Vol. XXXI | INDIANA UNIVERSITY BULLETIN | February 28 No. 3 | (Official Series) | 1933

Entered as second-class mail matter January 28, 1916, at the postoffice at Bloomington, Indiana, under the Act of Congress of August 24, 1912. Published monthly, January and July, and semi-monthly, February to June, inclusive, by Indiana University, from the University Office, Bloomington, Indiana.

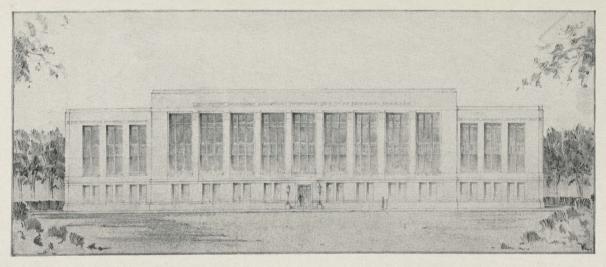
INDIANA UNIVERSITY SCHOOL OF DENTISTRY



DENTAL UNIVERS

Register, 1932-33
Announcements, 1933-34





The new School of Dentistry building, which is now being erected on the University campus on West Michigan Street in Indianapolis, near the School of Medicine and I. U. Hospitals, will be occupied by the School in August, 1933.

The building is 220 feet long by 65 feet wide, three stories with service basement, and constructed of Indiana limestone. The main clinic has a capacity of 80 chairs; the children's clinic, 18 chairs; and the surgery, prosthetic, and crown, and bridge clinics, 22 chairs.

All science and technic laboratories as well as lecture and research rooms are included in this building, making a complete dental teaching unit.

School Calendar

REGULAR SESSION, 1933-34

FIRST SEMESTER

September 14-16, Thursday to Saturday.
September 18, Monday.
September 19, Tuesday.
November 23, Thursday.
December 20, Wednesday.
January 3, Wednesday.
January 25, Thursday. Make-up examinations for undergraduates.

Matriculation and registration.
Recitations and lectures begin.
A holiday.
Christmas vacation begins.
Work resumed.
Semester examinations begin.
Close of first semester.

SECOND SEMESTER

January 29, Monday. January 30, Tuesday. May 24, Thursday. May 26, Saturday. June 11, Monday.

January 27, Saturday.

Enrollment for second semester. Work resumed. Final examinations begin. Close of second semester. Commencement.

Staff

BOARD OF TRUSTEES

BENJAMIN FRANKLIN LONG, Logansport. Term expires 1933.

GEORGE A. BALL, Vice-President, Muncie. Term expires 1933.

*MRS. SANFORD F. TETER, Bloomington. Term expires 1933.

*ORA L. WILDERMUTH, Gary. Term expires 1934.

CHARLES MAHLON NIEZER, Fort Wayne. Term expires 1935.

*JAMES WILLIAM FESLER, President, Indianapolis. Term expires 1935.

IRA COLEMAN BATMAN, Bloomington. Term expires 1935.

FRANK HELTON HATFIELD, Evansville. Term expires 1935.

JOHN W. CRAVENS, Secretary to the Board.

EDWIN CORR, Treasurer to the Board.

OFFICERS OF THE SCHOOL OF DENTISTRY

WILLIAM LOWE BRYAN, Ph.D., LL.D., President of the University. FREDERIC RICH HENSHAW, D.D.S., F.A.C.D., Dean of the School of Dentistry.

GERALD D. TIMMONS, Phar.G., D.D.S., Secretary to the Faculty.

ULYSSES HOWE SMITH, A.B., Bursar.
ESSIE BOWLES, Registrar.

FACULTY AT BLOOMINGTON

ROBERT EDWARD LYONS, Ph.D., Professor of Chemistry.
BURTON DORR MYERS, A.M., M.D., Professor of Anatomy.
WILLIAM J. MOENKHAUS, Ph.D., Professor of Physiology.
HERMAN T. BRISCOE, Ph.D., Professor of Chemistry; Faculty Adviser to Pre-Dental Students.

FACULTY AT INDIANAPOLIS

COLONEL ROBERT TODD OLIVER, D.D.S., F.A.C.D., U.S. Army (Retired); Professor Emeritus of Oral Surgery.

FREDERIC RICH HENSHAW, D.D.S., F.A.C.D., Professor of Operative Dentistry.

CHARLES ROLAND JACKSON, Phar.G., D.D.S., F.A.C.D., Professor of Orthodontia.

CLARENCE EARL MAY, Ph.D., Professor of Oıganic Chemistry. GUY HOWARD SHADINGER, Ph.D., Professor of Biological Chemistry.

JOHN TIPTON WHEELER, M.D., Professor of Anatomy.

WILLIAM EARL KENNEDY, D.D.S., F.A.C.D., Professor of Ceramics and Inlay.

ERNEST DAVID COFIELD, D.D.S., Professor of Anaesthesia and Exodontia. EZRA VERNON HAHN, A.B., M.D., F.A.C.S., Professor of Surgery.

^{*} Elected by the Alumni of the University.

KARL HENRY KAYSER, D.D.S., Professor of Prosthetic Dentistry; General Superintendent.

GLENN JASPER PELL, D.D.S., F.A.C.D., Associate Professor of Oral Surgery.

LOUIS DEKEYSER BELDEN, B.S., M.D., Associate Professor of Pathology, Bacteriology, and Histology.

F. WADE LARUE, A.B., D.D.S., F.A.C.D., Associate Professor of Materia Medica and Therapeutics; Lecturer on Dental Ethics and History.

ERT J. ROGERS, D.D.S., Associate Professor of Crown and Bridge Work; Clinical Instructor.

THURMAN BROOKS RICE, A.M., M.D., Associate Professor of Bacteriology and Public Health (School of Medicine); Lecturer on Hygiene and Nutrition.

JOHN LACY WILSON, D.D.S., Associate Professor of Operative Dentistry; Superintendent of Clinic.

HENRY BIRT MORROW, D.D.S., Assistant Professor of Operative Dentistry; Clinical Instructor.

Frank Carlyle Hughes, D.D.S., Assistant Professor of Prosthetics; Clinical Instructor.

HERBERT PHILIP WERKMAN, D.D.S., Assistant Professor of Operative Dentistry; Instructor in Dental Anatomy and Comparative Anatomy; Clinical Instructor.

ROY ELMER WHITEHEAD, B.S., M.D., Assistant Professor of Anatomy.

GERALD D. TIMMONS, Phar.G., D.D.S., Assistant Professor of Operative Dentistry; Instructor in Pharmacology and Materia Medica.

JOHN WILLIAM GRAVES, A.B., M.D., Assistant Professor of Physiology, Physical Diagnosis, and Pharmacology.

LEWIS BENSON SPEAR, D.D.S., Instructor in Roentgenology.

JOSEPH EUGENE BUCK, D.D.S., Instructor in Metallurgy; Clinical Instructor.

WARREN VANCE HANSON, D.D.S., Instructor in Drawing; Clinical Instructor.

GEORGE THADDEUS GREGORY, D.D.S., Instructor in Oral Pathology; Clinical Instructor.

HAROLD WILLARD JONES, A.B., J.D., Instructor in English.

CHARLES ROBERT METZGER, A.M., LL.B., Lecturer on Principles of Business and Dental Jurisprudence.

RALEIGH FRANKLIN BENHAM, D.D.S., Clinical Staff for Riley and Long Hospitals.

Frank Allan Wildason, D.D.S., Clinical Staff for Riley and Long Hospitals.

ERMAL C. BAKER, D.D.S., Clinical Instructor.

WILLIAM ALFRED KEMPER, D.D.S., Clinical Instructor.

DAVID HARTWIG MOTTIER, A.B., D.D.S., Clinical Instructor.

ALVA OVERLIN HUMPHREYS, D.D.S., Clinical Instructor.

HARRY DANIEL LEER, D.D.S., Clinical Instructor.

ROBERT JOSEPH MEYERS, D.D.S., Clinical Instructor.

GAYLE BYRON WOLFE, D.D.S., Assistant in Inlay Technic.

HARRY JOSEPH HEALEY, A.B., D.D.S., Clinical Instructor.

Hugh Ellis Martin, A.B., Assistant in Physiology.
ROBERT GARDNER BOGGS, D.D.S., Dental Interne.
SETH WILLIAM SHIELDS, D.D.S., Dental Resident at Riley Hospital.
FERDINAND GODFREY HEIMLICH, D.D.S., Dental Interne at Riley Hospital.

FACULTY COMMITTEES

EDUCATIONAL—The Dean, Drs. Rogers, Kayser, Morrow, Wilson, Wheeler, Jackson.

STUDENT AFFAIRS—The Dean, Drs. Kayser, Werkman, Rogers, Hughes, Wilson, Morrow, Timmons.

EXECUTIVE—Dean Henshaw, Bursar U. H. Smith.

ASSISTING STAFF

GERTRUDE KATZ, Cashier.
(Mrs.) LAURA SANFORD, Assistant Cashier.
ESSIE BOWLES, Secretary to the Dean.
(Mrs.) MABEL WALKER, Librarian.
(Mrs.) AMY THORNBURY, R.N., Nurse.
LENORE SHEA, Assistant.
(Mrs.) JEANELLE FRANKLIN, Appointment Clerk.

General Statement

Indiana Dental College was organized in 1879 by a group of members of the Indiana State Dental Association in accordance with an agreement with the Indiana General Assembly of that year, which had passed the first dental law governing the practice of dentistry in Indiana.

It was the ninth dental school to be organized in America and has successfully offered dental education for fifty-four years. Its graduates are to be found practicing in practically all civilized countries and in every part of the United States.

On June 1, 1925, by act of the Indiana legislature, the school was purchased by the state and became Indiana University School of Dentistry. The new school building, now being erected on the University grounds, near the School of Medicine and Hospitals, will be ready for occupancy in August, 1933.

The Indiana University Medical Center consists of the School of Medicine, the School of Dentistry, the Training School for Nurses, the Robert W. Long Hospital, the James Whitcomb Riley Hospital for Children, and the William H. Coleman Hospital. Such a situation is ideal for the study of dentistry.

The school is a member of the American Association of Dental Schools and conforms to all requirements of the Dental Educational Council of America, by which body it is rated Class "A."

Important Facts about the School. The sessions of the School of Dentistry open in September. The School is open for clinical work every day in the year except holidays and Saturday afternoons during the summer months, and students who have completed the Sophomore or Junior year are entitled to the summer practical course for a fee of \$30. The summer course, offering, as it does, practical work from 8:30 a.m. to 5 p.m., under the guidance of the clinical instructors, is of the utmost value in preparing the student for his life work, and every student should arrange to avail himself of as much of it as is practicable. Many students spend the entire summer working in the infirmary and laboratory. The experience is invaluable,

This institution is designed for the earnest student, really desirous of obtaining a thoro theoretical and practical training in the science and art of dental surgery. Such persons, men and women, will find every facility afforded them.

Women students are admitted on the same terms as men students. Much of the work in dentistry, and especially the care of children's teeth and specializing in oral prophylaxis, is peculiarly and particularly adapted to women.

Selecting a School. In selecting a dental school there are many points to be taken into consideration by the prospective student. For instance, the healthfulness of the college town, the cheapness of living,

the amount and quality of clinical material presented, and the facilities the college has for teaching are all matters of considerable moment to anyone who expects to spend time and money in the study of dentistry.

Health. Health is essential, for without health the student cannot make use of the opportunities presented for acquiring an education, no matter how earnest his intention. In this regard the city of Indianapolis challenges comparison with any city in the country.

Living Expenses at Bloomington. The expenses of the student at Bloomington will vary according to his manner of living.

Modern rooms for men, in private houses, occupied by one person, cost from \$3 to \$4 a week. Two students occupying a modern room pay from \$2 to \$3 each. Some single rooms, not modern, are available at \$2 a week. Rooms in private homes are engaged for the semester and are paid for weekly.

Rooms in South Hall, the men's dormitory, are \$54 a semester, payable in advance, and board is \$90 a semester, payable every nine weeks in advance, the first installment of which is due at registration. The Hall accommodates 106 men. Reservations for rooms in this Hall must be made for the school year.

The cost of rooms for men students for a school year will vary then from \$72 to \$144.

Board may be had in clubs at \$3.50 to \$4 for two meals each day (except Sunday, when one is served) and from \$4.50 to \$5 a week for three meals each week-day and two on Sunday (payable weekly). At the University Cafeteria the average during the past few months was \$4.62 for twenty-one meals.

The amount to be set aside for board for the year varies from \$126 (two meals a day) to \$180.

Laundry and washing may be estimated at from \$20 to \$40 a year. Textbooks and stationery are supplied by the Indiana University Bookstore at practically cost prices. For a student in the College of Arts and Sciences this item of expense is from \$20 to \$30 a year; for a student in the School of Law, the School of Medicine, the School of Dentistry, and the School of Commerce and Finance about \$30 to \$40.

For entertainments, lectures, concerts, and athletic games, and for subscriptions to religious, literary, athletic, and social organizations, the average student spends from \$12 to \$50.

The cost of a year at college is thus shown to vary greatly with the student's manner of living. It may be said that with the present student body economy is the rule, not the exception. Probably most of the students spend (exclusive of transportation and clothing) from \$400 to \$550 a year.

Living Expenses at Indianapolis. Living in Indianapolis is remarkably cheap, considering its population.

Board may be obtained at prices varying from \$8 to \$10 a week; rooms, furnished, from \$10 to \$15 per month.

Indiana University School of Dentistry Hall at the Y.M.C.A. offers School of Dentistry students a special rate of \$40 per semester for a

room with hot and cold running water. This rate also includes full use of Y.M.C.A. privileges including shower baths, swimming pool, and club features. Moderate-priced food service is an added attraction.

The average gross amount of money spent by Dental School students is about \$750 to \$800 each per year. However, this is largely regulated by the financial condition of the individual, and many students spend less. A considerable percentage of students work for their board, and a few earn their board and lodging outside of schools hours. In the latter case, good health and considerable determination on the part of the student are necessary in order that his school work may not suffer, but some students can do this. It is desirable only when absolutely necessary, as the school work should be the first and greatest interest in the life of the student.

Clinics. The clinics at the Indiana University School of Dentistry are excellent. Indianapolis has a population, including the suburbs connected with the city by electric lines, of about 500,000 people. This does not include over 100,000 people within an hour's ride.

The variety of cases that present themselves is unlimited. Every student in the Dental School has abundant opportunities offered to perfect himself in gold, amalgam, and silicate cement fillings, porcelain and gold inlays, crown and bridge work, partial and full dentures on rubber and metal bases, root canal treatment and filling, X-ray work, and the various pathological conditions that present themselves during the conduct of a dental practice. The clinic is open daily, and is constantly under the supervision of competent instructors. Since the education of the eye and of the fingers is of the most vital importance to the future success of dental students, an effort is made to present every facility for practical work in all branches of operative and prosthetic dentistry.

Children's Clinic. In addition to the general clinic, provision is made in the new building for a separate children's clinic. Because of the close connection with the Riley Hospital, unusual opportunity will be had for both clinical practice and research in this broad field.

The Library. The library of the dental school is housed in the dental building and contains more than 2,000 volumes, covering all of the dental fields and related subjects. A complete list of all dental journals and publications is available to all students. This department is under the direction of a skilled librarian.

To the New Student. For information upon any matter connected with dental education, write to the Indiana University School of Dentistry, Indianapolis. The matriculation books are open at all times. Lockers, seats, and clinics are assigned in the order of matriculation. There is an advantage in matriculating early. After having spent one year in the School students realize this, and a common practice after the Freshman year is for a student to matriculate immediately for the succeeding year, thus reserving some desired lockers and seats.

The Dean, or his secretary, may be found in the School office at any time between 9 a.m. and 5 p.m. Lists of boarding places, tabulated

according to price, are on file, and a short search will suffice to secure pleasant and agreeable quarters. It is well to reach the city as early on the day previous to the opening of the School as is practicable. The student will then be able to get comfortably settled in his new quarters before starting the School work.

Fees. Fees in the Indiana University School of Dentistry are fixed by legislative enactment, and are as follows: First semester of each year, payable September 18, \$125; second semester of each year, payable January 29, \$100; matriculation fee, Freshman year, \$5; registration fee, Sophomore, Junior, and Senior years, \$5; graduation fee, payable May 15 before graduation, \$15.

An examination fee of \$1 is charged for each make-up or special examination. This fee must be paid to the Registrar and her receipt becomes authorization to the proper instructor for holding the examination.

No student will be admitted to class until fees are paid. No exceptions will be made and the student should come prepared.

Fees are not returned to students who are suspended or dismissed or absent from any cause except illness. In case the student is compelled to postpone his work until a subsequent year on account of illness, a proportional amount of the fee paid will be credited on his subsequent year.

Breakage, damage, and loss of School property must be made good by the student or students at fault. In case they are not known, it will be charged up against the entire class or student body.

The School will not be responsible for the loss of any personal property belonging to any student, in the college building, whether by theft, fire, or unknown cause.

Each student must be supplied with the full required list of instruments and textbooks. New students are advised not to make purchases until they are supplied with the official lists by their instructors. No student is eligible to classes or laboratories until his outfit of books and instruments has been checked and approved.

The Faculty reserves the right to terminate the connection of any student with the School at any time for improper conduct, gross immorality, or lack of sufficient progress in the work, and under such circumstances no fees will be returned.

General Expenses. Books and instruments for the first year will cost, approximately, \$185; for the second year, approximately, \$370; for the third year, \$135; for the fourth year, \$25.

The instruments purchased cannot be counted as a college expense since they form part of a permanent equipment when the student enters practice.

Requirements for Admission and Graduation

All entrance credentials must be approved by the office of the Registrar of the University.

Admission. Applicants for admission to the Indiana University School of Dentistry must present (1) credentials which satisfy the requirements for admission to the College of Arts and Sciences of Indiana University; (2) credentials of credit for one full year (30 semester hours) of pre-dental collegiate work; (3) also a minimum of thirty credit points.

The credentials for entrance to the College of Arts and Sciences, amounting to sixteen full units, are distributed as follows:

- A. Prescribed subjects, 9 units:
 - 1. English 3 units
 - 2. Mathematics 2 units (algebra 1 unit; plane goemetry 1 unit)
 - 3. Foreign Language 2 units (in one language; Latin preferred)
 - 4. History or other social science 1 unit
 - 5. Science (Physics*) 1 unit
- B. Electives—Seven units, of which three shall be from the above list.

It is recommended that the prospective dental student elect economics, psychology, shop work (1 unit), history, civics, or English to complete the high school requirement.

The collegiate work, thirty semester hours, required for admission to the School of Dentistry, is as follows:

	Minimum Required by Dental Educational Council	Required by Indiana University	Recommended Minimum
Chemistry 101	6 hours 6 hours 6 hours	10 hours 8 hours 6 hours	8 hours 8 hours 6 hours
Electives			
Physics 101 M Psychology 141 (3 hours), 145 Political Science 101a, 101b English 170. German 101 Hygiene 102			2 hours

^{*}Those students who have not had physics in high school will be required to take Course 101M (four hours credit) as a part of the pre-dental requirement.

The dental course consists of four separate years, predicated on the above, and is given in its entirety at Indianapolis.

The degree conferred is Doctor of Dental Surgery.

Rules for Attendance and Promotion. 1. Every regular student must be required to be in attendance for at least eighty-five per cent of each year, counted from the date of registration.

- 2. In case of serious personal illness, properly attested, during the school year, whereby a student's attendance falls to not less than seventy-five per cent, he may be permitted to make up ten per cent of the required eighty-five per cent minimum, by systematic work during vacation under competent instruction at his own expense in this School.
 - 3. The passing mark shall be seventy-five per cent.
- 4. A grade between sixty per cent and the passing mark shall be deemed a condition. This may be removed by an examination just prior to the opening of the next school year, or at the discretion of the instructor. Inability to pass the first examination for the removal of a condition shall cause the student to be marked "failure" in the subject.
- 5. A grade below sixty per cent shall be deemed a failure. A failure may be removed only by the repetition of the course in part or entirety, i.e., by additional work under instruction approved by the Dean and the professor in charge of the subject.
- 6. A student who has conditions or failures, or both, in courses amounting to more than forty per cent of the scheduled hours for the semester shall be dropped from his class.
- 7. A student may not be promoted if he has conditions or failures, or both, in courses amounting to more than twenty per cent of the scheduled hours for the semester.
- 8. A student who fails to remove a condition or failure within twelve months from the time it was incurred shall be automatically dropped from the School.

Graduation. Candidates for the degree of Doctor of Dental Surgery must be twenty-one years of age, must possess a good moral character, and must have been a student of good deportment while in School, and have completed all of the required work of the curriculum to the satisfaction of the Faculty.

Outline of Course of Study

By Subjects

The following grouping of subjects is in conformity with the uniform course of study as outlined by the Dental Educational Council of America. The School reserves the right to add to the subject or time requirements as herein outlined, when such additions may seem wise or necessary to conform with sound principles of education.

DIVISION I.—CHEMISTRY	Hours	(Clock)
Organic and Physiological Chemistry	160	
Metallurgy	32	
		192
DIVISION II.—ANATOMY, ETC.		
Anatomy, General	288	
Histology and Embryology	160	
Dental Histology	64	
	-	512
DIVISION III.—PHYSIOLOGY, PHARMACOLOGY, MATERIA MEDICA		
AND THERADELESIS		
Physiology	192	
Materia Medica, Therapeutics		
Pharmacology	. 64	
		320
DIVISION IV.—PATHOLOGY AND BACTERIOLOGY		
Bacteriology	160	
General and Special Pathology		
Oral Hygiene and Prophylaxis		
Physical Diagnosis and Principles of Medicine		
		512
DIVISION V.—OPERATIVE DENTISTRY, ETC.		
Dental Anatomy, Laboratory and Dental Drawing	292	
Comparative Dental Anatomy		
Operative Technics, including Ceramics		
Operative Dentistry		
operative beneating		852
DIVISION VI.—PROSTHETIC DENTISTRY, ETC.		001
Prosthetics Prosthetics	688	
Crown and Bridge Work		
Crown and Bridge Work		1,024
		1,021
DIVISION VII.—ORAL SURGERY, ETC.	0.1	
Principles of Surgery		
Oral Surgery		
Exodontia Lectures and Clinics		
Anaesthesia		
Radiology		
Transfer of the second		256
DAVIDO DO DE LA COMPANIO DO DE LA COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO		200
DIVISION VIII.—ORTHODONTIA	10	
Orthodontia Technics		
Orthodontia	. 52	90

DIVISION IX.—MISCELLANEOUS

	Hours	(Clock)
Seminar	16	
Jurisprudence	16	
Ethics, History, Economics	32	
Nutrition	32	
Hygiene	32	
		128
DIVISION X.—CLINICS		
Operative, Prosthetic, Radiology, Orthodontia, Oral Hygiene, Exodontia	,	
etc	. 1,248	
		1,248
Total Hours		5,124

By Years

FRESHMAN YEAR

	Clock Hor	urs per Week	Clock Hor	urs per Year	
	Didactic	Laboratory	Didactic	Laboratory	Total
Chemistry, Organic and Physiological.	. 2	3	64	96	160
Dental Anatomy	. 2	0	64	0	64
Dental Anatomy, Laboratory and Drav	V-				
ing	. 0	6	0	192	192
Dental Anatomy, Comparative	. *1	0	*16	0	*16
Anatomy	. 3	*12	96	192	288
Prosthetic Technic	. 1	10	32	320	352
Histology and Embryology (General).	. 2	3	64	96	160
Hygiene	. †1	0	†16	0	†16
	_	_			
	12	34	352	896	1,248

^{*} First semester.

SOPHOMORE YEAR

	Clock Ho	ars per Week	Clock Hor	ırs per Year	
	Didactic	Laboratory	Didactic	Laboratory	Total
Physiology	. 2	4	64	128	192
Bacteriology	. *2	*8	*32	*128	*160
Materia Medica and Therapeutics	. 2	0	64	0	64
Prosthetic Technic, including Crow	n				
and Bridge	. 2	6	64	192	256
Operative Dentistry	. 1	9	32	288	320
Oral Hygiene	. 2	0	64	0	64
Pathology, General	. †2	†8	†32	†128	†160
Metallurgy	. *1	0	*16	0	*16
	_		<u> </u>	<u> </u>	
	14	35	368	864	1.232

^{*} First semester

[†] Second semester.

[†] Second semester.

JUNIOR YEAR

Cl	lock Hou	ars per Week	Clock Hou	ars per Year	
D	idactic	Laboratory	Didactic	Laboratory	Total
Principles of Surgery	2	0	64	0	64
Operative Dentistry	1	0	32	0	32
Anaesthesia and Exodontia	1	1	32	32	64
Radiology	*2	0	32	0	32
Orthodontia	1	*3	32	48	80
Prosthetics	1	3	32	96	128
Crown and Bridge	1	3	32	96	128
Inlay and Casting	1	2	32	64	96
Dental Histology and Embryology	*1	*3	16	48	64
Oral Pathology	2	0	32	0	32
Preventive Medicine	1	0	32	0	32
Pharmacology	*1	*3	16	48	64
Clinical Practice in Oral Hygiene, Op-					
erative and Prosthetic Dentistry	0	†15	0	480	480
	-	_			
	15	33	384	912	1,296

^{*} First semester.

SENIOR YEAR

	Clock Hou	ırs per Week	Clock Hou	ars per Year	
	Didactic	Laboratory	Didactic	Laboratory	Total
Operative Dentistry	1	0	32	0	32
Ceramics	*1	*3	16	48	64
Prosthetics	1	*3	32	48	80
Crown and Bridge	1	*3	32	48	80
Oral Surgery	1	2	32	64	96
Nutrition	1	0	32	0	32
Jurisprudence	*1	0	16	0	16
Economics	*1	0	16	0	16
Ethics and History	*1	0	16	0	16
Physical Diagnosis	*1	*2	16	32	48
Seminar	*1	0	16	0	16
Clinical Practice in Operative Prostheti	ic,				
Crown and Bridge, Inlay, Ceramic	es,				
Orthodontia, X-Ray	0	†24	0	768	768
	-	_			-
	11	37	256	1,008	1,264

^{*} First semester.

[†] Clinical practice.

[†] Clinical practice.

Courses in School of Dentistry, 1933-34

In the following course statements the first digit of the course number indicates the year in which the course is offered, as follows: 1, Freshman; 2, Sophomore; 3, Junior; 4, Senior. The letter A, following the course number, indicates a lecture course; B, a laboratory course; D, a clinical demonstration course. The Roman numerals I and II represent first and second semester, respectively. The figures given in parentheses with the abbreviation "hrs." indicate the number of actual clock hours devoted to the work.

the troop	mil material of detailed the material of the second of the
113A.	Histology and Embryology. I, II. (64 hrs.)
	Dr. Belden and Assistants
113 <i>B</i> .	Histology and Embryology. I, II. (96 hrs.)
	Dr. Belden and Assistants
108A.	Dental Anatomy. I, II. (64 hrs.) Dr. WERKMAN
108B.	Dental Anatomy. I, II. (128 hrs.)
	Drs. Morrow, Werkman, Healey
114A.	Hygiene. II. (16 hrs.) Dr. RICE
101A.	Anatomy. I, II. (96 hrs.) Drs. Myers, Wheeler
101B.	Anatomy. II. (192 hrs.) Drs. Myers, Wheeler, Whitehead
133A.	Prosthetic Dentistry. I, II. (32 hrs.) Dr. HANSON
133B.	Prosthetic Dentistry. I, II. (320 hrs.) Dr. Hanson
233A.	Prosthetic Dentistry. I, II. (32 hrs.) Dr. Hughes
233B.	Prosthetic Dentistry. I, II. (96 hrs.) Dr. Hughes
333A.	Prosthetic Dentistry. I, II. (32 hrs.) Dr. Kayser
333B.	Prosthetic Dentistry. I, II. (96 hrs.) Dr. Hughes
433A.	Prosthetic Dentistry. I, II. (32 hrs.) Dr. Kayser
433 <i>B</i> .	Prosthetic Dentistry. I, II. (48 hrs.) Dr. Hughes
106A.	Comparative Dental Anatomy. I. (16 hrs.)
100A.	Dr. WERKMAN and Assistants
124A.	Organic Chemistry. I. (32 hrs.)
124A.	Messrs, Lyons, May, and Assistants
124B.	Organic Chemistry. I. (48 hrs.)
124D.	
100.4	Messrs. Lyons, May, and Assistants
129A.	Physiological Chemistry. II. (32 hrs.)
100 D	Messrs. Lyons, Shadinger, and Assistants
129B.	Physiological Chemistry. II. (48 hrs.)
	Messrs. Lyons, Shadinger, and Assistants
110B.	Drawing. I, II. (48 hrs.) Dr. Hanson
230A.	Physiology. I, II. (64 hrs.)
	Mr. Moenkhaus, Dr. Graves, and Assistant
230B.	Physiology. I, II. (128 hrs.)
	Mr. Moenkhaus, Dr. Graves, and Assistant
203A.	Bacteriology. I. (32 hrs.) Dr. Belden and Assistants
203B.	Bacteriology. I. (128 hrs.) Dr. Belden and Assistants
220A.	Operative Dentistry. I, II. (32 hrs.) Dr. Morrow
220B.	Operative Dentistry. I, II. (288 hrs.) Drs. Morrow, Boggs
320A.	Operative Dentistry. I, II. (32 hrs.) Dr. Henshaw

420A.	Operative Dentistry. I, II. (32 hrs.)
	Drs. Henshaw, Timmons
217A.	Materia Medica and Therapeutics. I, II. (64 hrs.)
	Dr. Timmons
221A.	Oral Hygiene. I, II. (32 hrs.) Dr. Morrow
226A.	Pathology. II. (32 hrs.) Dr. Belden
226B.	Pathology. II. (128 hrs.) Dr. Belden
207A.	Crown and Bridge. I, II. (32 hrs.) Dr. Rogers
207B.	Crown and Bridge. I, II. (96 hrs.) Dr. Rogers
307A.	Crown and Bridge. I, II. (32 hrs.) Dr. ROGERS
307B.	Crown and Bridge. I, II. (96 hrs.) Dr. Rogers
407A.	Crown and Bridge. I, II. (32 hrs.) Dr. Rogers
407B.	Crown and Bridge. I. (48 hrs.) Dr. Rogers
218A.	Metallurgy. I. (16 hrs.) Dr. Buck
315A.	Inlay. I, II. (32 hrs.) Dr. Wilson
315B.	Inlay. I, II. (64 hrs.) Drs. Wilson, Wolfe
334A.	Radiology. I. (32 hrs.) Dr. SPEAR
327A.	Pharmacology. I, II. (32 hrs.) Dr. Graves, Mr. Martin
327B.	Pharmacology. II. (48 hrs.) Dr. Graves
309A.	Dental Histology and Embryology. I, II. (32 hrs.)
000111	Drs. Werkman, Gregory
309B.	Dental Histology and Embryology. II. (32 hrs.) Dr. GREGORY
322A.	Oral Pathology. II. (32 hrs.) Dr. Gregory
332A.	Principles of Surgery. I, II. (64 hrs.) Dr. Hahn
325A.	Orthodontia. I, II. (32 hrs.) Dr. Jackson
325B.	Orthodontia. I. (48 hrs.) Drs. Jackson, Kemper
331A.	Preventive Medicine. II. (32 hrs.) Dr. Graves
302A.	Anaesthesia and Exodontia, I. II. (32 hrs.) Dr. COFIELD
302D.	Anaesthesia and Exodontia. I, II. (32 hrs.) Dr. Cofield
416A.	Jurisprudence. II. (16 hrs.) Mr. Metzger
404A.	Ceramics. I, II. (32 hrs.) Dr. Kennedy
404B.	Ceramics. I, II. (64 hrs.) Drs. Kennedy, Meyers
423A.	Oral Surgery. I, II. (32 hrs.) Dr. Pell
423D.	Oral Surgery. I, II. (64 hrs.) Drs. Pell, Gregory, Leer
411A.	Economics. I. (16 hrs.) Mr. METZGER
419A.	Nutrition. I. (16 hrs.) Dr. RICE
435A.	Seminar. I. (16 hrs.) Mr. Jones
428A.	Physical Diagnosis. I. (16 hrs.) Dr. Graves
428D.	Physical Diagnosis. I. (32 hrs.) Dr. Graves
412A.	Ethics and History. I. (16 hrs.) Dr. LARUE
305.	
405.	Clinic. I, II. (768 hrs.) Entire Staff

List of Students, 1932-33

Wahlen Charles

Hayes, Raymond Lewis.....Indianapolis

Shanks, Manson Smith.....Salem

Shinyama, Lester Minoru...Haiku, Hawaii

Siegel, John Vincent.....Cincinnati, Ohio

Simons, Laurence William.....Kentland

Smith, Richard Gibson.....Indianapolis

Van Osdol, Dean......Warsaw

Wishengrad, Max.....New York, N.Y.

FRESHMEN

Gorsline, John Walter.....Logansport

Goshert, Joseph LaMar.....Fort Wayne

Grant, Walter Henry.....Columbia City

Green, John A.....Syracuse

Groves, Shelby Franklin.....Evansville

Haft, Philip Paul......Paterson, N.J.

Allen, William Lawrence Xenia, Ohio Avery, Kingdon Hammond Barton, Harry Ray Whiting Berry, Donald Frederick Indianapolis Bosselmann, Elmer Fort Wayne Crockett, Harrold Maxwell Indianapolis D'Enbeau, Francis Marion Terre Haute Doben, Louis Arnold Paterson, N.J. Drew, Merle Cassidy Terre Haute Eckerty, Torrence Lester Eckerty Gardner, Ronald Corter Gary Hammersley, William LaMoine Frankfort Hannon, Joseph Clarence Chicago, Ill. Heidenreich, John Lawrence Bicknell Kirshenblut, Charles Samuel. Passaic, N.J. Loskot, Frank Ludwik Newark, N.J. Madden, Raymund Hugh Terre Haute Maurer, George Frederick Brazil Maxwell, William Francis Mentone	Kahler, Charles
Mohr, Joseph FrederickTerre Haute	van didei, bonad scheisonnentone
Pash, DavidJersey City, N.J.	JUNIORS
Pownall, Roy MentonKewanna	Ambrose, Ralph CliftonAnderson
Roll, Warren ArthurHamilton, Ohio	Bardowski, Alex EugeneGary
Rycroft, Chester ArthurEvansville	Beaver, HoraceIndianapolis
Schwartz, Joseph MatthiasFort Wayne Shelsy, Michael JosephPittsfield, Mass.	Border, Sam LewellenWarsaw Boyd, Drexell AllenGreencastle
Spector, Louis DaveEast Chicago	Brodsky, Seymon LouisDayton, Ohio
Spivey, Arthur WilliamThorntown	Brody, Norman RaymondBrooklyn, N.Y.
Timmerman, Robert EdwardBatesville	Brown, Ralph HarlanNewark, Ohio
Volker, Joseph Francis Elizabeth, N.J.	Bush, Ralph RNewcastle
Weinraub, Irvin IsraelFort Wayne	Cain, William RobertMilan
Welch, Frank CarletonTerre Haute	Cohen, CecilIndianapolis
Wurtz, Raymond AnthonyIndianapolis	Ferguson, Chelcia BernardOakland City
Sophomores	Ford, John EcklesOakland City
	Hannah, Owen ClairPatoka
Adams, Elmer VictorEast Chicago	Henricks, George FranklinDecatur
Ball, Cecil CliffordIndianapolis	Herman, SidneyBrooklyn, N.Y.
Bettcher, Edward PaulIndianapolis Boesinger, Robert PrestonIndianapolis	Hohlt, Fredrick AroldIndianapolis
Buhler, John EmbichIndianapolis	Imboden, Howard LowellDayton, Ohio Jones, Harold SawyerIndianapolis
Cockerill, Joseph EstelParker	Kauffman, Charles PerryIndianapolis
Collins, Dean Gale	Martin, Raymond Robert. Charleston, W.Va.
Crane, Lawrence WilliamCovington	McKee, Everett VerneCarey, Ohio
Draper, Donal HeltonKokomo	Messinger, Zelix SidneyBrooklyn, N.Y.
Erbaugh, Hudson SeymourLogansport	Miller, Ralph JesseIndianapolis
Farley, John WillisRaton, N.M.	Monfort, Louis Holliday Indianapolis
Favorite, James FitchHuntington	Niles, Norwin MellottFort Wayne
Fields, Eugene ParksGeneva	Parr, Charles DuvalTerre Haute
Gieringer, Ralph Edward Miamitown, Ohio	Rudolph, John MorrisonLakewood, Ohio
Goode, Frank OakesIndianapolis	Sanders, Hershel EvanLouisville, Ky.

SENIORS

Barton, Miles ShumakerJonesboro
Bobbitt, Ralph EEnglish
Boone, Neville BlackmereLaconia
Bratton, Raymond HessGary
Budnick, Edward Stanley Detroit, Mich.
Crider, Delbert HarrisonGreenfield
Dell, Glenn William Lansing, Mich.
Enyart, Hugh MartinIndianapolis
Grant, Lowell JudsonColumbia City
Hensley, FrankBoston
Hickman, Hector EveralMartinsville
Hinesley, Dale ESheridan
Hodson, Ferral AdamsonMooreland
Hutson, Harold CharlesNewcastle
Jefferies, Charles EdwardDetroit, Mich.
Jordan, Victor Evansville
Kaler, Lester AaronSouth Whitley
Kurtz, Irving EdwardJersey City, N.J.
Lefrak, Bernard DavidBrooklyn, N.J.
Lilly, Albert JacksonPortsmouth, Ohio
Lord, Robert TheodoreKewanna
Lord, Howert Incodore

Marlowe, Ralph HamiltonGreensburg
Mayne, Thomas Wells Dayton, Ohio
McIntyre, Maurice AltonIndianapolis
McKee, Robert GilmoreAshland, Ky.
Myers, George AlbertColumbus
Puckett, John PaulWinchester
Purman, Paul AndrewMonroeville
Quellman, IrvingBrooklyn, N.Y.
Quinn, Gilbert DeitzMadison
Robinson, Leonard GeraldValparaiso
Rogers, Joseph MatthewEast Chicago
Roush, Charles EdwardMarion
Shearer, Carroll WalterFort Wayne
Silbert, Sidney CalvinNew York, N.Y.
Smith, Roscoe RussellNoblesville
Spinning, Glen ShellIndianapolis
Steckman, Floyd DavidPlymouth
Steenerson, LeifClimax, Minn.
Stucky, RalphCleveland, Ohio
Turgi, John CharlesLakeland, Fla.
Wills, Henry ClarkConnersville
Wolfe, Herman BryanVincennes

NOTICE TO ALUMNI

We always need dissociated teeth. Send in all of the teeth you can, by express, collect. Also students are requested to bring as many extracted teeth with them as they can.