Hicks, James Grady	Lubbock, Texas

Hyde, John D urwood	Dallas, Texas
Kalbfleisch, John Estes	El Reno, Okla.
— Lake, Grady Bailey	Dotson, Texas
- - Landers, William Eliza	Roxton, Texas
La Taste, William Dunbar	Dallas, Texas
Lovelace, Grover Cleveland	Hallville, Texas
Mann, David Lindsey	Kirbyville, Texas
McAlpin, Emory Clarence	Gilmer, Texas
McJimsey, Goree Ashford	Dallas, Texas
Morrison, Walter Zimmermann	Shelbyville, Texas
Oliver, Clyde Leslie	San Saba, Texas
Parmelly, John Bryan	Abilene, Texas
Payne, William Terrell	Decatur, Texas
Patterson, Harley Lee	Bloomfield, Mo.
Phillips, Brewer Ely	Hayden, Ariz.
Ramey, Royal Roger	Sulphur Springs, Texas
— Richmond, Fred Allison	Nora Springs, Iowa
Rickles, William Hobart	Shreveport, La.
Rochelle, Major Paul	Livingston, Texas
- Sanders, John Herman	Pine Hill, Texas
Sellers, Hodge	Sulphur Springs, Texas
Shultz, Frank Mallicote	Alvarado, Texas
Sibley, Emmett A.	Dallas, Texas
Skinner, John Allen	Brownwood, Texas
Smith, George Luther	Gilmore, Texas
Spear, Clyde Woodson	Dayton, Texas
Standley, Cade Bethea	Decatur, Texas
Stevenson, William Bert	Breckenridge, Texas
Stringfellow, Jack	Ft. Worth, Texas
· Wagener, James Wilbur	Bullard, Texas
Watkins, James Henry	Enid, Okla.
Wells, William Thomas	Dayton, Texas
White, Charles Emerson	Terrell, Texas
· White, Sidney Augustus	Yale, Okla.
Wille, Henry Louis	New Braunfels, Texas
Williams, Charles Roper	Wetumka, Okla.
Woods, Paul Mason	Putnam, Texas

