

Indiana University Bulletin

Indianapolis Campus

School of
Dentistry

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Indiana University Bloomington

- *College of Arts and Sciences
- *School of Business¹
- *School of Continuing Studies²
- *School of Education¹
- *Graduate School
- *School of Health, Physical Education, and Recreation
- School of Journalism
- *School of Law-Bloomington
- *School of Library and Information Science
- *School of Music
- *School of Optometry
- *School of Public and Environmental Affairs¹
- University Division

Indiana University-Purdue University at Indianapolis

- *School of Business¹
- *School of Continuing Studies²
- *School of Dentistry
- *School of Education¹
- School of Engineering and Technology (Purdue University)
- *Graduate School
- *Herron School of Art
- School of Journalism
- School of Law-Indianapolis
- *School of Liberal Arts
- *School of Medicine
- *Division of Allied Health Sciences
- *Division of Continuing Medical Education
- *School of Nursing
- *School of Physical Education
- *School of Public and Environmental Affairs¹
- School of Science (Purdue University)
- *School of Social Work
- IUPUI University Division
- Columbus Center

The Regional Campuses

- Indiana University East (Richmond)
- Indiana University at Kokomo
- Indiana University Northwest (Gary)
- Indiana University at South Bend
- Indiana University Southeast (New Albany)
- Indiana University-Purdue University at Fort Wayne (IPFW)

Bulletins for the divisions of the University marked (*) above may be obtained from the Office of Admissions, 814 East Third Street, Indiana University, Bloomington, Indiana 47405. (Please note that there are two Indiana University Schools of Law and be sure to specify whether you want a bulletin of the Bloomington or the Indianapolis School.)

IUPUI bulletins for Purdue programs, for the IUPUI University Division, and for School of Law-Indianapolis may be obtained by writing directly to those units on the Indianapolis campus.

Write directly to the individual regional campus for its bulletin.

¹ Two bulletins are issued: graduate and undergraduate.

² Brochures on the General Studies Degree Program, Independent Study Program, Division of Labor Studies, Division of Professional Development, and Conference Bureau are available from this school (Owen Hall).

Indiana University Bulletin 1987/89

School of Dentistry

Indianapolis Campus

While every effort is made to provide accurate and current information, Indiana University reserves the right to change without notice statements in the Bulletin series concerning rules, policies, fees, curricula, courses, or other matters.

Calendar

School of Dentistry, Medical Center Campus

Summer Session, 1987 (Tentative)

Summer Session begins, 9 a.m.	May 11, M
Memorial Day—School closed	May 25, M
Independence Day (observance)—School closed	July 3, F
Summer Session ends, 5 p.m.	July 24, F

First Semester (Tentative)

Classes begin for all students	Aug. 24, M
Labor Day Holiday	Sept. 7, M (classes meet)
Dental Alumni Days (Bloomington—classes as usual)	Sept. 24–26, R-S
Thanksgiving Recess begins, 5 p.m.—Clinics closed	Nov. 20, F
Thanksgiving Recess ends, 8 a.m.—Clinics open	Nov. 30, M
Final examinations begin	Dec. 14, M
Final examinations end	Dec. 18, F

Second Semester (Tentative)

Classes begin for all students	Jan. 11, M
Spring recess begins for all students, 5 p.m.	March 4, F
Spring recess ends for all students, 8 a.m.	March 14, M
Final examinations begin	May 2, M
Final examinations end	May 6, F
Commencement	May 15, S

Summer Session 1988 (Tentative)

Summer Session begins, 9 a.m.	May 16, M
Memorial Day—Holiday	May 30, M
Summer Session ends, 5 p.m.—Clinics closed	July 22, F

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Contents

- 1 The School of Dentistry**
 - 1 Dental Library
 - 1 Dental Clinics
 - 1 Living Facilities
 - 2 Student Health Service
 - 2 Fees
 - 2 Expenses
 - Student Loans
 - American Student Dental Association
 - Honorary Fraternity
- 3 Predental Information**
 - Predental Counseling
 - Predental Work
 - Application Procedure
 - Admission to Advanced Standing
- 4 Academic Information**
 - B.A./D.D.S. Program
 - Withdrawals
 - Grades
 - Incompletes
 - Counseling
 - Attendance
 - Probation
 - Suspension
 - Dismissal
 - Promotion
 - Certification for Graduation
 - Leave of Absence Policy
- 7 The Multi-Track Dental Education Program**
- 12 Undergraduate Courses, 1987-89**
- 17 Dental Auxiliary Education**
- 17 Dental Hygiene**
 - Courses for the Professional Curriculum for Dental Hygienists
- 19 Dental Assisting**
 - Courses for the Professional Curriculum for Dental Assistants
- 22 Graduate Work in Dentistry**
 - Admission
 - Faculty Committee
 - Degree Requirements
 - Course Work
 - Examinations
 - Thesis
 - Fees
 - Instrument Charges
- 23 Major Fields of Graduate Study**
- 25 Postgraduate Study in Dentistry**
- 25 Graduate Courses, 1987-89**
- 30 Faculty of the School of Dentistry**
- 39 Faculty Practitioners in the Extramural Program**
- 42 Cooperating Agencies, Institutions, Community Health Centers and Dental Laboratories**
- 43 Indiana University: General Information**

The School of Dentistry

The Indiana University School of Dentistry is a member of the American Association of Dental Schools and is fully accredited by the Council on Dental Education of the American Dental Association. The school is located on the campus of Indiana University-Purdue University at Indianapolis (IUPUI) and is an integral part of the University's Medical Center. Graduates are currently practicing in nearly all of the fifty states and most of the countries of the world.

Through the facilities of Indiana University, several programs of study at the undergraduate level are available to persons interested in pursuing a career in dentistry. These include the following: one-year programs for dental assistants at the School of Dentistry in Indianapolis, on the Fort Wayne, Gary, and South Bend campuses of Indiana University, and at the University of Southern Indiana (Evansville); three-year associate degree programs for dental hygienists at Indianapolis, Fort Wayne, Gary, South Bend, and Evansville; four-year degree programs for dental hygienists at Indianapolis, Fort Wayne, and Evansville; and a two-year associate degree program in dental laboratory technology at Fort Wayne and Evansville. In addition, under the D.D.S. program at the School of Dentistry, it is possible to earn a B.A. degree in cooperation with the College of Arts and Sciences.

Additional information concerning any of these programs may be obtained by writing to the appropriate address listed on the inside back cover.

Dental Library

The library, located in the School of Dentistry building, contains approximately 22,000 books, 5,500 audiovisuals, and 2,300 periodical titles encompassing all the areas of dentistry and several fields in the allied sciences, including medicine. The library currently receives 535 periodicals covering these subjects. Numerous gifts of books and periodicals are received from graduates and friends of the school. Dental students also have access to the library of the School of Medicine.

Dental Clinics

Clinical facilities are excellent, and patients are drawn from a population area of some one million people. The great variety of cases treated provides each student with abundant opportunity to perfect techniques.

The school also maintains dental clinics in Riley and Long hospitals and the Regenstrief Center, all at the Medical Center on the IUPUI campus, and students also attend clinics at Wishard Memorial and Veterans Administration hospitals.

In addition to providing instruction for the students, members of the faculty are available for lectures and clinics before district and local dental societies and study clubs throughout the state.

The dental clinics remain open during most of the summer months. Except for students on probation, attendance in the clinics is not required, but all students are encouraged to attend and to obtain additional clinical instruction and experience. Required lectures are held during the summer following the second year.

Living Facilities

Single and married students from all Indianapolis-based IU schools and divisions are eligible to file housing applications for accommodations located on the IUPUI campus. Applications should be filed as early as possible, since there is always a waiting list.

Efficiency and one-bedroom apartments, unfurnished and furnished, are available.

Inquiries concerning University housing and requests for applications should be addressed to the Associate Director of Housing, Indiana University Medical Center, Ball Residence, 1226 West Michigan Street, Indianapolis, Indiana 46202. An off-campus rental information file is also located in the Medical Center Housing Office, where interested persons may check the card file for rental listings.

Student Health Service

The Indiana University Medical Center offers a health service for all full-time students at Indiana University-Purdue University at Indianapolis. (Part-time students can participate in the Student Health Service by payment of a fee.) Designed to promote the general health of students, the service offers complete outpatient clinical and laboratory examinations, immunizations, and treatment for minor illnesses and injuries. When necessary, referrals are made to specialty clinics elsewhere in the Medical Center. Emergency treatment in the evening and on weekends and holidays is available at Wishard Memorial Hospital. Health insurance providing coverage beyond these services, and including coverage for dependents, is available to all students at their option.

Fees

Fees are paid at the time of registration and are subject to change by action of the Board of Trustees.

Fee Schedule 1986-87

	Indiana Resident	Nonresident
Dentistry—Pre-doctoral ¹	\$4,000 per year	\$8,400 per year
Dentistry—Post-doctoral ¹	73.75 per credit hour	201.75 per credit hour
Hygiene—1st and 2nd year	53.75 per credit hour	143.00 per credit hour
Dental Assisting	53.75 per credit hour	143.00 per credit hour
Summer Session		
Undergraduate	53.75 per credit hour	143.00 per credit hour
Graduate	73.75 per credit hour	201.75 per credit hour
Regional Campuses ²		
Undergraduate	47.75 per credit hour	117.25 per credit hour
Admission Application ³	20.00	20.00

Approximate Expenses (in Addition to Fees)

	First Year	Second Year	Third Year	Fourth Year
Dental Textbooks	\$ 520	\$430	\$325	—
Dental Instruments—Undergraduate ⁴	1,720	2,300	600	520
Dental Hygiene Textbooks	460	220	—	—
Dental Hygiene Instruments and Uniforms	422	228	—	—
Dental Assisting Textbooks	320	—	—	—
Dental Assisting Instruments and Uniforms	312	—	—	—

Student Loans Financial assistance may be obtained for all educational programs on the basis of need through the IUPUI Office of Scholarships and Financial Aids, Cavanaugh Hall. Loan programs are also available through the Indiana Dental Association and other lending institutions. A brochure describing various types of financial assistance is available upon request from the Office of Records and Admissions.

American Student Dental Association The local chapter of this organization is fully recognized by the American Dental Association (ADA), and membership is open to all

¹ An advance payment of \$100 (\$500 for graduate students) is required after a student has been accepted. This advance payment is nonrefundable, but is applicable toward fees.

² In Fort Wayne, fees are \$47.75 per credit hour for residents, \$118.50 for nonresidents.

³ This fee is paid only once, is nonrefundable and is not applied to other fees. A student applying for admission to the School of Dentistry who has never attended Indiana University as a regularly admitted student (on the Bloomington or any other Indiana University campus) will be required to pay this fee. A money order or check must be sent in a special envelope provided for this purpose.

⁴ Includes purchase and rental costs.

students in the School of Dentistry. Associate membership is also available to pre dental students. The function of the organization is to consider problems incident to the student's approaching graduate experiences, based on the principles established for the guidance and government of the ADA. Life insurance and other benefits are available to members of the American Student Dental Association.

Dental hygiene students may join the American Dental Hygiene Student Association, which offers experiences similar to those of the American Student Dental Association.

Honorary Fraternity The national dental honorary fraternity, Omicron Kappa Upsilon, is represented by the component chapter of Theta Theta. All nominations are made from the upper one-fifth of the graduating class, with membership being voted annually by the faculty members to twelve percent of the class. The key, which is symbolic of the fraternity, is awarded to each newly elected member.

The national dental hygiene honor society, Sigma Phi Alpha, is represented by the component Theta chapter. All nominations are made from the upper one-fifth of the graduating class, with membership being voted annually by the faculty members to ten percent of the class. The key, which is symbolic of the fraternity, is awarded to each newly elected member.

Predental Information

Predental Counseling Students may be admitted to the School of Dentistry upon receipt of a baccalaureate degree or at the end of 90 semester hours (135 quarter hours) of college credit.

Predental students desiring to discuss their academic programs are encouraged to arrange appointments with predental advisers on either the Bloomington or Indianapolis campus. Interested students may also write or call the Office of Records and Admissions in Indianapolis (see inside of back cover).

Predental Work Most students accepted by the Indiana University School of Dentistry attain a baccalaureate degree prior to enrollment. The predental collegiate training may be taken at any accredited college or university in the United States. Required courses cannot be taken on a pass/fail basis. Special credit for required courses may be accepted if all portions of the course work (i.e., lecture, laboratory) have been properly evaluated. Details of courses offered in the various accredited colleges may vary, so the courses should be carefully considered when a program is planned, particularly in the field of science. All required science courses, for example, must include laboratories. It is advisable to include extra work in the areas of biology and chemistry.

It is recommended that the student complete the general chemistry, organic chemistry, and biology requirements in the first two years, because there are questions over these areas on the Dental Admission Test, which is usually taken in the junior year. Students are then advised to take physics in the third year.

Application Procedure Students are enrolled each August. Candidates should make formal application approximately a year before they wish to be admitted to the School of Dentistry. Application deadline is December 1.

American Association of Dental Schools Application Service (AADSAS) request cards can be obtained from the Office of Records and Admissions. Applicants will be requested to submit official transcripts from each college attended; unofficial transcripts will be accepted from applicants having attended any Indiana University regional campus. There is a \$20 graduate application fee for all applicants who have not previously attended Indiana University.

Applicants will also be required to take the American Dental Association Admission Test. This test, for which there is a \$50 examination fee, is given in October and April of each year. Applicants must take the Dental Admissions Test no later than October, if they plan to enter the School of Dentistry the following August. Students are further advised to take this test only after completing the required chemistry and biology courses. The admission test is usually taken in the junior year. Questions regarding interpretation of scores may be referred to the Office of Records and Admissions.

Details concerning this test may be obtained by contacting the School of Dentistry (see back cover) or by writing the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

For admission to the School of Dentistry, the applicant must have earned a minimum of 90 semester (or 135 quarter) hours by time of matriculation. The following predental requirements must be met in order to qualify for admission:

Two semesters or three quarters (minimum of 8 semester hours/12 quarter hours) of each of the following:

- Biology or zoology, with laboratory
- Inorganic chemistry, with laboratory
- General physics, with laboratory

One semester or two quarters (minimum of 4 semester hours/6 quarter hours) of organic chemistry, with laboratory

One semester or one quarter (minimum of 2 semester hours/3 quarter hours) of each of the following:

- Introductory psychology
- English composition
- Interpersonal communication (or public speaking, if interpersonal communication is not available)

Courses in genetics, solid art, business administration or personal finance, histology, biochemistry, medical terminology, anthropology, and human anatomy are strongly recommended, but not required.

Applicants should have a minimum of 2.5 (on a 4.0 = A scale) overall grade-point average and a 2.5 science grade-point average. DAT averages of 3 are recommended.

All qualified applicants will be invited for personal interviews with representatives of the Admissions Committee.

Selection criteria include, but are not limited to, overall grade-point average, science grade-point average, Dental Admission Test scores, interviews, recommendations, residency, years and hours of college credit, degrees received, motivation, exploration of dentistry, manual and artistic skills, character, personality, ethics, and health. Although applications from all underrepresented groups are encouraged, the Indiana University School of Dentistry Admissions Committee reviews all applications without discriminating in favor of or against any applicant because of sex, race, creed, religion, handicap, or national origin. Selections are made, on an individual basis, upon appraisal of the applicant's established record and potential for development. Questions regarding minority admissions may be directed to the Office of Minority Affairs (see School of Dentistry address on the inside of back cover).

Preferential consideration will be given to applicants who are residents of Indiana.

Admission to Advanced Standing Credentials indicating satisfactory completion of courses in a school which has at least comparable preliminary requirements and maintains a similar curriculum will be considered for admission of a student to the School of Dentistry at an advanced level. Examinations in all subjects may be required of applicants for advanced standing. Occasionally, graduates of foreign dental schools who desire a degree from Indiana University may be admitted. These students are given a course of study which requires a minimum of three years. Details are available through the Office of Records and Admissions.

Academic Information

B.A./D.D.S. Program Students admitted to the School of Dentistry after completing 90 hours in the College of Arts and Sciences at Indiana University, and who have satisfied the Group I-V requirements, including a concentration in the College of Arts and Sciences, may apply 32 hours earned in their first year in dentistry as electives and at the end of this year earn the B.A. degree. Foreign language is not a requirement of the School of Dentistry; however, it is required in the Combined Degree Program for the Indiana University College of Arts and Sciences.

Students not attending an Indiana University campus should consult the department of concentration at their respective university to investigate the possibility of participating in the Combined Degree Program.

Withdrawals The faculty reserves the right to request the withdrawal of students whose conduct, health, or academic performance would appear to render them unfit for the

continuation of a dental education. Voluntary withdrawals require the approval of the dean of the School of Dentistry. In those cases where students discontinue attendance without officially withdrawing, the instructor shall report the grade of F.

Grades A student's grade in each course will be determined by the combined results of examinations and classroom work. The quality of a student's work will be indicated by the following grades: A, B, C, D, S (satisfactory), F (failure), and I (incomplete). A failure requires repetition of the course. Plus or minus grades may be assigned by faculty members at their discretion.

Incompletes A student who misses a final examination and who has had a passing grade up to that time is given a temporary grade of I (incomplete) if the instructor has reason to believe the absence was beyond the student's control.

If a student is not in attendance during the last several weeks of a semester, the instructor may report a grade of I (indicating the work is satisfactory at the end of the semester but has not been completed) if the instructor has reason to believe the absence was beyond the student's control; if not, the instructor shall record a grade of F. A grade of I must be removed within one year of the date of its recording, or it will automatically be changed to an F by the University Registrar. A grade of I may be removed if the student completes the work within the time limit or if the dean of the School of Dentistry authorizes the change of the I to W. Students may not reenroll in a course in which they have a grade of I.

Counseling Depending upon the nature of the need, students are invited and encouraged to call upon the dean, associate and assistant deans, assistant dean for clinical affairs, or any other faculty or staff member for counseling or advice. A formal student counseling program has been developed and has proven effective in assisting students who experience academic and personal problems.

Attendance Students must attend the courses in which they are enrolled. Discipline and responsibility are fundamental to the practice of dentistry. A policy requiring attendance ensures that each student will obtain maximum exposure to the lectures and the clinical and laboratory experiences available in the curriculum. Students are expected to take advantage of each opportunity to learn, as a demonstration of their responsibility to their patients and their commitment to the highest professional standards.

Individual departments establish attendance requirements for their classes and clinics and acquaint the students with those requirements through course outlines and statements of objectives. Mechanisms are provided for taking class attendance, and absenteeism is reflected in semester grades and clinic privileges. Repeated abuse of attendance policies becomes a part of semester promotion committees' determinations.

A register is maintained in which all students are required to list their clinical appointments. Students are expected to be prompt for appointments with patients at all times. If cancellation or delay of an appointment is unavoidable, the student notifies the patient or the assigned special clinic, as well as the registration desk for patient appointments and the assistant dean for clinical affairs.

Probation

Criteria for probationary status:

1. Failure of any course.
2. An earned semester grade-point average below 2.0.
3. Semester total of 30 percent or more of all enrolled credit hours graded as D.
4. Reenrollment following a period of suspension.

Suspension No dental student who has been suspended may be graduated with honors, or receive an award on Honors Day.

Criteria for suspension:

Any student will be suspended who is found guilty of unacceptable academic and/or professional behavior and/or ethics.

Dismissal Academic dismissal will be considered by the dental school faculty council upon a recommendation from a promotion committee. Students to be considered for dismissal will be granted the opportunity to appear personally before the appropriate promotions committee. This constitutes the appeal process for academic dismissal.

A distinction is intended herein between *probation-earned*, meaning that academic performance has caused this status to be assessed for a given semester; and *probation-continued*, meaning that this status was not assessed for that semester but has not been removed from a prior assessment.

Criteria for dismissal:

1. Any dental student who earns probationary status for a total of three semesters and has an earned cumulative grade-point average below 2.0.
2. Any dental student who receives a grade of F in a combined total of 50 percent or more of the semester credit hours in which he or she is enrolled.
3. Any dental student achieving suspension a second time.
4. Any dental student who demonstrates a lack of acceptable professional behavior (e.g., non-attendance to clinical duties or neglect of attention or responsibility toward assigned patients).
5. When in the judgment of the faculty there is a lack of progress toward the degree requirements.

Promotion No dental student shall be promoted to a succeeding semester in good standing without a minimum 2.0 overall grade-point average.

Certification for Graduation

1. A dental student must have been enrolled for a minimum of eight separate semesters, exclusive of summer sessions or repeated courses or semesters. The dental student must have passed (or been excused from) all required courses, including two separate semesters of the fourth year curriculum. Transfer dental students and advanced standing dental students may be given credit for equivalent enrollment in other schools.
2. A dental student must have achieved a minimum of 2.0 overall grade-point average.

Leave of Absence Policy

1. No student may be granted a leave of absence solely because of poor academic performance.
2. Granting of all leaves must be approved by the dean of the dental school (or the dean's designee), as well as the conditions for reinstatement following such a leave.
3. Written certification shall be required of the appropriate person or agency confirming the need for a leave of absence and for concluding a leave of absence.

Similar academic standards apply to dental hygiene and dental assisting students.

Academic Information

The Multi-Track Dental Education Program

The first three years of the dental curriculum are referred to as the core curriculum, which consists of courses in the basic sciences and preclinical sciences, or dental laboratory technic courses. In addition, clinical experiences commensurate with the level of training are increased each year. During the fourth year, all students are enrolled in the Family Practice Program, which allows them to participate in the planning of their schedules.

The educational program is outlined below. *(All classes and schedules are subject to change without notice.)*

First Year—First (Fall) Semester (Aug.–Dec.)

Course Number	Course Title	Credit Hours	Students are Assigned
D501	Introduction to Clinical Dentistry	1.0	
	Behavioral Mgmt. Lectures (D503)		
	Oral Diagnosis Lecture (Entire Class)		
	Oral Diagnosis Clinic		
	Riley Dental Clinic Orientation and Pretest (1/2 class)		
	Riley Dental Clinic (1/2 class)		
	Pediatric Dentistry Clinic		
	Plaque Clinics		
	Clinical Correlation Seminars		
D504	History of Dentistry and Ethics Lecture	1.0	
D505	Biochemistry for Dental Students Lecture	4.0	
D507	Oral Biology Lecture	2.0	
D509	Tooth Morphology Lecture	1.0	
D510	Tooth Morphology Laboratory	1.5	
D513	Histology Lecture and Laboratory	4.0	
D515	Operative Dentistry Lecture	1.5	
D516	Operative Dentistry Laboratory	5.0	
D552	Periodontics Lecture	1.0	
Totals:		22.0	

First Year—Second (Spring) Semester (Jan.–May)

		Credit Hours	Students are Assigned
D502	Introduction to Clinical Dentistry	.5	
	Operative Dentistry Clinic		
	Riley Dental Clinic Orientation and Pretest (1/2 class)		
	Riley Dental Clinic (1/2 class)		
	Oral Diagnosis Clinic		
	Local Anesthetic Clinic (D532)		
	Periodontic Clinics (D553)		
D503	Practice Administration I (6 hrs. scheduled in D501)	1.0	
F509	Human Physiology Lecture	5.0	
D511	Human Anatomy Lecture and Laboratory	6.0	
D517	Operative Dentistry Lecture	1.5	
D518	Operative Dentistry Laboratory	3.0	
D519	Radiology Lecture	1.0	
D520	Occlusion Lecture	1.0	
D521	Occlusion Laboratory	1.0	
D532	Introduction to Local Anesthesia Lecture and Technic	0.5	
D553	Periodontics Lecture, Laboratory and Clinic (6 hrs clinic scheduled in D502)	2.0	
Totals:		22.5	

Students receive letter grades in each of the above-listed courses except D501 and D502. Satisfactory-failing (S-F) grades are given for these two courses.

Second Year—First (Fall) Semester (Aug.–Dec.)

		<i>Credit Hours</i>
D601	Craniofacial Growth and Development Lecture	1.0
D603	Clinic for Second-year Students	1.5
	Operative Dentistry Clinic	
	Periodontic Clinic	
	Graduate Periodontic Clinic	
	Oral Hygiene Instruction	
	Radiology Clinic (D629)	
	Oral Diagnosis Clinic	
C607	General Pathology Lecture and Laboratory	5.0
D607	Periodontic Lecture	1.0
D608	Oral Histology and Pathology Lecture	2.0
D612	Dental Materials Lecture	3.0
D613	Fixed Partial Prosthodontics Lecture	2.0
D614	Fixed Partial Prosthodontics Laboratory	3.0
D629	Radiology Lecture and Clinic	1.0
J650	Microbiology for Dental Students Lecture and Laboratory	3.5
Totals:		23.0

Second Year—Second (Spring) Semester (Jan.–May)

<i>Course Number</i>	<i>Course Title</i>	<i>Credit Hours</i>
D602	Principles of Orthodontics Lecture	1.0
D604	Clinic for Second-year Students	1.5
	3-3 hr. Operative Dentistry Clinics	
	3-3 hr. Periodontic Clinics	
	1-3 hr. Graduate Periodontic Clinic	
	1-3 hr. Oral Hygiene Instructions	
	2-3 hr. Radiology Clinics (D630)	
	1-3 hr. Oral Surgery Clinic and Seminar (D632)	
	2-3 hr. Oral Diagnosis Clinics	
D609	Oral Histology and Pathology Lecture	3.0
D610	Oral Histology and Pathology Clin. Correlation Conference	1.0
D615	Fixed Partial Prosthodontics Lecture	2.0
D616	Fixed Partial Prosthodontics Laboratory	3.0
D617	Endodontics Lecture	1.0
D618	Endodontics Laboratory	1.5
D619	Removable Partial Prosthodontics Lecture	2.0
D620	Removable Partial Prosthodontics Laboratory	2.0
D630	Radiology Clinic	1.0
D632	Oral Surgery Orientation and Clinical Seminar	.5
D635	Complete Denture Lecture and Laboratory and Clinic	4.5
D685	Clinical Activities/Pt. Management Lecture	.5
Totals:		24.5

Students receive letter grades in each of the above-listed courses except D603, D604, and D632. Satisfactory-failing (S-F) grades are given in these three courses. Classes are scheduled for fifteen weeks each semester for the first two years (600 clock hours). The sixteenth week is used for final examinations.

Third Year—First (Fall) Semester (Aug.–Dec.)

<i>Course Number</i>	<i>Course Title</i>	<i>Credit Hours</i>
D763	Complete Denture Lecture	1.0
D771	Orthodontic Diagnosis and Treatment Planning Lecture	1.5
The above two courses are completed during the summer session following the second year.		
D703	Public Health Lecture	1.0
D723	Operative Dentistry Lecture	1.0

D724	Operative Dentistry Clinic Students appoint their assigned patients.	2.0
D727	Radiology Seminar Students are assigned.	.5
D729	Oral Diagnosis Lecture	1.5
D730	Oral Diagnosis Clinic Students are assigned.	1.0
D733	Oral Surgery Lecture	1.0
D734	Oral Surgery Clinic (Dental School & Regenstrief) Students are assigned.	.5
D753	Periodontic Lecture	1.0
D754	Periodontic Clinic Students appoint their assigned patients.	2.0
D761	Pediatric Dentistry Technic Auto Instruction—students schedule their own time.	.5
D762	Pediatric Dentistry Lecture	1.0
D764	Complete Denture Clinic Students appoint their assigned patients. Students are assigned.	2.0
D772	Introduction to Clinical Orthodontics	1.5
D791	Removable Partial Prosthodontics Lecture	1.0
D794	Pharmacology Lecture	2.0
Other Clinic Assignments:		
	Riley Hospital Dental Clinic	
	Fixed Partial Prosthodontics Clinic	
Totals:		22.0

Third Year—Second (Spring) Semester (Jan.—May)

D701	Jurisprudence Lecture	1.0
D702	Practice Administration II Lectures	1.0
D705	Therapeutics and Dental Pharmacology Lecture	1.0
D706	Local and General Anesthesia Lecture	1.0
D714	Preventive Dentistry Clinic Students appoint their assigned patients.	.5
D718	Fixed Partial Prosthodontics Clinic Students appoint their assigned patients. Students are assigned.	1.5
D725	Operative Dentistry Lecture	1.0
D726	Operative Dentistry Clinic Students appoint their assigned patients.	1.5
D728	Radiology Clinic Students are assigned.	.5
D731	Oral Diagnosis Lecture	1.0
D732	Oral Diagnosis Clinic Students are assigned.	1.0
D735	Oral Surgery Lecture	1.0
D736	Oral Surgery Clinic Students are assigned.	.5
D756	Periodontic Clinic Students appoint their assigned patients.	1.5
D765	Complete Denture Clinic Students appoint their assigned patients. Students are assigned.	1.5
D766	Pediatric Dentistry Lecture	1.0
D780	Endodontic Clinic Students appoint their assigned patients.	1.5
D781	Internal Medicine Lecture	1.0

D783	Clinical Genetics	.5
D795	Removable Partial Prosthodontics Lecture	1.0
Other clinic assignments:		
	Pediatric Dentistry Clinic ($\frac{2}{3}$ of class— $\frac{1}{3}$ summer and $\frac{1}{3}$ fall)	
	Veterans Administration Hospital	
	Regenstrief Center	
Totals:		20.5

Students receive letter grades in each of the above-listed courses except D727. Satisfactory-failing (S-F) grades are given in this course.

Classes are scheduled for fifteen weeks each semester during the third year. The sixteenth week is used for final examinations. Any third-year student who completes all clinical requirements for graduation by the end of that summer session may apply, with the consent and support of the department chair, for admission to the Division of Graduate Education during the fourth year.

Fourth Year—First (Fall) Semester (Aug.–Dec.)

Course Number	Course Title	Credit Hours
D818	Fixed Partial Prosthodontics Clinic	2.0
D826	Current Concepts Lecture	2.0
D837	Basic Cardiac Life Support Review & Laboratory	1.0
	This course is completed during the 3 summer sessions.	
D867	Pediatric Dentistry Clinic	2.0
	Students are assigned:	
	$\frac{1}{3}$ class in third year, second semester;	
	$\frac{1}{3}$ class in summer session following the third year;	
	$\frac{1}{3}$ class in fourth year, first semester.	
D874	Family Practice Program	6.5
	Students appoint their assigned patients to all clinics to complete clinical requirements. In addition, students must appoint their assigned patients to:	
	Operative Dentistry Clinic—4 times each month (Sept.–March)	
	Periodontic Clinic—2 times each month (Sept.–April)	
	Students will be assigned to:	
	Oral Surgery Clinic	
	Endodontics Clinic	
D876	Intramural Program Electives	.5
	Additional elective courses are available to students in other than this required amount.	
Other clinic assignments:		
	Practice Administration III Clinic (TEAM Clinic):	
	$\frac{1}{3}$ of class in summer session after the third year;	
	$\frac{1}{3}$ of class during fall semester.	
	Grades received in D885 in second semester.	
	Wishard Hospital (same as for Practice Administration III Clinic) Credit given in D873	
Totals:		14.0

Fourth Year—Second (Spring) Semester (Jan.–May)

D827	Current Concepts Lecture	2.0
D873	Wishard Hospital Program	1.0
	Students are assigned a maximum of 7 days—	
	$\frac{1}{3}$ class in summer session following	
	third year; $\frac{2}{3}$ class in fourth year.	
D875	Family Practice Program (see D874 above)	7.5
D877	Intramural Program Electives (see D876 above)	.5
D885	Practice Administration III Clinic (TEAM)	1.0 to 2.0
D896	Removable Partial Prosthodontics Clinic	1.5
Totals:		13.5 to 14.5

Fourth-year clinics are scheduled for fifteen weeks each semester.

Summer Sessions (May–July)

Course Number	Course Title	Credit Hours
D600	Clinical Procedures Elective for students following first year. Most students utilize this time to treat patients.	3.0
D650	Extramural Programs One week required for all students following first year.	1.0
D700	Clinical Procedures Elective for students following second year. Almost all students utilize this time to treat patients.	2.5
D750	Extramural Programs One week required for all students following second year.	1.0
D800	Clinical Procedures Elective for students following third year. All students utilize this time to treat patients. See Fourth Year. D837, D867 & D885	3.0
D850	Extramural Programs One week required for all students following third year.	1.0
D500	Clinical Procedures For irregularly enrolled students first or second semesters or summer session.	2.5
D900	Clinical Procedures Following the fourth year, required for all students who have not been certified for graduation by the last day for summer registration. Elective for those students who have been certified for graduation by the last day of summer registration. Required for those students still not certified for graduation by the first day of the summer Indiana Dental Board examination. Elective for those students certified for graduation by the first day of the summer Indiana Dental Board examination.	1.5 4.5

Fifth Year—First (Fall) Semester (Aug.–Dec.)

D901	Family Practice Program, continued Elective for those students certified for graduation by the last day of fall registration. Required for those students not certified for graduation by the last day of fall registration. Elective for those students certified for graduation by the first day of the fall Indiana Dental Board examination. Required for those not certified for graduation by the first day of the fall Indiana Dental Board examination.	4.0 11.0
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Fifth Year—Second (Spring) Semester (Jan.–May)

D902	Family Practice Program, continued Elective for students certified for graduation by the last day of spring semester registration. Required for students not certified for graduation by the last day of spring semester registration.	11.0
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Undergraduate Courses, 1987-89

The letter before the course number indicates field of study or category. The roman numeral after the year offered indicates the semester: I, 1st semester; II, 2nd semester. The figures given in parentheses with "cr." indicate credit hours.

Anatomy

D511 Human Anatomy: First Year II (Lecture and Laboratory) (6 cr.) Gross anatomical features of human body; special emphasis on head and neck.

D513 Histology: First Year I (Lecture and Laboratory) (4 cr.) Histogenesis and microscopic structure of human tissues and organs; morphologic evidence of their function.

Biochemistry

D505 Biochemistry for Dental Students: First Year I (Lecture) (4 cr.) The molecules of life. Chemical nature of major tissue constituents, intermediary metabolism, chemical regulation of body functions. Principles of nutrition; special emphasis on oral biochemistry and dental relevance throughout.

Clinical Activities

D685 Clinical Activities/Patient Management: Second Year II (Lecture) (.5 cr.) Lectures, describing clinical graduation requirements, how patients are assigned, how administrative and professional care records are kept, and how patient pay-records are maintained. Preparation for clinical activities.

Current Concepts

D826 and D827 Current Concepts: Fourth Year I & II (Lectures) (2-2 cr.) Lectures on current concepts from the various disciplines in dentistry.

Dental Materials

D612 Dental Materials: Second Year I (Lecture) (3 cr.) Discussion of physical and chemical properties of dental materials; effect of manipulation upon these properties; clinical applications stressed.

Endodontics

D617-D618 Endodontics: Second Year II (Lecture and Laboratory) (1-1.5 cr.) Correlation of basic endodontic procedures and related biological principles.

D780 Endodontics: Third Year II (Clinic) (1.5 cr.) Clinical applications of principles of endodontics taught in preclinic years. Correct selection of cases, effective treatment procedures, restoration of pulpless tooth following endodontic treatment.

Extramural Programs (See Summer Sessions entry) D650, D750, D850

Students are required to devote one week each summer session (three weeks total) to this experience. Students may select from the following experiences: (1) private dental office, (2) state institutions, (3) community health centers, and (4) hospital dental programs. Assignment is commensurate with the individual student's level of training and ability.

Family Practice Program

D874-D875 Family Practice Program: Fourth Year I-II (6.5-7.5 cr.) All fourth year dental students are enrolled in these courses for completion of clinical requirements for graduation. In addition, students must participate in various clinics by either assignment or voluntary sign-up.

D901 Family Practice Program Continued: Fifth Year I (4 cr. or 11 cr.) Elective for students who are certified for graduation, and required for those not certified for graduation by the specified dates.

D902 Family Practice Program Continued: Fifth Year II (11 cr.) Elective for students who are certified for graduation by the last day of spring semester registration, and required for those not certified by the last day of spring semester registration.

Genetics

D783 Clinical Genetics: Third Year II (.5 cr.) Lectures designed to make the student knowledgeable about the inheritance of the more common diseases affecting the human dentition, face, and mouth. A background in principles of Mendelian inheritance is assumed.

Internal Medicine

D781 Internal Medicine: Third Year II (Lecture) (1 cr.) The more important systemic diseases and drugs used in their treatment.

Intramural Programs

D876-877 Intramural Program Electives: Fourth Year I-II (.5-.5 cr.) Many intramural courses, largely clinically oriented, are available from which students must select experiences to enhance their dental education and improve their clinical skills.

Microbiology

J650 Microbiology for Dental Students: Second Year I (Lecture and Laboratory) (3.5 cr.) Microbiology and immunology of health and disease with emphasis on infectious diseases important in dentistry; procedures for sterilization and asepsis.

Occlusion

D520-D521 Occlusion: First Year II (Lecture and Laboratory) (1-1 cr.) Student will be instructed in the relationships between teeth in the upper and lower jaws and the influence upon this relationship by the temporomandibular joint. The dynamics of occlusion and articulation will be studied. Technique projects will be performed that reinforce the understanding of the dynamics of occlusion and articulation.

Operative Dentistry

D515-D516 Operative Dentistry: First Year I (Lecture and Laboratory) (1.5-5 cr.); and **D517-D518 Operative Dentistry: First Year II (Lecture and Laboratory)** (1.5-3 cr.) Training in principles of operative dentistry and basic technical procedures; classification of cavity preparation, instrumentation and manipulation, and physical properties of materials. Prepares for clinical program to follow.

D723-D724 Operative Dentistry: Third Year I (Lecture and Clinic) (1-2 cr.); and **D725-D726 Operative Dentistry: Third Year II (Lecture and Clinic)** (1-1.5 cr.) Classroom instruction and clinical experience in patient care using established principles of operative dentistry. This is inclusive of anesthesia, isolation, selection of treatment option and its corresponding preparation, experience with materials, and the gaining of experience and skills while treating patients.

Oral Diagnosis/Oral Medicine

D729-D730 Oral Diagnosis: Third Year I (Lecture and Clinic) (1.5-1 cr.), and **D731-D732 Oral Diagnosis: Third Year II (Lecture and Clinic)** (1-1 cr.) Lectures and clinical practice in oral examination, history taking, coordination of symptomatology; interpreting radiographs and detecting etiologic factors, both systemic and local, of oral disorders.

Oral Surgery

D532 Introduction to Local Anesthesia—Lecture and Technique: First Year II (.5 cr.) Pharmacology, anatomy and technique of local anesthesia. Also included is an introduction to medical emergencies in the dental office.

D632 Oral Surgery Orientation and Clinical Seminar: Second Year II (Lecture-Seminar)

(.5 cr.) Orientation and instruction in the basic theories and clinical techniques of exodontia and dentoalveolar surgery prior to clinical experience in the Department of Oral and Maxillofacial Surgery.

D706 Local and General Anesthesiology: Third Year II (Lecture) (1 cr.) A review of local anesthesia, principles of general anesthesia, nitrous oxide analgesia; diagnosis and treatment of medical emergencies.

D733-D734 Oral Surgery: Third Year I (Lecture and Clinic) (1-.5 cr.); and **D735-D736 Oral Surgery: Third Year II (Lecture and Clinic)** (1-.5 cr.) Lectures, demonstrations, clinical practice in local anesthesiology, surgical anatomy, and basic principles of surgery; diagnosis and treatment of diseases and infections of face, neck, oral cavity, and adjacent tissues; supervised removal of teeth and minor surgery procedures.

D837 Cardiopulmonary Resuscitation Review and Laboratory: Fourth Year I (Auto Instruction and Laboratory) (1 cr.) Review of anatomy and physiology of the heart and lungs, conditions that may predispose one to cardiovascular disease, and means of modifying risk factors. Demonstration and practice of CPR psychomotor skills on adult- and child-sized manikins. Techniques for managing obstructed airways. Practical examination required for certification. Actually given during the three summer sessions.

Orthodontics

D601 Craniofacial Growth and Development: Second Year I (Lecture) (1 cr.) Growth and development of the craniofacial complex is presented in descriptive and theoretical terms as it relates to occlusion and orthodontics.

D602 Principles of Orthodontics: Second Year II (Lecture) (1 cr.) The diagnosis and etiology of dental, skeletal, and neuromuscular components of malocclusions are presented.

D771 Orthodontic Diagnosis and Treatment Planning: Summer Session II (Lecture) (1.5 cr.) Orthodontics: case analysis, treatment planning, and management. Biology, biomechanics of tooth movement, sequelae thereof, and interaction with other phases of dentistry.

D772 Introduction to Clinical Orthodontics: Third Year I (Laboratory) (1.5 cr.) Students perform complete orthodontic case analysis on each other. Simulated tooth movement exercises with fixed appliances on a typodont and construction of removable appliances.

Pathology

C607 General Pathology: Second Year I (Lecture and Laboratory) (5 cr.) Principles of disease production in human body; gross specimens and histologic analyses as means of teaching common ways in which living tissues and organs of body respond to various injurious agents.

D608-D609 Oral Histology and Pathology: Second Year I-II (Lecture) (2-3 cr.)

Microscopic study of oral tissues and their development, including developmental abnormalities and acquired disorders. Illustrated lectures covering oral lesions. Close association is maintained with clinical dental departments.

D610 Oral Histology and Pathology Clinical Correlation Conference: Second Year II (1 cr.)

A clinicopathic conference covering the clinical and/or radiographic features of developmental and acquired diseases. These features are correlated with the microscopic features. Therapy and prognostic factors are discussed.

Pediatric Dentistry

D761 Pediatric Dentistry Technic: Third Year I (Auto Instruction) (.5 cr.) Selected restorative and space management technical procedures in pediatric dentistry.

D762 Pediatric Dentistry: Third Year I (Lecture) (1 cr.) Management of child behavior in dental office; radiographic techniques for the child; examination of the child's mouth; evaluation of occlusion in the child; restorative and preventive procedures for children; pulp therapy in the child patient.

D766 Pediatric Dentistry: Third Year II (Lecture) (1 cr.) Dental auxiliary utilization; management of traumatic injuries in primary and permanent teeth; space management in primary and mixed dentitions; correction of minor irregularities in the developing dentition.

D867 Pediatric Dentistry Clinic: Fourth Year I (2 cr.) Clinical assignment in practice of dentistry for children.

Periodontics

D552 Periodontics: First Year I (Lecture) (1 cr.) Study of the normal periodontium at the clinical, histologic, and biochemical levels; procedures involved in carrying out a comprehensive periodontal examination and performing a periodontal prophylaxis.

D553 Periodontics: First Year II (Lecture, Laboratory, and Clinic) (2 cr.) Etiology and pathogenesis of the periodontal lesion; healing and repair of the periodontium;

diagnosis of periodontal diseases; oral hygiene management; the role of scaling and root planing in periodontal therapy; epidemiology of periodontal disease.

D607 Periodontics: Second Year I (Lecture) (1 cr.) Diagnosis, treatment, and prevention of periodontal disease; maintenance of oral health.

D753 Periodontics: Third Year I (Lecture) (1 cr.) Surgical treatment of the inflammatory periodontal diseases; criteria for success in periodontal therapy; maintenance of the treated patient.

D754 Periodontics: Third Year I (Clinic) (2 cr.) Periodontal diseases confronting the general practitioner, their etiology, symptomatology, and accepted methods of treatment.

D756 Periodontics: Third Year II (Clinic) (1.5 cr.) Review of principles taught in preceding years; emphasis on instrumentation and clinical procedures; subject material provided by clinical cases.

Pharmacology and Therapeutics

D705 Therapeutics and Dental Pharmacology: Third Year II (Lecture) (1 cr.) Lectures and quizzes in rational use of drugs, supported by pharmacotherapeutics, toxicology, posology, materia dentica, prescription writing, and clinical demonstrations.

D794 Pharmacology: Third Year I (Lecture) (2 cr.) Site and mechanism of typical drugs; drugs used most frequently in dentistry.

Physiology

F509 Human Physiology: First Year II (Lecture) (5 cr.) Study of muscle, nervous systems, body fluids, circulation, respiration, digestion, metabolism, excretion, endocrines, sense organs, and body systems.

Practice Administration

D503 Practice Administration I: First Year II (Lecture) (1 cr.) Basic concepts in personnel and business management, including communications, decision making, and accounting.

D504 History of Dentistry and Ethics: First Year I (Lecture) (1 cr.) Dentistry in prehistoric, ancient, medieval, and modern periods; discussion of development of modern phases of practice; development of dental education traced; dental code of ethics explained.

D701 Jurisprudence: Third Year II (Lecture) (1 cr.) Cases in elementary law; contracts and torts as applied to dental practice and professional relationships, duties and

liabilities, malpractice, and statutes governing dental practice.

D702 Practice Administration II: Third Year II (Lecture) (1 cr.) Lecture on office administration, including personnel and business management.

D885 Practice Administration III: Fourth Year I and II (Clinic) (1-2 cr.) Clinic experience during which students treat patients in simulated private practice settings while applying management principles. All students will be enrolled in D885 and given grades in the spring semester of the fourth year.

Preventive Dentistry

D507 Oral Biology: First Year I (Lecture) (2 cr.) Study of the biology of the mouth in health and disease. Dental nutrition presented to dovetail with basic nutrition principles presented in the biochemistry course. Stresses the correlation of basic sciences with clinical activities.

D714 Preventive Dentistry: Third Year II (Clinic) (.5 cr.) Special clinic course to teach standard laboratory procedures in planning an effective preventive program for a dental patient; correlating diagnosis with treatment plan.

Prosthodontics

Complete Denture Prosthodontics

D635 Complete Denture: Second Year II (Lecture, Laboratory, and Clinic) (4.5 cr.) Lectures, laboratory, and clinical exercises in basic techniques; prepares students for clinical practice in third and fourth years.

D763 Complete Denture: Third Year I (Lecture) (1 cr.) Lectures on all aspects of complete denture prosthodontics at intermediate and advanced levels.

D764-D765 Complete Denture: Third Year I-II (Clinic) (2-1.5 cr.) Clinical practice, including diagnosis, treatment planning, and patient treatment in prosthetic procedures.

Fixed Partial Prosthodontics

D613-D614 Fixed Partial Prosthodontics: Second Year I (Lecture and Laboratory) (2-3 cr.); and D615-D616 Fixed Partial Prosthodontics: Second Year II (Lecture and Laboratory) (2-3 cr.) Instruction in the fundamentals, including diagnosis, treatment planning and bridge design, tooth preparation, and fabrication of full veneer, partial veneer, metal-ceramic crown retainers, pontic forms, soldering, temporary restorations, posts and cores, and indirect procedures.

D718-D818 Fixed Partial Prosthodontics: Third Year II-Fourth Year I (Clinic)

(1.5-2 cr.) Clinical instruction in diagnosis, treatment planning, tooth preparation, prosthesis design and fabrication, evaluation, adjustment, cementation, and post insertion care of prostheses utilizing full veneer, partial veneer and metal-ceramic retainers.

Removable Partial Prosthodontics

D619-D620 Removable Partial Prosthodontics: Second Year II (Lecture and Laboratory) (2-2 cr.) Introduces student to the use of the removable partial denture in restoring the mouth to health and function. Indications, component parts, and biologically sound design are emphasized. Diagnosis and clinical procedures are introduced. Laboratory designed to demonstrate principles and procedures presented in lecture.

D791 Removable Partial Prosthodontics: Third Year I (Lecture) (1 cr.) Clinically oriented lecture and seminar course. Lectures deal primarily with clinical procedures required in removable partial denture construction. Small group seminars discuss diagnosis and treatment planning, including mouth preparation and combined fixed and removable prosthodontic treatment.

D795 Removable Partial Prosthodontics: Third Year II (Lecture) (1 cr.) Lecture course encompassing both fixed and removable partial denture topics, reinforcing fundamentals originally presented in the introductory courses and offering more advanced and alternative methods of partial denture treatment such as precision attachments, resin bonded bridges and mucostatics.

D896 Removable Partial Prosthodontics: Fourth Year II (Clinic) (1.5 cr.) Clinical practice in diagnosis, treatment planning, mouth preparation, fabrication, insertion, and care of removable partial dentures.

Public Health

D703 Public Health: Third Year I (Lecture) (1 cr.) Problems relating to public health as applied to dentistry; how health problems are integrated with local communities; state and national programs.

Radiology

D519 Radiology: First Year II (Lecture) (1 cr.) This course consists of lectures on the principles of x-ray generation, nature and behavior of x-rays, chemistry of film processing, radiation biology, and hygiene and radiographic anatomic interpretation.

D629 Radiology: Second Year I (Lecture) (1 cr.) Students will attend lectures on radiographic interpretation. An organized

method of interpretation will be presented. Various diseases will be illustrated.

D630 Radiology: Second Year II (Clinic)

(1 cr.) This course begins at the end of the first year during the summer session.

Intraoral radiographic techniques taught on manikins; additional clinic summer assignments made. Students assigned to radiography clinic during the fall and spring semesters of the second year. Final grade submitted at end of spring semester.

D727 Radiology: Third Year I (Seminar)

(.5 cr.) Students will be assigned to seminar sessions, after which they will be able to demonstrate competency in extraoral radiographic technics and extraoral radiographic interpretation. Technics such as lateral head plates, cross-fire localization, temporomandibular joint studies and panoramics will be demonstrated and studied.

D728 Radiology: Third Year II (Clinic)

(.5 cr.) Radiology clinic experience.

Special Clinics

D500 Clinical Procedures: For Irregularly Enrolled Students (2.5 cr.) Summer, fall, and spring semesters. See summer sessions.

D501-D502 Introduction to Clinical

Dentistry: First Year I-II (1-.5 cr.) Orientation to the clinic, radiography, oral diagnosis, and treatment planning, personal oral health, surgical procedures, and local anesthesia.

D603-D604 Clinic: Second Year I-II (1.5-1.5

cr.) Students are scheduled to treat patients needing periodontics, operative dentistry, oral surgery, and radiology.

D873 Wishard Hospital Assignment: Fourth

Year II (1 cr.) Each fourth-year student is assigned for approximately one week to gain experience with medical and dental emergencies. Will be assigned either summer, fall, or spring semester.

Students are scheduled for numerous other special clinics in Wishard Memorial and Veterans Administration Hospitals, Riley and Long hospitals, and the Regenstrief Center, as well as in the School of Dentistry.

Tooth Morphology

D509-D510 Tooth Morphology: First Year I (Lecture and Laboratory) (1-1.5 cr.)

Morphologic and functional study of the teeth; their arrangement and occlusion.

Summer Sessions

D600 Clinical Procedures: Summer

Following First Year (3 cr.) Elective for students who wish to utilize dental school clinics.

D650 Extramural Programs: Summer

Following First Year (1 cr.) Each student is required to participate for one week in extramural settings.

D700 Clinical Procedures: Summer

Following Second Year (2.5 cr.) Elective for students who wish to utilize dental school clinics.

D750 Extramural Programs: Summer

Following Second Year (1 cr.) Each student is required to participate for one week in extramural settings.

D800 Clinical Procedures: Summer

Following Third Year (3 cr.) Elective for students who wish to utilize dental school clinics.

D850 Extramural Programs: Summer

Following Third Year (1 cr.) Each student is required to participate for one week in extramural settings.

D500 Clinical Procedures: For Irregularly

Enrolled Students (2.5 cr.) Summer, fall, and spring semesters. See also Special Clinics.

D900 Clinical Procedures (1.5-4.5 cr.)

Required during the summer following the fourth year for those who were not certified for graduation. Elective for those certified.

Dental Auxiliary Education

Dean and Professor Gilmore

Chairperson and Professor of Dental Practice Administration Tharp

Director of Dental Auxiliary Education and Assistant Professor Niemann

Dental Hygiene

Director and Associate Professor Oldsen

Associate Dean and Research Professor Phillips

Associate Dean and Professor Standish

Professors Dirlam, Goldblatt, Kasle, J. McDonald, Niederpruem, Swartz, Swenson, Tomich

Associate Professors Ryan, C. Smith, Willis

Assistant Professors Johns, Rackley, Totten, Williamson, Young, Zunt

Instructor McCullough

The dental hygienist is a member of the dental health team providing educational, preventive, and therapeutic oral health services. Employment opportunities may be available in private dental practice, hospitals, public health, educational institutions, and research. Indiana University offers a program leading to an Associate in Science degree and a program leading to a Bachelor of Science degree. (See inside back cover for listing of the dental hygiene programs.)

The objectives of the associate program are designed to allow students to:

1. perform the traditional dental hygiene functions in a private dental practice;
2. be clinically competent in current preventive oral health services;
3. synthesize knowledge of the basic, social, and dental sciences in assessing and performing oral health services;
4. employ decision-making skills in providing services in community health care programs;
5. perform additional services as determined by projected dental health needs; and
6. prepare for admission to baccalaureate programs.

Admission Requirements The freshman year may be taken at any accredited college or university. A total of 30 semester hours must be completed, with required courses including one semester each of English composition, chemistry with laboratory, psychology, sociology, public speaking, and two semester courses in arts and humanities. To learn which is the appropriate chemistry course, contact the Office of Records and Admissions. Remedial courses may not be used to fulfill this requirement. All applicants must maintain a 2.0 (on a 4.0=A scale) average to be eligible for admission to the program. Courses taken at institutions other than Indiana University must show a grade of C or above to be accepted as transfer credit by Indiana University. In addition, all required courses are to be completed by June of the year in which the applicant wishes to enter the program.

A personal interview with members of the dental hygiene admissions committee is scheduled in the spring after all credentials are received.

All applications and supporting materials are to be submitted by February 1. Applications to the program may be obtained by contacting the Office of Records and Admissions, Indiana University School of Dentistry, 1121 West Michigan Street, Indianapolis, Indiana 46202; or contact the director at any of the regional campuses.

Class size is limited, and there are more qualified applicants than can be accepted each year. All applicants are encouraged to consult with the specific program directors for pre-dental hygiene counseling. The dental hygiene admissions committee reviews all applications without discriminating in favor of or against any applicant because of sex, race, creed, religion, handicap, or national origin. Selections are made on an individual basis, upon appraisal of the applicant's established record and potential for development.

Baccalaureate Degree Program The bachelor's degree program provides the background for the dental hygienist to assume additional roles in the delivery of oral health services in local, state, and federal public health programs as well as in educational programs. Applicants must

be graduates of an accredited dental hygiene program and have satisfactorily completed the National Board Dental Hygiene Examination. An application to the program may be obtained by addressing communications to Director, Dental Hygiene Program, Indiana University School of Dentistry, 1121 West Michigan Street, Indianapolis, Indiana 46202. Application deadline is April 1.

Predental Hygiene (Suggested)

First Semester

English Composition
Sociology
Arts and Humanities
Chemistry with Lab

Second Semester

Arts and Humanities
Public Speaking
Psychology
Electives

First Year Dental Hygiene

First Semester, Total 16 cr.

DHYG H212 Human Biology I (4 cr.)
DHYG H214 Oral Anatomy (3 cr.)
DHYG H216 Chemistry and Nutrition (3 cr.)
DHYG H218 Fundamentals of Dental Hygiene (4 cr.)
DHYG H303 Radiology (1 cr.)
DHYG H224 Oral Histology and Embryology (1 cr.)

Second Semester, Total 18 cr.

DHYG H213 Human Biology II (4 cr.)
DHYG H308 Dental Materials (2 cr.)
MICR J200 Microbiology and Immunology (3 cr.)
MICR J201 Microbiology Laboratory (1 cr.)
DHYG H215 Pharmacology and Therapeutics (2 cr.)
DHYG H219 Clinical Practice I (4 cr.)
DHYG H242 Introduction to Dentistry (1 cr.)
DHYG H205 Medical and Dental Emergencies (1 cr.)

Second Year Dental Hygiene

First Semester, Total 15 cr.

DHYG H217 Preventive Dentistry (2 cr.)
DHYG H305 Radiology Clinic (1 cr.)
DHYG H304 Oral Pathology (2 cr.)
DHYG H301 Clinical Practice II (5 cr.)
DHYG H311 Dental Health Education (2 cr.)
DHYG H321 Periodontics (1 cr.)
DAE E351 Advanced Dental Materials for Dental Auxiliaries (2 cr.)

Second Semester, Total 12 cr.

DHYG H302 Clinical Practice III (5 cr.)
DHYG H305 Radiology Clinic (1 cr.)
DHYG H347 Community Dental Health (4 cr.)
DHYG H344 Senior Hygiene Seminar (2 cr.)

Courses for the Professional Curriculum for Dental Hygienists

H205 Medical and Dental Emergencies (1 cr.)

A study in emergency situations in the dental office, including predisposing factors and drugs, and treatment to include the support of the cardiopulmonary system.

H212-H213 Human Biology I-II: First Year (4-4 cr.) Gross and microscopic anatomy, physiology, embryology, and pathology of the human body with special emphasis on the head and neck.

H214 Oral Anatomy (3 cr.) A study of the morphology, structure, and function of deciduous and permanent teeth and surrounding tissues, also including osteology of the maxilla and mandible, nerve and vascular supply of teeth, muscles of mastication, with reinforcing laboratory procedures and clinical application.

H215 Pharmacology and Therapeutics: First Year (2 cr.) Actions and uses of drugs and theory of anesthetics; emphasis on drugs used in dentistry.

H216 Chemistry and Nutrition: First Year (3 cr.) Specific ideas in chemistry are correlated with working principles in dentistry—previous knowledge of chemistry assumed.

H217 Preventive Dentistry: Second Year (2 cr.) Detection and prevention of dental disease; included is a study of dental surveys, dental indices, and fluoride therapy.

H218 Fundamentals of Dental Hygiene: First Year (4 cr.) An introduction to the dental and dental hygiene profession, including the basic didactic and laboratory/clinic practice for the performance of dental hygiene services.

H219 Clinical Practice I (4 cr.) Performance of dental hygiene services in various clinical settings. Included is didactic instruction and application of dental hygiene procedures for providing patient care and an introduction to oral diagnosis.

H221 Clinical Dental Hygiene Procedures (1-3 cr.) Clinical assignment for instruction and experience in performing dental hygiene services.

H224 Oral Histology and Embryology (1 cr.) Histological aspects of the tooth and periodontium: embryologic development of the face and neck.

H242 Introduction to Dentistry (1 cr.) An overview of the specialties of dentistry with specific lectures on management of the child patient, cavity classification and nomenclature, the space maintenance concept, patient motivation, and auxiliary involvement with the geriatric patient.

H301-H302 Clinical Practice II-III (5-5 cr.) Continued performance of dental hygiene services in various clinical settings. Included are didactic instruction and clinical application of dental hygiene services for providing patient care.

H303 Radiology (2 cr.) Principles of radiation production, placement of intraoral film, proper exposure and processing of film, radiation safety, and interpretation of radiographs.

H304 Oral Pathology: Second Year (2 cr.) Developmental abnormalities and acquired disorders of teeth and surrounding structure.

H305 Radiology Clinic (1 cr.) Clinical application of intraoral and extraoral radiographs.

H308 Dental Materials: First Year (2 cr.) Composition, physical and chemical properties of materials used in dentistry.

H311 Dental Health Education (2 cr.) An introduction to basic communication and motivation skills, instructional objectives, learning theory, evaluation of educational materials, special needs patients.

H321 Periodontics (1-2 cr.) A study of periodontal disease, including the anatomy, classification, etiology, treatment, and relationship to systemic conditions.

H344 Senior Hygiene Seminar (2 cr.) Ethics, jurisprudence, and practice management concepts, including a study of state practice acts, dental hygiene employment opportunities, recall systems, and current trends in the dental hygiene profession.

H347 Community Dental Health (4 cr.) Principles and practice of program planning, implementation and evaluation for community and school dental health programs.

E351 Advanced Dental Materials for Dental Auxiliaries (2 cr.) Lecture and laboratory course designed to teach additional concepts of dental materials and their use in intraoral techniques. Included is instruction in DAU principles and the manipulation of dental materials used in delegated intraoral functions.

Dental Assisting

Director and Assistant Professor Spencer

Associate Dean and Research Professor Phillips

Professors DeCastro, Dirlam, Koerber, J. McDonald, Miller, Moore, Swartz

Associate Professor Willis

Assistant Professors Chisler, Gruner, Williamson

Instructor Moeller

The dental assisting program covers one academic year (two semesters) and includes approximately 1,000 hours of lecture, laboratory, and clinical instruction. Candidates for admission to the program must be high school graduates with a 2.5 grade-point average (on a 4.0 scale), or GED equivalent, submit scores for SAT or ACT, submit a transcript of high school credits and any credits received above this level. High school courses in biology and chemistry are strongly recommended. Students who successfully complete the program are eligible to take the Dental Assisting National Board Examination.

Applications may be obtained from any program office, and the completed form must be returned by June 15, for each program for which the applicant wishes to be considered.

Additional information or applications may be obtained by writing to the appropriate address listed on the inside back cover of this *Bulletin*.

Dental Assisting Core Curriculum—One Year

Course Number	Course Title	Cr. Hrs. Required	
A111	Oral Pathology, Physiology, and Anatomy I		(any combination of A111 & A113)
A113	Oral Pathology, Physiology, and Anatomy II	3	
A112	Dental and Medical Emergencies and Therapeutics	2	
A121	Microbiology and Asepsis Technique	1	
H242	Introduction to Dentistry	1	
A131	Dental Materials I	2	
A132	Dental Materials II	2	
A141	Preventive Dentistry and Nutrition	2	
A151	Radiology Clinic I	1	
A152	Radiology Clinic II	1	
A161	Behavioral Science	1	
A162	Oral and Written Communication	2	
A171	Clinical Science I	4	
A172	Clinical Science II	3	
A182	Practice Management, Ethics, and Jurisprudence	2	
H214	Oral Anatomy	3	
H224	Oral Histology and Embryology	1	
Totals:		31	
Summer (elective)			
A190	Expanded Restorative Functions	4	

Courses for the Professional Curriculum for Dental Assistants

A111-A113 Oral Pathology, Physiology, Anatomy (1-2 cr.) An overview of the structures, functions, and diseases of the human body, including basic cells, tissues, organs, and organ systems, with specific emphasis on diseases of the face and mouth; also includes histologic aspects of tooth and periodontium and embryonic development of the face and neck formerly covered in H224, Oral Histology and Embryology.

A112 Dental and Medical Emergencies and Therapeutics (2 cr.) A course including recognition and clinical experience of systemic emergencies. Comprehensive study of the physiological, toxicological, and therapeutic effects of drugs on living organisms, with emphasis on their rational application in the treatment of disease. Content includes discussions of drugs that are widely prescribed by physicians and dentists.

A121 Microbiology and Asepsis Technique (1 cr.) An overview of microbiological aspects of health and disease with emphasis on sterile procedures and disinfection techniques.

A131-A132 Dental Materials I-II (2-2 cr.) A course designed to acquaint the student with the basic mechanical, physical, and chemical properties of dental materials and the effect of manipulation procedures on these

properties. The exact role of properties in the usage and clinical behavior of materials is stressed. Also, certain biological considerations are covered.

A141 Preventive Dentistry and Nutrition (2 cr.) Etiology of prevalent oral diseases and their prevention with particular emphasis on plaque, plaque control, and fluorides. The effects of major nutrients on the physiologic body processes; applied nutrition in dental caries and periodontal disease. Clinical and laboratory experiences.

A151-A152 Radiology Clinic I, II (1-5 cr.) Clinical experience in the placing, exposing, processing, evaluating, and mounting of intraoral and extraoral dental radiographs. Practical application of radiation safety measures is required in the clinical setting.

A161 Behavioral Science (1 cr.) An introduction to psychology applicable in the dental office, emphasizing communication and personal relationships; the role of the dental assistant as seen by the dentist, auxiliaries, and patient. Attitude, personality, motivation, and habit formation are discussed from a dental perspective.

A162 Oral and Written Communication (2 cr.) Instruction and practice in gathering and organizing material for written and oral presentation. Individual and group projects in communication, including table clinics, posters, and professional articles for publication.

A171 Clinical Science I (4 cr.) A core course in dental nomenclature; historical developments in dentistry; role of assistant as member of dental health team; dental specialties; charting the mouth; identification and utilization of instruments and equipment; principles of dental procedures and instrument transfer.

A172 Clinical Science II (3 cr.) Clinical chairside experience in extramural assignments with a seminar to provide opportunities for students to share experiences.

A182 Practice Management, Ethics, and Jurisprudence (2 cr.) Dental practice management in reception procedures, appointment control, and clinical and financial records; purchasing and inventory control. Study of the legal and ethical aspects of dentistry.

A190 Expanded Restorative Functions (4 cr.) Laboratory and clinical course in the techniques for rubber dam application; study model impressions; matrix placement;

placement and removal of treatment restorations; placement, carving, and finishing of amalgam restorations; placement and finishing of resin, composite, and silicate restorations.

H214 Oral Anatomy (3 cr.) A study of the morphology, structure, and function of deciduous and permanent teeth and surrounding tissues, also including osteology of the maxilla and mandible, nerve and vascular supply of teeth, muscles of mastication, with reinforcing laboratory procedures and clinical application.

H224 Oral Histology and Embryology (1 cr.) Histological aspects of the tooth and periodontium: embryologic development of the face and neck.

H242 Introduction to Dentistry (1 cr.) An overview of the specialties of dentistry with specific lectures on management of the child patient, cavity classification and nomenclature, the space maintenance concept, patient motivation, and auxiliary involvement with the geriatric patient.

Graduate Work in Dentistry

Dean and Professor Gilmore

Chairperson, Associate Dean, and Professor Standish

Associate Dean and Research Professor Phillips

Associate Dean and Professor Bogan

Professors Avery, Barton (*secretary*), Bixler, Boone, Carr, Chalian, Christen, Cochran, Detamore, Dykema, Garner, Gillette, Goldblatt, Henderson, Hennon, Hutton, Kafrawy, Kastle, Katz, Koerber, Lund, McDonald, Miller, Moore, Newton, O'Leary, Patterson, Potter, Roche, Schnell, Shanks, Stookey, Swartz, Tomich, Wagner

Associate Professors Arens, Baldwin, Bricker, Brown, Dickey, Goodacre, Hovijitra, Jones, Kaneshiro, Klein, Mercer, Olson, Palenik, Park, Schaaf, Sondhi, Weddell

Assistant Professors Arbuckle, Kirchoff, Munoz, Spolnik, Steffel, Ward, Zunt

Advisory Faculty Professors Schimmele, Swenson

Assistant Professors Simpson, Watson

The Master of Science in Dentistry (M.S.D.) program is intended primarily for students who have received the doctorate in dentistry and who wish to go on to obtain an adequate background in one of the various specialized fields of dentistry or of the allied basic sciences in order to broaden their dental background or to complete the academic requirements for specialty boards. Under special circumstances, the M.S.D. may be conferred upon outstanding individuals not holding the D.D.S. or equivalent degree who have demonstrated ability in dental research and education and who give good evidence of continuing in these fields.

Students may also register in the Graduate School of Indiana University and work toward the M.S. or Ph.D. An M.S. program is available in the fields of dental materials, oral diagnosis-oral medicine, oral pathology, orthodontics, and preventive dentistry. M.S. and Ph.D. degree programs are also available in the fields of physiology, microbiology, pharmacology, and dental science at the Medical Center on the IUPUI campus.

The M.S.D. degree may be granted in the following major areas of concentration: dental materials, endodontics, maxillofacial prosthetics, operative dentistry, oral diagnosis-oral medicine, oral pathology, oral and maxillofacial surgery, orthodontics, pediatric dentistry, periodontics, preventive dentistry, prosthodontics, and radiology.

In general, students who wish to practice or teach a clinical subject are encouraged to work toward the M.S.D., while those more interested in the basic science courses would be advised to complete the requirements for the M.S. degree.

The Ph.D. program in dental science is designed specifically for individuals who desire to teach and pursue a career in dental research and education. An outside minor of advanced courses in dental science is offered, especially designed to give students an understanding of the basic problems to be met in the clinical dental sciences and a familiarity with the application of the basic sciences to dentistry.

Admission Only students who have a minimum accumulative grade average of B will be considered for admission, unless, under exceptional circumstances, the prospective student can provide evidence that he or she is capable of successfully completing the graduate dental program. Application forms (see inside back cover) must be accompanied by transcripts of undergraduate and professional work together with such additional materials as may serve to determine eligibility and ability to conduct satisfactorily an advanced course of study.

Candidates for admission to graduate programs should be sure that their completed applications, with all supporting documents, are received at the graduate dental office by November 1 of the year preceding the summer in which they wish to enroll.

Faculty Committee Candidates for degrees are assigned to a graduate faculty committee. This committee is composed of the chairperson of the candidate's major subject, who serves as the chair of the committee, and four additional graduate faculty members. It is the purpose of this committee to advise the student concerning his or her academic progress and research.

Degree Requirements Requirements for the M.S. and Ph.D. degrees are outlined in the *Graduate School Bulletin*. Requirements for the M.S.D. are as follows:

Course Work The student must complete a minimum of 30 hours of course work, of which at least 18 hours must be devoted to didactic work. A total of 6 hours must be in research; however, additional research credit cannot be used toward fulfillment of requirements for the degree. Each student must satisfactorily complete an original research project.

Required courses must be taken in the proper sequence, as specified by the student's committee. In most departments there are additional program requirements designed to meet such criteria as may be specified by the several dental specialty boards and the Council on Dental Education for Accredited Advanced Dental Education Programs for the Preparation of Specialists.

Final credit requirement is determined by each student's graduate committee and is usually dependent upon the student's previous academic accomplishments.

Examinations The members of the student's committee will conduct preliminary oral and written examinations, essentially covering the candidate's fields of study. The student must complete these written examinations six months prior to the intended date of graduation. The student is eligible to take these examinations upon the completion of one-half of the didactic course requirements.

Thesis The student must submit typed drafts of the thesis to the members of the faculty committee two weeks prior to the thesis examination. Upon acceptance by the faculty committee, and at least two weeks prior to Commencement, the student must deliver to the graduate office four unbound final copies of the thesis, an acceptance sheet signed by the committee, a 500-word abstract, and a vita sheet.

Fees Fees for resident students in the graduate dental program are \$73.75 per credit hour, and \$201.75 per credit hour for nonresidents. An advanced payment of \$500 (U.S. dollars) is required after a student has been accepted; this fee is nonrefundable except in instances where students are called to active military duty. Fees are subject to change.

Instrument Charges Currently, graduate students in the clinical courses are required to purchase instruments and/or pay a rental fee. Listed below are the approximate charges for dental instruments and expendable materials under the present system:

Endodontics

Rental fee, \$260 per calendar year

Operative Dentistry

Instruments, \$1,422.06

Rental fee, \$260 per calendar year

Orthodontics

Instruments, \$1,631.14

Periodontics

Instruments, \$262.64

Rental Fee, \$260 per calendar year

Prosthodontics

Instruments, \$5,571.96

Rental Fee, \$260 per calendar year

Major Fields of Graduate Study

In addition to the general requirements for the degree program as described in the preceding pages, the various departments may specify additional didactic or clinical requirements in order to qualify for a major or minor in that field. For program details, the student should consult with the departmental adviser.

Dental Materials

Course Requirements: Major, 13 hours; Minor, 6-8 hours¹

Recommended Courses: G910, G911, G912, G913, G921, R909, R910, R911

Elective Courses: G936, G941, G951

¹ Credit in the major area will range from 10 to 15 hours, with 6 to 10 hours required in the minor area course concentration. Additional hours of elective course work must be carried to complete a minimum of 30 credit hours.

Endodontics

Course Requirements: Major, 14 hours; Minor, 6-8 hours¹

Recommended Courses: C605, G902, G905, G907, G908, G910, G926, G946, G948, G956, G957, G959, G965, R909, R910, R911, G980

Elective Courses: G901, G904, G905, G906, G953, G969, G974, G994

Maxillofacial Prosthetics

Course Requirements: Major, 15 hours; Minor, 6-8 hours¹

Recommended Courses: G917, R918, R921, R922, R923

Elective Courses: G902, G904, G906, G908, G910, G911, G912, G913, G914, G942, G947, G962, G964, G975, G978, G979, R901, R903, R908, R914

Operative Dentistry

Course Requirements: Major, 12 hours; Minor, 6 hours¹

Recommended Courses: G901, G902, G910, G913, G925, G950, G951, G952, G953, R909, R910, R911

Elective Courses: R901, G907, G908, G911, G941, G944, G956, G962, G965, G967, G974, R912, R913, G982, G983, G985, G994

Oral Diagnosis—Oral Medicine

Course Requirements: Major, 14 hours; Minor, 6-8 hours¹

Recommended Courses: C605, C901, G902, G906, G907, G908, G910, G918, G965, G968, G969, G986

Elective Courses: G904, G905, G959, G994, R914, R916

Oral Pathology

Course Requirements: Major, 12 hours; Minor, 6 hours¹

Recommended Courses: C605, G902, G903, G904, G905, G906, G907, G910, G920

Elective Courses: R914, G908, G955, G959, G965, G968, G969, G994

Oral and Maxillofacial Surgery

Course Requirements: Major, 12 hours; Minor, 6-8 hours¹

Recommended Courses: G902, G904, G905, G906, G907, G991, R903, R904, R905, R906, R907

Elective Courses: C605, G908, G935, G947, G965, G969, G994, R901

Orthodontics

Course Requirements: Major, 14 hours; Minor, 6 hours¹

Recommended Courses: R914, G927, G947, G958, G960, G963, G964, R900

Elective Courses: G901, G902, G905, G965, R902, R908

Pediatric Dentistry

Course Requirements: Major, 15 hours; Minor, 6-8 hours¹

Recommended Courses: G902, G922, G931, G934, G935, G936, G945, G947, G962

Elective Courses: G901, G907, G912, G917, G946, G965, G968, R909, R910, R911, R912, R913, G994, G999

Periodontics

Course Requirements: Major, 15 hours; Minor 6-8 hours¹

Recommended Courses: G901, G902, G905, G907, G910, G928, G965, G966, G967

Elective Courses: G948, G959, G968, R909, R910, R911, G991

Preventive Dentistry

Course Requirements: Major, 18 hours; Minor, 6 hours¹

Recommended Courses: G910, G930, G967, G974, R909, R910, R911, R912, R913, G982, G983, G985, G995, G996

Elective Courses: G902, G934, G948, G971, G972, G973

¹ Credit in the major area will range from 10 to 15 hours, with 6 to 10 hours required in the minor area course concentration. Additional hours of elective course work must be carried to complete a minimum of 30 credit hours.

Prosthodontics

Course Requirements: Major, 20-22 hours; Minor, 6-8 hours

Recommended Courses: G910, G912, G913, G914, G915, G916, G917, G923, G937, G938, G940, G941, R917, R921

Elective Courses: G901, G902, G908, G911, G942, G944, G947, G948, G950, G951, G952, G953, G956, G957, G961, G967, G969, G974, G983, R901, R909, R910, R911, R914, R916, R923

Radiology

Course Requirements: Major, 14 hours; Minor, 6 hours¹

Recommended Courses: G908, G910, G924, G946, G948, G961, G975, G978, G979

Elective Courses: G904, G974, R909, R910, R911, R912, R913

Postgraduate Study in Dentistry

A student who wishes to take graduate courses in dentistry but does not plan to work toward an advanced degree, or who is not eligible to enter a graduate dental program, may take certain courses as a postgraduate student. In such instances the student pays regular graduate fees for these courses. All grades earned will be recorded in the Graduate Dental Office and will appear on official University transcripts. A certificate of attendance may be issued upon completion of requirements prescribed by the department.

Hospital residency programs are offered in Maxillofacial Prosthetics (two or three years), Oral and Maxillofacial Surgery (three years), and Pediatric Dentistry (two years). Information about these programs may be obtained from the Graduate Dental Office at the address given on the inside back cover.

The Indiana University School of Dentistry and Wishard Memorial Hospital jointly offer a General Practice Residency Program. This twelve-month certificate program is designed to prepare the resident to manage the total oral health care of outpatients and inpatients. The program is hospital based and emphasizes clinical experience in comprehensive dental care.

Graduate Courses, 1987-89²

C607 General Pathology (1-5 cr.) Broad fields of disease; inflammation and infection; study of material in classroom and at autopsy; disease related to anatomic systems correlated with clinical subjects.

G901 Advanced Oral Histology and Embryology (2 cr.) Normal structures of oral cavity, their growth and development; microscopic study of tissues.

G902 Advanced Oral Pathology (1-6 cr.) All phases of disease of oral cavity and adjacent structures; oral manifestations of systemic disease; disturbances of growth and development, infections, and neoplasms; microscopic study of tissue sections.

G903 Histologic Technique (1 cr.) Theoretical and practical preparation of tissue for microscopic study and application of special

techniques in routine laboratory procedures and research.

G904 Special Pathology of Neoplasms (3 cr.) Neoplastic disease in oral pathology; microscopic diagnosis; clinical features and treatment of tumors.

G905 Special Pathology of Bone (1-3 cr.) Histology, physiology, pathology of bone with reference to maxilla and mandible; development, growth, maintenance, and functional adaptation of bone; bone in pathologic states such as developmental disturbances, inflammatory disturbances, disturbances of metabolism, and tumors.

G906 Tumor Clinic (1/2 cr.; 1 cr. maximum) Clinical manifestation of neoplastic diseases; various types of therapy; tumors of head and neck.

G907 Oral Surgery Pathology Conference (1/2 cr.; 1 cr. maximum) Presentation of cases of diagnostic problems; student prepares several cases for presentation.

G908 Advanced Radiographic Interpretation (2 cr.) Theory and practice of radiographic interpretation; correlations between gross anatomy, histology, pathology, and the radiograph.

¹ Credit in the major area will range from 10 to 15 hours, with 6 to 10 hours required in the minor area course concentration. Additional hours of elective course work must be carried to complete a minimum of 30 credit hours.

² The availability of specific course offerings may vary from year to year.

G910 Seminar (1 cr.)**G911 Theory of Dental Metallurgy (1-5 cr.)**

Composition, chemical reactions, physical properties, clinical significance of metals, resins, and other materials used in dentistry; phases of metallography, physical chemistry, and physics pertinent to this field.

G912 Specifications and Test Methods in Dental Materials (1-5 cr.) Specialized test methods; attention to A.D.A. specifications.

G913 Clinical Application of Dental Materials (1-4 cr.) Practical application of basic knowledge; unique problems of dental materials and avenues for future research.

G914 Advanced Complete Denture Theory (1-3 cr.) Advanced theories of complete denture prosthodontics, including comparison of denture materials and prosthetic teeth.

G915 Advanced Complete Denture Clinic (1-6 cr.) Clinical practice following advanced theories and practices suggested in G914.

G916 Special Problems in Complete Denture Design (1-4 cr.) Treatment of patients with difficult and unusual prosthetic denture problems.

G917 Maxillofacial Prosthetics (1-6 cr.) Lectures on the prosthetic rehabilitation of individuals with congenital, acquired, or developmental intraoral and extraoral defects; hospital routine and multidisciplinary approach to treatment.

G918 Research: Oral Diagnosis-Oral Medicine (cr. arr.)

G919 Research: Complete Denture (cr. arr.)

G920 Research: Oral Pathology (cr. arr.)

G921 Research: Dental Materials (cr. arr.)

G922 Research: Pediatric Dentistry (cr. arr.)

G923 Research: Fixed Partial Prosthodontics (cr. arr.)

G924 Research: Radiology (cr. arr.)

G925 Research: Operative Dentistry (cr. arr.)

G926 Research: Endodontics (cr. arr.)

G927 Research: Orthodontics (cr. arr.)

G928 Research: Periodontics (cr. arr.)

G930 Research: Preventive Dentistry (cr. arr.)

G931 Advanced Pediatric Dentistry (1-3 cr.) Two-semester course; diagnostic, restorative, preventive phases of pedodontics; evaluation of the literature.

G933 Research: Public Health (cr. arr.)

G934 Advanced Clinical Pediatric Dentistry (1-6 cr.) Advanced restorative and preventive procedures in pedodontics; instruction and clinical experience in restorative dentistry, dental caries control, hereditary and

congenital dental anomalies, oral habits, interceptive orthodontic procedures.

G935 Dental Pediatrics (1-2 cr.) Dental problems of the chronically ill and handicapped child; lectures, discussions, and ward rounds cover normal and abnormal physical and emotional growth of the child.

G936 Advanced Pediatric Dentistry Techniques (1-3 cr.) Restorative and interceptive orthodontic procedures.

G937 Advanced Clinical Instruction in Removable Partial Prosthodontics (1/2-6 cr.) Clinical experience in extracoronally and intracoronally retained removable partial dentures.

G938 Advanced Removable Partial Prosthodontics Technique (1-6 cr.) Tooth preparation for and fabrication of abutment restorations for extracoronally and intracoronally retained removable partial dentures, and fabrication of the prostheses.

G940 Advanced Clinical Instruction in Fixed Partial Prosthodontics (1-6 cr.) Patient treatment involving the use of extracoronally restorations and fixed prostheses, including partial veneer cast crowns, full veneer cast crowns, pinledge retainers, metal-ceramic crowns, all-ceramic crowns, metal-ceramic pontics, and sanitary pontics.

G941 Advanced Fixed Partial Prosthodontics Technique (1-4 cr.) Tooth preparation for and fabrication of extracoronally restorations and fixed prostheses, including partial-veneer gold crowns, full-veneer cast crowns, pinledge retainers, metal-ceramic crowns, all-ceramic crowns, metal-ceramic pontics, and sanitary pontics.

G942 Gnathology Seminar (1-2 cr.) Review of the literature, philosophies, and techniques of major contributors to the development of modern gnathological concepts.

G944 The Principles of Gnathology (1-2 cr.) Lectures, laboratory, and clinical exercises demonstrating the application of gnathological principles to restorative dentistry.

G945 Pediatric Dentistry Seminar (1 cr.) P: G934, G931, G935. For second-year graduate students and residents; current literature, research design, advanced case analysis, and diagnosis.

G946 Advanced Clinical Radiography (1-4 cr.) G948 prerequisite or taken concurrently. Clinical study of intraoral and extraoral radiographic techniques; various errors associated with oral radiographic techniques; problems and mechanisms associated with operation of a teaching-service clinic in oral radiography.

G947 Cephalometrics (1-4 cr.) P: G991. Technique of procuring films of living

individuals; tracing of important facial landmarks and planes; taking of significant angular and linear readings, and transposing same to a graph.

G948 Advanced Radiology (2 cr.)

Applications in X-ray production, intraoral and extraoral techniques, film processing, radiographic interpretation, radiation hygiene.

G950 Advanced Clinical Operative Dentistry (1-6 cr.) Comprehensive restorative care correlated with modern preventive dentistry principles; current concepts of operative dentistry.

G951 Fundamental Concepts of Operative Dentistry (2 cr.) Historical background of cavity preparation; engineering principles and mechanics of tooth reduction illustrate systematized cavity preparation.

G952 Analysis of Operative Procedures (2 cr.) Restorative techniques and physical properties of dental materials correlated to properties of tooth structure; pulp protection and permanency of restorations.

G953 Recent Advances in Operative Dentistry (2 cr.) Current concepts dictated by research; correlation of reports on the literature.

G956 Advanced Endodontics (1-6 cr.) Instruction and training in the treatment of complex endodontic cases.

G957 Analysis of Endodontic Theory (1-4 cr.) Review, study, and application of currently advocated endodontic procedures.

G958 Bio-Mechanics (1-4 cr.) Principles of force application used in altering dento-facial relationship; appliance design, fabrication, and activation; specific treatment procedures discussed and applied on the typodont.

G959 Oral Microbiology (1-3 cr.) Oral bacteria flora and their relationship to various branches of dentistry.

G960 Advanced Orthodontic Clinic (1-6 cr.) Details of treatment plan based on careful analysis; timing phenomena; re-analysis of treatment; cleft palate, surgical correction, temporomandibular syndrome.

G961 Advanced Radiographic Concepts (1 cr.) Principles of radiography in temporomandibular joint studies, sialography, panoramic radiography, laminography, cineradiography, cephalometry.

G962 Craniofacial Growth and Development (1 cr.) Growth and development of the craniofacial complex are presented in descriptive and theoretical terms as they relate to occlusion and orthodontics.

G963 Advanced Orthodontic Techniques (2 cr.) Details of wrought and cast appliances used in treatment of malocclusions.

G964 Dento-Facial Analysis (2 cr.) P: G947. Methods of determining and evaluating deviation from normal dental, skeletal, muscular, integumental patterns; treatment objectives with respect to stability, esthetics, function.

G965 Histophysiology and Pathology of the Periodontium (3 cr.) Gross clinical observations correlated with microscopic findings of normal periodontium and periodontium under stress of orthodontic care, periodontal disease, periapical pathosis, systemic diseases; physiological role of tissues at cellular level.

G966 Advanced Clinical Periodontics (1-4 cr.) Advanced cases of special interest involving diseases of soft tissue and bony support treated and evaluated.

G967 Advanced Periodontics (1-4 cr.) Periodontal diseases relating to etiology, symptomatology, treatment, differential diagnosis.

G968 Advanced Clinical Oral Diagnosis-Oral Medicine (1-6 cr.) Usual and unusual oral pathologic problems of patients.

G969 Advanced Didactic Oral Diagnosis-Oral Medicine (2 cr.) Advanced diagnostic techniques and instruments applied with clinical signs and symptoms of oral and peroral diseases.

G971 Intermediary Metabolism (3 cr.) Metabolic pathways of fats, carbohydrates, proteins; cellular respiration and its effect on oral tissues.

G972 Proteins and Nucleic Acids (2 cr.) Composition of proteins and protein-like substances, structure, method of analysis, relation of protein to other biological factors.

G973 Vitamins, Mineral Metabolism, and Hormones (2 cr.) Structure and relation to disease and metabolism of these substances in relation to normal and abnormal dental diseases.

G974 Advanced Nutrition (2 cr.) Special nutritional problems relating to calcification and soft tissue health; relation of fats, carbohydrates, proteins, vitamins, minerals, and drugs on dental structures.

G975 Basic Radiological Physics (2 cr.) Basic properties of various types of ionizing radiation, their interaction with matter, fundamentals of radiation detection and measurement, basic instrument design.

G978 Fundamentals of Radiation Biology (2 cr.) P: G975. Effects of ionizing radiation on biological systems; concepts of

mechanisms of action and effects at molecular, cellular, organ, total body levels.

G979 Radiology Literature Evaluation (1 cr.) Evaluation of scientific and radiological literature; principles of research and scientific writing.

G980 Advanced Surgical Endodontics (1-6 cr.) P: G956 and G957. Principles of advanced surgical endodontics.

G982 Clinical Field Studies (1-3 cr.) Preliminary preparation for clinical field study including delineation of purpose, review of history, methods, personnel needed, equipment, sample size, data to be collected, study sites, etc.; review of projects with opportunity to prepare field study outline.

G983 Dental Problems of Special Population Groups (1-3 cr.) Health and dental problems of chronically ill, aged, handicapped, institutional patients; methods of care.

G985 Fluoride Metabolism (2 cr.) History, clinical studies, pharmacology, toxicology, biochemistry of fluoride compounds; current evaluations of newer methods of using fluoride compounds.

G986 Histopathological Laboratory Techniques (1 cr.) Preparation of soft tissue for microscopic study; special techniques with decalcified specimens; special staining procedures.

G991 Advanced Anatomy and Physiology of Head and Neck (1-4 cr.) Surgery-oriented dissection of all of the structures of the head and neck.

G994 Applications of Genetic Principles to Problems in Dentistry (2 cr.) General principles of human genetics; importance of genetics to problems encountered in dentistry.

G995 Biostatistics as Applied to Public Health Problems (1-4 cr.) Collection, tabulation, elementary analyses of data, including vital statistics, treatment of rates, distribution of variates sampling variation.

G996 Epidemiology (1-3 cr.) Principles of epidemiology; dental caries, periodontal disease, malocclusion, dental health problems of special population groups.

G998 Community Health Programming and Services (1-4 cr.) Public health practices; health and human behavior; health education in public health; group purchasing plans including pre- and post-payment, open and closed panels, indemnity and co-insurance programs offered by profit and non-profit organizations.

G999 Public Health Practice (1-6 cr.) Functions, scope, and historical background

of public health; organization of official and voluntary public health agencies; maternal and child health, mental health, public health, nursing hospital services, dental health.

R900 Theoretical Mechanics (2 cr.) Statics and strength of materials are reviewed and applied to specific orthodontic problems; biophysics of tooth movement, appliances in equilibrium, energy storage in orthodontic appliances.

R901 Cleft Palate Rehabilitation (2 cr.) Complete management of cleft lip and/or cleft palate patients from birth to adulthood; multidisciplinary concept.

R902 Developmental Biology of the Human Face and Head (2 cr.) Developmental embryology of the craniofacial complex, with normal variation in man emphasized by discussion of human malformations.

R903 Roentgenographic Interpretation of the Face and Skull (3 cr.) Extraoral roentgenography of facial bones and skull, sialography, planography, diagnosis of facial trauma.

R904 Anesthesia Clinic and Seminar (cr. arr.) General anesthesia as applied in the operating room for all types of surgical problems as well as for dental procedures for ambulatory outpatients.

R905 Advanced Oral Surgery (1-3 cr.) Major and minor advanced oral surgical procedures, treatment planning and variable approaches to similar problems; development of surgical judgment.

R906 Advanced Oral Surgery Seminar (1-3 cr.) Broad background for advanced oral surgery; interpretation of physical findings, special laboratory procedures and evaluations, changing concepts in antibiotic and chemotherapeutic treatment, medicolegal aspects of surgery.

R907 Research: Oral Surgery (1-6 cr.)

R908 Speech Pathology—Speech Science (1-6 cr.) Speech pathology and audiology; etiologic and rehabilitative aspects of speech, language, and hearing disorders.

R909-R910-R911 Advanced Preventive Dentistry I (2-3 cr.), II (2-3 cr.), III (1-2 cr.) Basic concepts, principles, and techniques relative to the etiology and prevention of oral diseases. Analysis of the components of the oral environment, attacking agents, defense mechanisms, and preventive measures.

R912-R913 Clinical Preventive Dentistry I-II (2-1 cr.) Application of preventive dentistry concepts, principles, and techniques to dental patients. Patient education and motivation.

R914 Statistics (2 cr.) Problems of experimental design, including statistical methods for handling measures of central tendency, variation, reliability, significance; determination of significance.

R915 Occlusion (1-4 cr.) This two-semester course includes a comprehensive consideration of published research in occlusion, temporomandibular joint disturbances, and muscle problems. Clinical evaluation and treatment procedures are considered.

R916 Scientific Writing (2 cr.) This course is designed to inform graduate students of techniques of writing and editing which will help them in their writing projects in graduate school and in their future careers.

R917 Joint Case Management Seminar (1 cr.) This course will present the didactic and clinical aspects of diagnosis and treatment planning for patients with complex dental problems. Class sessions will include discussion of pertinent literature in periodontics and restorative dentistry as well as the diagnosis and treatment planning of actual clinical cases.

R918 Research: Maxillofacial Prosthetics (cr. arr.)

R919 Physical Diagnosis (3-4 cr.) Lectures and demonstrations of techniques in history taking and physical diagnosis. Additional clinical experience will be provided for oral surgery residents.

R921 Maxillofacial Prosthetics Clinic (1-6 cr.) Introduction to the clinical management of individuals with congenital, acquired, or developmental intraoral and extraoral defects, with hospital experiences and a multidisciplinary approach.

R922 Advanced Maxillofacial Prosthetics Clinic (1-6 cr.) Advanced clinical practice in the treatment of individuals with congenital, acquired, or developmental intraoral and extraoral defects, with hospital experiences and a multidisciplinary approach.

R923 Maxillofacial Prosthetics Seminar (1-2 cr.) Review of fundamentals, multidisciplinary topics, current literature, and case presentation.

R924 Retention and Post-Retention Analysis (2 cr.) Problems of retention in orthodontically treated patients; appliances and procedures for prevention and control of relapses; retrospective analysis of long-term post-retention records to assess the results of different approaches to treatment.

R925 Special Topics in Dentistry (0 cr.) Attendance at lectures, seminars, and special clinics designed to update students'

knowledge in clinical and basic science disciplines.

R926 Advanced Concepts in Biomedical Sciences (1 cr.) Lectures, readings, and discussions over a broad range of topics of importance to the practicing dentist, particularly the endodontist and periodontist. Course instructors will be drawn from various fields of clinical and basic sciences in dentistry and medicine.

R927 Interpersonal Processes and Persuasive Motivational Strategies in Dentistry (1 cr.) Lecture/discussion course will present, analyze, and contrast existing information relative to clinical dental practice and the behavioral sciences concerning interpersonal processes, motivation, and persuasion; the behavioral determinants of physical and dental health; strategies to help facilitate patient/dental personnel self-learning, discovery and acceptance of personal responsibility.

R928 Advanced Maxillofacial Prosthetic Technique (1 cr.) Design and fabrication of obturators for partial maxillectomy patients, both edentulous and dentulous. Introduction to the fabrication of extraoral prostheses.

R929 Advanced Complete Denture Technique (1 cr.) Dental laboratory procedures for the fabrication of complete and immediate dentures, including setting and equilibrating denture teeth.

Students who have as their objective a career in education and research are encouraged to complete a minor from the following selection of graduate courses in the School of Education. Complete description of these courses can be found in the *Bulletin for the School of Education, Graduate Program*.

C675 Supervised College Teaching (2-3 cr.)

P508¹ Practicum in Measurement (2-3 cr.)

P510 Psychology in Teaching (2-3 cr.)

R566¹ Instructional Development: Basics (2-3 cr.)

¹ Prerequisites will be waived for dental students.

Faculty of the School of Dentistry

- Adams, Lehman D., Jr., D.D.S. (*Indiana University*, 1949), Assistant Professor of Oral and Maxillofacial Surgery
- Adams, Timothy C., D.D.S. (*Indiana University*, 1983), Instructor in Dental Practice Administration
- Altenhof, C. Richard, D.D.S. (*Loyola University*, 1970), Instructor in Dental Auxiliary Education (Gary)
- Andres, Carl J., D.D.S. (*Indiana University*, 1966), Associate Professor of Prosthodontics
- Apple, Rebecca F., D.D.S. (*Indiana University*, 1980), Adjunct Lecturer in Dental Auxiliary Education (South Bend)
- Arbuckle, Gordon Russell, D.D.S. (*Indiana University*, 1967), Assistant Professor of Orthodontics
- Arens, Donald E., D.D.S. (*Indiana University*, 1959), Associate Professor of Endodontics
- Avery, David R., D.D.S. (*Indiana University*, 1966), Chairperson and Professor of Pediatric Dentistry
- Bach, John W., D.D.S. (*Indiana University*, 1949), Assistant Professor of Operative Dentistry
- Backes, Edward, D.D.S. (*Indiana University*, 1977), Instructor in Dental Auxiliary Education (Evansville)
- Backmeyer, John P., D.D.S. (*Indiana University*, 1967), Assistant Professor of Endodontics
- Badics, Jacqueline, R.D.H. (*Indiana University at South Bend*, 1978), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Bailey, David E., D.D.S. (*Indiana University*, 1979), Instructor in Operative Dentistry
- Bailey, L. Rush, D.D.S. (*Northwestern University*, 1934), Professor of Prosthodontics
- Baker, Donald Wayne, D.D.S. (*Indiana University*, 1966), Assistant Professor of Pediatric Dentistry
- Baldwin, James J., D.D.S. (*Indiana University*, 1954), Associate Professor of Orthodontics
- Barco, Martin T., D.D.S. (*Indiana University*, 1969), Assistant Professor of Prosthodontics
- Barr, Ervine B., D.D.S. (*Indiana University*, 1947), Associate Professor of Oral Diagnosis/Oral Medicine
- Barton, Paul, A.M. (*University of Washington*, 1948), Professor of Community Dentistry and Secretary of the Graduate Dental Program
- Bauer, Travis L., D.D.S. (*Indiana University*, 1964), Assistant Professor of Prosthodontics
- Baumgartner, Michael P., D.D.S. (*Indiana University*, 1971), Assistant Professor of Pediatric Dentistry
- Beagle, Jay R., D.D.S. (*Indiana University*, 1982), Assistant Professor in the General Practice Residency Program
- Bean, John R., D.D.S. (*Indiana University*, 1982), Assistant Professor of Operative Dentistry
- Beatty, Mark W., D.D.S. (*University of Iowa*, 1981), Assistant Scientist, Dental Materials
- Behner, Elton D., D.D.S. (*Indiana University*, 1984), Assistant Professor in the General Practice Residency Program.
- Beiswanger, Bradley B., D.D.S. (*Indiana University*, 1967), Associate Professor of Preventive Dentistry
- Bender, Dale A., A.S. (*Indiana University*, 1976), Instructor in Dental Auxiliary Education, Dental Laboratory Technology (Fort Wayne)
- Benham, Joseph G., D.D.S. (*Indiana University*, 1963), Assistant Professor of Pediatric Dentistry
- Bixler, David, Ph.D. (*Indiana University*, 1955), D.D.S. (1959), Chairperson and Professor of Oral Facial Genetics, and Professor of Medical Genetics
- Blair, Warren H., D.D.S. (*Indiana University*, 1984), Clinical Assistant in Periodontics
- Blevins, Charles E., Ph.D. (*University of California*, 1961), Professor of Anatomy
- Blume, Barbara M., B.S. (*Indiana University*, 1981), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Bogan, Robert L., D.D.S. (*Indiana University*, 1954), Associate Dean for Student Affairs, and Professor of Prosthodontics
- Bohde, Teresa L., A.S. (*Indiana University*, 1977), Instructor in Dental Auxiliary Education, Dental Laboratory Technology (Fort Wayne)
- Bohlen, H. Glenn, Ph.D. (*Wake Forest University*, 1973), Professor of Physiology and Biophysics
- Boltz, Scott B., D.D.S. (*Indiana University*, 1983), Assistant Professor in the General Practice Residency Program
- Boone, Malcolm E., D.D.S. (*Indiana University*, 1946), Professor of Prosthodontics and Chairperson of the Graduate Complete Denture Program
- Borden, Pamela S., R.D.H. (*Indiana University*, 1984), Instructor in Dental Auxiliary Education (South Bend)
- Borkowski, John, D.D.S. (*Indiana University*, 1955), Consultant in Prosthodontics

- Borman, William, D.D.S. (*Indiana University*, 1942), Assistant Professor of Oral Diagnosis/Oral Medicine
- Bowen, Vicki, C.D.A. (*University of North Carolina*, 1977), Lecturer in Dental Practice Administration
- Boyd, Drexell A., D.D.S. (*Indiana University*, 1934), Professor Emeritus of Operative Dentistry
- Bozic, Donald F., D.D.S. (*Indiana University*, 1967), Assistant Professor of Pediatric Dentistry
- Bozic, John A., D.D.S. (*Indiana University*, 1978), Assistant Professor of Pediatric Dentistry
- Brackett, William W., D.D.S. (*The Ohio State University*, 1977), Assistant Professor of Operative Dentistry
- Bratton, Robert L., D.D.S. (*Indiana University*, 1968), Assistant Professor of Operative Dentistry
- Bricker, Steven L., D.D.S. (*Indiana University*, 1974), Associate Professor of Radiology and Acting Chairperson of Dental Diagnostic Sciences
- Brown, Cecil E., Jr., D.D.S. (*University of Tennessee*, 1959), Associate Professor of Endodontics and Director of Graduate Endodontics
- Brown, Charles M., D.D.S. (*Baylor College of Dentistry*, 1986), Clinical Assistant in Periodontics
- Brown, James D., D.D.S. (*Indiana University*, 1973), Assistant Professor of Pediatric Dentistry
- Burns, Thomas O., D.D.S. (*Indiana University*, 1978), Assistant Professor of Orthodontics
- Buttrum, Jeffrey D., D.D.S. (*Indiana University*, 1982), Assistant Professor of Oral and Maxillofacial Surgery
- Buyer, Diane M., D.D.S. (*Indiana University*, 1982), Instructor in Operative Dentistry
- Byrnes, Thomas P., D.D.S. (*State University of New York at Stony Brook*, 1981), Assistant Professor of Periodontics
- Campbell, Helen Woerner, B.S. (*Butler University*, 1967), Librarian Emeritus (Dental Library)
- Campbell, Samuel, D.D.S. (*Howard University*, 1968), Assistant Professor of Oral and Maxillofacial Surgery
- Carlson, Timothy J., D.D.S. (*Indiana University*, 1978), Assistant Professor of Operative Dentistry
- Carr, Guthrie E., D.D.S. (*Indiana University*, 1954), Assistant Professor of Pediatric Dentistry
- Carr, Jack D., D.D.S. (*Indiana University*, 1939), Professor of Radiology
- Carr, Marjory H., M.S. (*Butler University*, 1954), Assistant Professor Emeritus of Dental Assisting
- Chalian, Varoujan A., D.D.S. (*Ecole de Chirurgie Dentaire et de Stomatologie de Paris, France*, 1955), D.D.S. (*Indiana University*, 1964), Chairperson of Maxillofacial Prosthetics and Professor of Prosthodontics
- Champion, Charles A., B.S. (*Southern Illinois University*, 1970), Assistant Professor of Dental Auxiliary Education and Supervisor, Dental Laboratory Technology (Fort Wayne)
- Chisler, Juanita H., B.S. (*Indiana University*, 1978), Assistant Professor of Dental Assisting
- Christen, Arden G., D.D.S. (*University of Minnesota*, 1956), Chairperson and Professor of Preventive Dentistry
- Clark, Hazel E., B.A. (*University of Evansville*, 1963), Research Associate in Dental Materials
- Cochran, Michael A., D.D.S. (*University of Michigan*, 1969), Director of Operative Dentistry Clinic and Professor of Operative Dentistry
- Cohen, Stuart J., Ed.D. (*University of Rochester*, 1969), Professor of Medicine (School of Medicine) and Professor of Preventive Dentistry (School of Dentistry)
- Conrad, William I., D.D.S. (*Indiana University*, 1953), Assistant Professor of Operative Dentistry
- Coons, Gale E., M.P.H. (*University of Michigan*, 1954), Chairperson and Associate Professor of Community Dentistry
- Cooper, Mary, R.D.H. (*Indiana University*, 1977), Instructor in Dental Auxiliary Education, Dental Hygiene (Fort Wayne)
- Cröse, Virginia Lee, D.D.S. (*Indiana University*, 1968), Assistant Professor of Pediatric Dentistry
- Curry, Sandra A., A.S. (*Indiana University*, 1971), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Curtis, Michael R., M.H.A. (*Indiana University*, 1972), Assistant Professor of Community Dentistry
- Davis, Warren B., D.D.S. (*Indiana University*, 1960), Professor of Pediatric Dentistry
- Dean, Jeffrey A., D.D.S. (*Indiana University*, 1983), Assistant Professor of Pediatric Dentistry
- DeCastró, Rolando Aguilar, D.M.D. (*Manila Central University School of Dentistry, Philippines*, 1953), Professor of Oral Anatomy and Director of Dental Art and Illustrations
- Delman, Lloyd, D.D.S. (*Indiana University*, 1953), Associate Professor of Orthodontics
- Denner, Anne, M.S. (*Iowa State University*, 1967), Instructor in Dental Auxiliary Education, Dental Hygiene (Evansville)
- Derry, Robert H., D.D.S. (*Medical College of Virginia*, 1940), Professor Emeritus of Prosthodontics and Director of Continuing Education

- Detamore, Robert J., D.D.S. (*Northwestern University*, 1948), *Professor of Periodontics and Coordinator of Undergraduate Clinical Programs*
- Detert, Mark R., D.D.S. (*Indiana University*, 1980), *Instructor in Dental Auxiliary Education (Gary)*
- Dickey, David M., D.D.S. (*The Ohio State University*, 1955), *Chairperson and Associate Professor of Clinical Oral Diagnosis/Oral Medicine*
- Dickson, Robert J., D.D.S. (*Indiana University*, 1980), *Assistant Professor of Pediatric Dentistry*
- Dirlam, James H., D.D.S. (*Indiana University*, 1950), *Professor of Oral and Maxillofacial Surgery and Chairperson of Undergraduate Oral and Maxillofacial Surgery*
- Ditto, Roland R., D.D.S. (*Indiana University*, 1969), *Assistant Professor of Pediatric Dentistry*
- Duch, Michael J., D.D.S. (*Indiana University*, 1972), *Instructor in Dental Auxiliary Education (Fort Wayne)*
- Dunigan, Patrick L., D.D.S. (*Indiana University*, 1983), *Instructor in Dental Auxiliary Education, (Evansville)*
- Dunipace, Ann J., Ph.D. (*Harvard University*, 1964), *Assistant Scientist in Oral Health Research*
- Dykema, Roland W., D.D.S. (*Indiana University*, 1947), *Professor of Prosthodontics*
- Eggleton, Reginald C., M.S. (*University of Illinois*, 1965), *Professor of Preventive Dentistry*
- Englander, Meryl E., Ph.D. (*University of Michigan*, 1957), *Professor of Education*
- Epperson, Charles R., D.D.S. (*Indiana University*, 1965), *Assistant Professor of Prosthodontics*
- Erotas, Edward, D.D.S. (*Indiana University*, 1982), *Instructor in Radiology*
- Esmon, Thomas, D.D.S. (*Indiana University*, 1944), *Assistant Professor of Operative Dentistry*
- Farrar, Steven M., D.D.S. (*Indiana University*, 1970), *Assistant Professor of Prosthodontics*
- Fisher, Ben J., D.D.S. (*Indiana University*, 1937), *Assistant Professor of Prosthodontics*
- Fitzpatrick, Eileen, A.S. (*Indiana University*, 1979), *Instructor in Dental Auxiliary Education, Dental Hygiene (Gary)*
- Foley, Elaine S., B.S. (*Indiana University*, 1980), *Assistant Professor of Dental Auxiliary Education, Dental Hygiene (Fort Wayne)*
- Forgey, Joe E., D.D.S. (*Indiana University*, 1975), *Assistant Professor of Pediatric Dentistry*
- Forsberg, Jane A., B.S. (*Ferris State College*, 1981), *Assistant Professor of Dental Auxiliary Education, Dental Hygiene (Gary)*
- Fredlake, Lia H., A.S. (*Indiana University*, 1981), *Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)*
- Freeman, Christina, C.D.A. (*Indiana University at Fort Wayne*, 1974), *Lecturer in Dental Practice Administration*
- Freid, Michael, D.D.S. (*Indiana University*, 1971), *Adjunct Lecturer in Dental Auxiliary Education (South Bend)*
- Fritch, E. Kent, D.D.S. (*Indiana University*, 1972), *Assistant Professor of Prosthodontics*
- Fritsch, Barry R., D.D.S. (*Indiana University*, 1977), *Instructor in Operative Dentistry*
- Garner, LaForrest D., D.D.S. (*Indiana University*, 1957), *Chairperson and Professor of Orthodontics*
- Gederian, Barbara, A.S. (*Indiana University*, 1982), *Instructor in Dental Auxiliary Education, Dental Laboratory Technology (Fort Wayne)*
- Ghalichebaf, Mohssen, D.M.D. (*University of Istanbul*, 1975), *Assistant Professor of Prosthodontics*
- Gillette, William B., D.D.S. (*The Ohio State University*, 1957), *Professor of Periodontics*
- Gilmore, H. William, D.D.S. (*Indiana University*, 1958), *Dean and Professor of Operative Dentistry*
- Gitlin, William A., D.D.S. (*Indiana University*, 1978), *Adjunct Lecturer in Dental Auxiliary Education (South Bend)*
- Goldblatt, Lawrence I., D.D.S. (*Georgetown University*, 1968), *Professor of Oral Pathology*
- Goodacre, Charles J., D.D.S. (*Loma Linda University*, 1971), *Chairperson and Associate Professor of Prosthodontics*
- Graham, Larry L., D.D.S. (*Indiana University*, 1965), *Associate Professor of Oral and Maxillofacial Surgery; Director of Wishard Memorial Hospital and Regenstrief Center Oral and Maxillofacial Surgery Program*
- Gruner, Jeri L., B.S. (*Indiana University*, 1982), *Assistant Professor of Dental Assisting*
- Gurevitz, Samuel, B.S. (*Butler University*, 1978), *Instructor in Dental Auxiliary Education (Gary)*
- Hagedorn, Lloyd J., D.D.S. (*Indiana University*, 1966), *Instructor in Dental Auxiliary Education (Fort Wayne)*
- Hale, Floyd E., D.D.S. (*Indiana University*, 1955), *Assistant Professor of Prosthodontics*
- Haley, Judith J., B.S. (*Indiana University*, 1976), *Instructor in Dental Auxiliary Education, Dental Hygiene (Fort Wayne)*
- Halfman, Beth A., A.S. (*Indiana University*, 1983), *Instructor in Dental Auxiliary Education, Dental Hygiene (Gary)*
- Hancock E. Brady, D.D.S. (*University of Illinois*, 1967), *Consultant in Periodontics*
- Harmsen, Nora K., D.D.S. (*Indiana University*, 1984), *Adjunct Lecturer in Dental Auxiliary Education (South Bend)*

- Harris, Ronald K., D.D.S. (*Marquette University*, 1959), Associate Professor of Operative Dentistry
- Haslem, John R., D.D.S. (*Indiana University*, 1962), Assistant Professor of Oral and Maxillofacial Surgery
- Havlick, John L., D.D.S. (*Indiana University*, 1979), Instructor in Dental Auxiliary Education (Gary)
- Hayduk, Michael J., D.D.S. (*Indiana University*, 1984), Assistant Professor of Periodontics
- Hays, Karen M., D.D.S. (*Indiana University*, 1984), Instructor in Prosthodontics
- Hazelrigg, Charles O., D.D.S. (*Indiana University*, 1970), Assistant Professor of Pediatric Dentistry
- Hazelwood, Amelia, R.D.H. (*Indiana University at South Bend*, 1978), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Heidelman, Joseph F., D.D.S. (*Indiana University*, 1980), Assistant Professor of Oral and Maxillofacial Surgery
- Heine, Jacqueline N., M.S. (*Indiana University at South Bend*, 1972), Assistant Professor of Dental Auxiliary Education, Dental Hygiene (Fort Wayne)
- Heitman, Kenneth, D.D.S. (*Indiana University*, 1960), Associate Professor of Periodontics
- Henderson, Hala Z., D.D.S. (*Indiana University*, 1970), Professor and Chairperson, Division of Undergraduate Pediatric Dentistry
- Hennette, John D., D.D.S. (*Indiana University*, 1982), Assistant Professor of Pediatric Dentistry
- Hennon, David K., D.D.S. (*Indiana University*, 1960), Professor of Pediatric Dentistry
- Henry, Deborah, B.S. (*Indiana University*, 1976), Supervisor of Dental Hygiene and Instructor in Dental Auxiliary Education (Evansville)
- Herman, Stanley C., D.D.S. (*Indiana University*, 1959), Associate Professor of Pediatric Dentistry
- Herrold, Jon A., D.D.S. (*Indiana University*, 1956), Instructor in Dental Auxiliary Education (Gary)
- Hilderbrand, Roberta M., B.S. (*Indiana University*, 1972), Associate Professor of Community Dentistry
- Hill, Beverly E., Ed.D. (*University of Southern California*, 1978), Director and Adjunct Associate Professor of Medical Educational Resources Program
- Hill, Charles F., D.D.S. (*Indiana University*, 1980), Instructor in Operative Dentistry
- Hindman, Robert E., D.D.S. (*Indiana University*, 1977), Assistant Professor of Periodontics
- Hine, Maynard K., D.D.S. (*University of Illinois*, 1930), Chancellor Emeritus IUPUI, Professor Emeritus of Periodontics, and Archivist of School of Dentistry
- Hinkel, Ronald N., D.D.S. (*Indiana University*, 1981), Instructor in Operative Dentistry
- Hinshaw, Kathleen J., B.S. (*Indiana University*, 1982), Assistant Professor of Dental Auxiliary Education and Supervisor of Dental Assisting (Gary)
- Hinz, Gary J., D.D.S. (*Indiana University*, 1976), Assistant Professor of Pediatric Dentistry
- Hohlt, Frederick A., D.D.S. (*Indiana University*, 1934), Professor Emeritus of Operative Dentistry
- Hohlt, William F., D.D.S. (*Indiana University*, 1962), Assistant Professor of Orthodontics
- Holm, Steven J., D.D.S. (*Loyola University*, 1976), Instructor in Dental Auxiliary Education (Gary)
- Hook, Sara A., M.L.S. (*University of Michigan*, 1980), Assistant Librarian
- Hovijitra, Suteera J., D.D.S. (*Mahidol University*, 1968), Associate Professor of Prosthodontics
- Howell, David J., D.D.S. (*Indiana University*, 1981), Assistant Professor of Oral and Maxillofacial Surgery
- Hubbard, J. Donald, M.D. (*Johns Hopkins University*, 1951), Professor of Pathology
- Huppert, Ted L., D.D.S. (*Indiana University*, 1975), Assistant Professor of Operative Dentistry
- Hutton, Charles E., D.D.S. (*Indiana University*, 1952), Chairperson and Professor of Oral and Maxillofacial Surgery, and Director of Oral and Maxillofacial Surgery Internship-Residency Program
- Huxoll, Gloria H., B.S. (*Indiana University*, 1974), Assistant Professor of Dental Auxiliary Education and Supervisor of Dental Hygiene (Fort Wayne)
- Ingersoll, Gary M., Ph.D. (*Pennsylvania State University*, 1970), Associate Professor of Education
- Jackson, Richard D., D.M.D. (*University of Louisville*, 1979), Research Associate in Preventive Dentistry
- Jagla, Rebecca J., R.D.H. (*Indiana University*, 1976), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Jersild, Ralph A., Jr., Ph.D. (*University of Illinois*, 1961), Professor of Anatomy

- Jesswein, Linda, R.D.H. (*Indiana University, 1978*), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Jinks, James C., D.D.S. (*Indiana University, 1962*), Assistant Professor of Pediatric Dentistry
- Johns, Merry E., D.D.S. (*Indiana University, 1975*), Assistant Professor of Operative Dentistry
- Johnson, Bruce E., D.D.S. (*University of Pittsburgh, 1961*), Associate Professor of Pediatric Dentistry
- Johnson, Mark L., D.D.S. (*Indiana University, 1975*), Assistant Professor of Operative Dentistry
- Johnston, Ronald L., D.D.S. (*Indiana University, 1968*), Assistant Professor of Prosthodontics
- Jones, James E., D.M.D. (*University of Kentucky, 1978*), Associate Professor of Pediatric Dentistry
- Jones, Maureen A., C.D.A. (*Prairie State College, 1978*), Instructor in Dental Auxiliary Education, Dental Assisting (Gary)
- Jones, Rose M., D.D.S. (*University of Western Ontario, 1980*), Assistant Professor of Prosthodontics
- Jones, Susan P., A.S. (*Indiana University at South Bend, 1980*), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (South Bend)
- Kafrawy, Abdel H., B.D.S. (*Cairo University, 1958*), M.S.D. (*Indiana University, 1962*), Professor of Oral Diagnosis/Oral Medicine
- Kaneshiro, Kenneth K., D.D.S. (*Marquette University, 1956*), Associate Professor of Periodontics
- Kantor, Sharon A., B.S. (*Wichita State University, 1979*), Assistant Professor of Dental Auxiliary Education and Supervisor of Dental Hygiene (Gary)
- Kasle, Myron J., D.D.S. (*Indiana University, 1962*), Chairperson and Professor of Radiology
- Katz, Simon, D.D.S. (*University of Buenos Aires, Argentina, 1945*), Professor of Preventive Dentistry
- Kelley, Gordon E., D.D.S. (*Indiana University, 1964*), Professor and Director of Dental Auxiliary Education (Evansville)
- Kerkhove, Bernard C., Jr., D.D.S. (*Indiana University, 1962*), Assistant Professor of Pediatric Dentistry
- Kessler, Kim A., D.D.S. (*Indiana University, 1981*), Instructor in Dental Auxiliary Education (Gary)
- Kilgore, Laura E., D.D.S. (*Indiana University, 1972*), Assistant Professor of Operative Dentistry
- Klein, Arthur I., D.D.S. (*University of Pennsylvania, 1947*), Associate Professor of Pediatric Dentistry
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- Koerber, Leonard G., Ed.D. (*Indiana University, 1970*), Professor of Instructional Development and Director of the School of Dentistry Audiovisual Facility
- Kohlmann, Carl R., D.D.S. (*Indiana University, 1948*), Assistant Professor of Radiology
- Kopko, George, D.D.S. (*Indiana University, 1974*), Assistant Professor of Prosthodontics
- Kovara, Rosemary M., C.D.A. (*Indiana University at South Bend, 1975*), Assistant Professor and Supervisor of Dental Assisting (Fort Wayne)
- Krull, John T., D.D.S. (*Indiana University, 1976*), Assistant Professor of Pediatric Dentistry
- Lande, Gerald M., D.D.S. (*Indiana University, 1984*), Instructor in Oral Diagnosis/Oral Medicine
- Landgrave, John F., Dental Laboratory Technician (*Elkhart University, 1962*), Instructor in Dental Auxiliary Education, Dental Laboratory Technology (Fort Wayne)
- Lanning, George E., D.D.S. (*Indiana University, 1975*), Assistant Professor of Operative Dentistry
- Lew, Paul I., D.D.S. (*Indiana University, 1961*), Assistant Professor of Prosthodontics
- Lindborg, Cindy, D.D.S. (*Indiana University, 1984*), Adjunct Lecturer in Dental Auxiliary Education (South Bend)
- Long, W. Randall, D.D.S. (*Indiana University, 1969*), Assistant Professor of Pediatric Dentistry
- Lord, Maurice, D.D.S. (*Indiana University, 1964*), Assistant Professor of Operative Dentistry
- Lund, Mark S., D.D.S. (*Indiana University, 1977*), Assistant Professor of Prosthodontics
- Lund, Melvin R., D.M.D. (*University of Oregon, 1946*), Chairperson and Professor of Operative Dentistry
- McCormick, Francis E., D.D.S. (*Indiana University, 1953*), Professor of Pediatric Dentistry
- McCullough, Marsha A., M.S. (*Indiana University, 1979*), Instructor in Dental Hygiene
- McDonald, James L., Jr., Ph.D. (*Indiana University, 1968*), Professor of Preventive Dentistry
- McDonald, Ralph E., D.D.S. (*Indiana University, 1944*), Dean Emeritus and Professor Emeritus of Pediatric Dentistry

- McDonald, Scott W., D.D.S. (*Indiana University*, 1975), Assistant Professor of Operative Dentistry
- McGowan, Gregory V., D.D.S. (*Indiana University*, 1985), Assistant Professor in the General Practice Residency Program
- McGrath, Roland B., M.D. (*University of Kansas*, 1972), Associate Professor of Oral Diagnosis/Oral Medicine
- McGrew, Daniel L., D.D.S. (*Indiana University*, 1978), Instructor in Dental Practice Administration
- McKown, Carol G., D.D.S. (*Indiana University*, 1984), Assistant Professor of Pediatric Dentistry
- McQuigg, Robert Bruce, Ed.D. (*University of Colorado*, 1962), Associate Professor of Education
- Maddox, Phyllis, B.S. (*Indiana State*, 1975), Instructor in Dental Auxiliary Education, Dental Hygiene (Evansville)
- Maddox, Raymond M., D.D.S. (*Indiana University*, 1975), Instructor in Dental Practice Administration
- Maesaka, Ray K., D.D.S. (*Indiana University*, 1960), Professor of Prosthodontics
- Mahler, Thomas A., D.D.S. (*Indiana University*, 1984), Instructor in Oral Diagnosis/Oral Medicine
- Mallatt, Mark E., D.D.S. (*Indiana University*, 1975), Assistant Professor of Preventive Dentistry
- Markarian, Shant, D.D.S. (*University of Pennsylvania*, 1959), Associate Professor and Director of Dental Auxiliary Education (South Bend)
- Marks, David N., D.D.S. (*Indiana University*, 1975), Assistant Professor of Prosthodontics
- Marlin, Donnell C., D.D.S. (*Indiana University*, 1956), Assistant Professor of Oral Diagnosis/Oral Medicine
- Mason, Myra D., M.A. (*University of Chicago*, 1970), Assistant Professor of Community Dentistry
- Matheson, Linda, B.S. (*Loyola University*, 1975), Instructor in Dental Auxiliary Education, Dental Hygiene (Evansville)
- Mercer, Victor, D.D.S. (*Indiana University*, 1953), Professor of Preventive Dentistry
- Meriweather, Charles E., D.D.S. (*Indiana University*, 1978), Assistant Professor of Operative Dentistry
- Mikrut, Katherine, C.D.A. (*University of North Carolina*, 1968), Instructor in Dental Auxiliary Education, Dental Assisting (Gary)
- Miller, Chris H., Ph.D. (*University of North Dakota*, 1969), Chairperson and Professor of Oral Microbiology (School of Dentistry), and Professor of Microbiology and Immunology (School of Medicine)
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- Miller, James R., D.D.S. (*Indiana University*, 1981), Assistant Professor of Orthodontics
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- Moon, Robert A., D.D.S. (*Indiana University*, 1958), Assistant Professor and Director of Dental Auxiliary Education (Gary)
- Moore, B. Keith, Ph.D. (*University of Illinois*, 1971), Professor of Dental Materials
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- Smith, David A., D.D.S. (Indiana University, 1984), Instructor in Operative Dentistry
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- Sparks, Marie C., M.L.S. (University of Oklahoma, 1974), M.P.H. (1980), Associate Librarian and Head, School of Dentistry Library
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- Spencer, Pauline R., B.S. (University of North Carolina, 1980), Director and Assistant Professor of Dental Assisting
- Spolnik, Kenneth J., D.D.S. (Indiana University, 1975), Assistant Professor of Endodontics
- Standish, S. Miles, D.D.S. (Indiana University, 1945), Associate Dean for Graduate and Postgraduate Education; Chairperson of Oral Diagnosis/Oral Medicine and Professor of Oral Pathology
- Starkey, Paul E., D.D.S. (Indiana University, 1943), Professor Emeritus of Pediatric Dentistry
- Steffel, Charles L., D.D.S. (Indiana University, 1978), Assistant Professor of Endodontics
- Stenger, John M., D.D.S. (Indiana University, 1945), Adjunct Lecturer in Dental Auxiliary Education (South Bend)

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- Stokes, Robert E., D.D.S. (*Indiana University*, 1972), Assistant Professor of Operative Dentistry
- Stone, Robert E., Ph.D. (*University of Michigan*, 1971), Associate Professor of Speech Pathology, Otorhinolaryngology, and Head and Neck Surgery (*School of Medicine*)
- Stookey, George K., Ph.D. (*Indiana University*, 1971), Director of the Oral Health Research Institute and Professor of Preventive Dentistry
- Stropes, L. Michael, D.D.S. (*Washington University*, 1971), Assistant Professor of Prosthodontics
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- Stuart, Richard J., D.D.S. (*Indiana University*, 1983), Instructor in Prosthodontics
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- Taylor, Robert, D.D.S. (*Indiana University*, 1983), Assistant Professor of Prosthodontics
- Tharp, Donald R., D.D.S. (*Indiana University*, 1964), Chairperson and Professor of Dental Practice Administration and Director, TEAM Program, and Project Director of the Expanded Function Program
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- Todd, Jackson D., D.D.S. (*Indiana University*, 1955), Assistant Professor of Oral and Maxillofacial Surgery
- Tomich, Charles Edward, D.D.S. (*Loyola University*, New Orleans, 1961), Chairperson and Professor of Oral Pathology
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- Van De Putte, Janice L., C.D.A. (*Indiana University*, 1983), Adjunct Lecturer in Dental Auxiliary Education, Dental Assisting (*South Bend*)
- Vandersall, David C., D.D.S. (*Case Western Reserve University*, 1961), Associate Professor of Periodontics
- Van Huysen, Grant, D.D.S. (*University of Pennsylvania*, 1925), Professor Emeritus of Oral Anatomy
- Van Roekel, Ned B., D.D.S. (*Indiana University*, 1965), Associate Professor of Periodontics
- Vash, Bruce W., D.D.S. (*Case Western Reserve*, 1977), Assistant Professor of Pediatric Dentistry
- Velasco, Alberto J., D.D.S. (*Universidad Tecnologia*, 1975), Assistant Professor of Prosthodontics
- Vibbert, Michael, D.D.S. (*Indiana University*, 1979), Instructor in Operative Dentistry
- Vollmer, Linda M., C.D.A. (*Indiana University*, 1973), Instructor in Dental Practice Administration
- Wagner, A. George, D.D.S. (*University of Michigan*, 1954), Chairperson of Complete Denture and Professor of Prosthodontics
- Walsh, Robert J., D.D.S. (*Indiana University*, 1983), Instructor in Dental Auxiliary Education (*Gary*)
- Walsh, William J., D.D.S. (*St. Louis University*, 1951), Adjunct Lecturer in Dental Auxiliary Education (*South Bend*)
- Walters, Robert C., D.D.S. (*Indiana University*, 1952), Assistant Professor of Clinical Affairs, and Director, Patient Admissions and Assignment
- Ward, Richard E., Ph.D. (*University of Colorado*, 1980), Visiting Assistant Professor of Anthropology (*School of Liberal Arts*) and Oral Facial Genetics (*School of Dentistry*)
- Watson, Nicholas H., D.D.S. (*Indiana University*, 1968), Assistant Professor of Endodontics
- Weddell, James A., D.D.S. (*Indiana University*, 1977), Associate Professor of Pediatric Dentistry
- Weeden, Carolee, M.A. (*Western Michigan University*, 1971), Adjunct Lecturer in Dental Auxiliary Education, Dental Assisting (*South Bend*)
- Wehrle, David P., D.D.S. (*University of Pittsburgh*, 1946), Assistant Professor of Prosthodontics
- Weine, Franklin, D.D.S. (*University of Illinois*, 1957), Consultant in Endodontics
- Weingarten, Carin S., R.D.H. (*Indiana University*, 1979), Adjunct Lecturer in Dental Auxiliary Education, Dental Hygiene (*South Bend*)
- Weingarten, Harvey, D.D.S. (*Indiana University*, 1979), Adjunct Lecturer in Dental Auxiliary Education (*South Bend*)
- West, Darlene D., D.D.S. (*Indiana University*, 1981), Assistant Professor in the General Practice Residency Program

Widman, Karen K., C.D.A. (Parkland College, Illinois, 1971), Lecturer in Dental Practice Administration

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Williamson, Gail, M.S. (Indiana University, 1982), Assistant Professor of Dental Auxiliary Education

Willis, George P., D.D.S. (Indiana University, 1979), Associate Professor of Dental Practice Administration and Expanded Function Coordinator

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Winans, Gloria J., M.A. (Ball State, 1982), Instructor in Dental Auxiliary Education, Dental Hygiene (Fort Wayne)

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 Thomas M. Pugh
 Gary Pulfer
 Charles C. Puntillo
 Michael D. Rader
 Parvin Raibley
 Gene M. Ranieri
 William Record
 Thomas C. Rector
 Daniel C. Reno
 Ronald J. Rexing
 Jeffrey L. Rhoades
 Michael A. Rice
 Neal Richter
 Jay Rifkind
 Joel Rifkind
 Charles W. Rigg
 Everett L. Ringenberg
 John R. Roberts
 Jon M. Roberts
 Larry Roberts
 George B. Robinson
 R. Dan Rohn
 Charles H. Rosenbaum
 M. Arlena Roshel
 Raymond E. Rothhaar
 James Ruble
 William Rudolph
 Leo W. Rumbaugh
 Patricia K. Santare
 Marvin G. Schmidt
 Randall A. Schmidt
 William Schmidt
 Joel B. Schoen
 Don G. Scroggins
 Richard E. Seib
 L.R. Sertich
 Timothy Shambaugh
 R.E. Shellenberger
 William R. Shideler
 James A. Shupe
 William C. Slemmons
 Bruce E. Smith
 Charles E. Smith
 Clarence Smith
 Glenn M. Smith
 Maurice G. Smith
 Richard F. Smith
 Wyatt Smith
 Ray T. Snapp
 Bryan E. Snook
 Charles Solomon
 Brent D. Sonnor
 Dale A. Sorenson
 Rodney W. Springer
 Mark Stranding
 John Stenger
 Mark R. Stetzel

Robert M. Stetzel
 M. Gene Stevens
 John R. Stewart
 Robert E. Stokes
 Thomas C. Stokes II
 John J. Stone
 Michel R. Sturm
 Gene Stutsman
 T.W. Surber
 Donald L. Swoverland
 Michael C. Tavenner
 William Teare, Jr.
 D. Matthew Thoman
 J. Mark Thomas
 Alden B. Thompson
 James H. Timmons
 Stephen Troyer
 Kesler E. Truelove, Jr.
 C. Joseph Tyree
 Paul F. Ueber
 Thomas W. Ullrich
 Steven Underwood
 Darlene K. Vaughan
 Michael S. Vibbert
 John J. Wadas, Jr.
 Perry A. Wainman
 Ralph E. Walls
 Dennis J. Waltke
 Frank E. Weber
 Gary E. Weber
 Richard C. Weber
 James A. Weddell
 Harvey Weingarten
 Randy R. Wells
 Daniel E. White
 Donald Whitehead
 Howard Wiesjahn
 Galen R. Williams
 James Williams
 V. Richard Williams
 Gregory A. Winteregg
 Ron L. Winters
 Robert J. Witham
 Thomas C. Wolfe
 Jack M. Wright
 Keith E. Yoder
 Thomas R. Yoder
 H. Eric Zeller
 Dennis P. Zimmerman

Cooperating Agencies, Institutions, Community Health Centers and Dental Laboratories

Allen Dental Laboratory—Fort Wayne
 Bryan Dental Laboratory—Fort Wayne
 Byron Health Center—Fort Wayne
 Certified Dental Laboratory, Inc.—Evansville
 Citizens Ambulatory Health Center—
 Indianapolis
 Dental Crafts of Fort Wayne
 Dentech Porcelain Studio—Fort Wayne
 Esthetic Dental Laboratory—Nashville,
 Tennessee
 Evansville State Hospital
 Fly-By-Night Dental Laboratory—Fort Wayne
 Fort Wayne State Developmental Center
 Goldcrafts Dental Laboratory—Fort Wayne
 Hallam Dental Laboratory — Evansville
 Herring's Dental Laboratory—Fort Wayne
 Indiana Boys' School—Plainfield
 Indiana Reformatory—Pendleton
 Indiana State Board of Health—Indianapolis
 Indiana State Farm—Greencastle
 Indiana State Prison—Michigan City
 Indiana Youth Center (Reception-Diagnostic
 Center)—Plainfield
 John's Dental Laboratory—Terre Haute
 LaRue Carter Hospital—Indianapolis
 Logansport State Hospital
 Madison State Hospital
 Matthew 25 Dental Clinic—Fort Wayne
 Mid-West Dental Laboratories—Fort Wayne
 Newburgh Dental Laboratory—Newburgh
 Nolan's Dental Laboratory—Henderson,
 Kentucky
 Parkwest Dental Studio—Fort Wayne
 People's Health Center—Indianapolis
 Precision Prosthetic Laboratory—Mt. Vernon
 Regenstrief Health Center—Indianapolis
 Richmond State Hospital
 Techniques Dental Laboratory—Fort Wayne
 Tri-State Family Dental Center—Evansville
 Trout Dental Laboratory—Brazil
 United States Coast Guard Support Center—
 Government Island, Alameda, California
 United States Coast Guard Support Center—
 San Pedro, California
 United States Coast Guard Support Center—
 Governors Island, New York, New York
 United States Coast Guard Support Center—
 Elizabeth City, North Carolina
 United States Penitentiary—Terre Haute
 Veterans Administration Hospital—Fort
 Wayne
 Veterans Administration Hospital—
 Indianapolis
 Veterans Administration Hospital—Marion

Indiana University

When you become a student at Indiana University, you join an academic community internationally known for the excellence and diversity of its programs. The University attracts students from all 50 states and around the world. The full-time faculty numbers over 3,000 and includes members of many academic societies such as the American Academy of Arts and Sciences, the American Philosophical Society, and the National Academy of Sciences.

Indiana University was founded at Bloomington in 1820 and is one of the oldest and largest of the state-supported universities. It serves nearly 80,000 students on eight campuses. The residential campus at Bloomington and the urban center at Indianapolis form the core of the University system. Regional campuses in Gary, Fort Wayne, Kokomo, New Albany, Richmond, and South Bend join Bloomington and Indianapolis in bringing an education of high quality within reach of all of Indiana's citizens.

The Indianapolis Campus

Indiana University-Purdue University at Indianapolis (IUPUI) is an innovative urban campus. IU and Purdue programs and facilities merged at Indianapolis in 1969, and the campus continues to grow in both the range of academic offerings and the physical facilities. IUPUI also offers programs at Columbus, Indiana.

The IUPUI library system consists of six libraries serving the special interests of individual schools. In addition, the entire Indiana University library system is readily available through the interlibrary loan system.

The IU School of Medicine is the second largest in the nation with six teaching hospitals and almost 100 clinics. Significant research in the medical sciences is carried out in 11 federally funded, research institutes. Research projects are also conducted in many other fields, some in cooperation with government, business, and industry.

Schools at IUPUI are deeply involved in service to citizens, working closely with public and private agencies in providing expertise to solve problems. Such service projects enable students to enrich their education with practical experience.

Lectures, theatre presentations, and other special events are available on campus, and the city provides many locations and programs for the arts, sports, and entertainment. IUPUI has three major athletic facilities, all of which have been the sites of major national and international competitions, including the U.S. Open Clay Court Championships. Men's and women's varsity teams participate in six sports, and an intramural sports program offers recreation for all students.

IUPUI provides on-campus housing for a limited number of students. The Housing Office maintains a list of apartments available off campus in the Indianapolis area.

Services for students are described in the student handbook, available from the Dean for Student Services. They include special services for disabled persons, veterans, women, and foreign students; a day care center; personal counseling; career counseling and job placement; financial aid; and the Student/Employee Health Center.

Policies of the University

Nondiscrimination Policy Indiana University provides its services without regard to sex, age, race, religion, ethnic origin, veteran status, or disability. An Affirmative Action Office on each campus monitors the University's policies and assists individuals who have questions or problems related to discrimination.

Confidentiality of Student Records In accordance with federal statutes and regulations, student records are confidential and available for disclosure to persons other than the student only under stated conditions.

Student Rights and Responsibilities A statement of students' rights and responsibilities is included in the student handbook, *Ins & Outs*, which contains a description of due process hearings in the event of disciplinary action.

Degree Requirements Students are responsible for understanding all requirements for graduation and for completing them by the time they expect to graduate. Information about a specific school or division can be found in the front section of the bulletin for that school.

Requests for deviation from department, program, or school requirements may be granted only by written approval from the respective chairperson, director, or dean (or their respective administrative representative). Disposition at each level is final.

Residency Status

Prospective students from out of state should be aware that the criteria for establishing in-state residency and thus qualifying for in-state fee rates are very strict. Except under specific circumstances, persons who have moved to Indiana for the primary purpose of attending a college, university, or other institution of higher education will not be able to qualify for in-state fees during their academic career. Rules for determining residency are listed below.

Rules Determining Residency Status

These Rules establish the policy under which students shall be classified as residents or nonresidents upon all campuses of Indiana University for University fee purposes. Nonresident students shall pay a nonresident fee in addition to fees paid by a resident student.

These Rules shall take effect February 1, 1974; provided, that no person properly classified as a resident student before February 1, 1974, shall be adversely affected by these Rules, if he or she attended the University before that date and while he or she remains continuously enrolled in the University.

1. "Residence" as the term, or any of its variations (e.g., "resided"), as used in the context of these Rules, means the place where an individual has his or her permanent home, at which he or she remains when not called elsewhere for labor, studies, or other special or temporary purposes, and to which he or she returns in seasons of repose. It is the place a person has voluntarily fixed as a permanent habitation for himself or herself with an intent to remain in such place for an indefinite period. A person at any one time has but one residence, and a residence cannot be lost until another is gained.
 - (a) A person entering the state from another state or country does not at that time acquire residence for the purpose of these Rules, but except as provided in Rule 2(c), such person must be a resident for twelve (12) months in order to qualify as a resident student for fee purposes.
 - (b) Physical presence in Indiana for the predominant purpose of attending a college, university, or other institution of higher education, shall not be counted in determining the twelve (12) month period of residence; nor shall absence from Indiana for such purpose deprive a person of resident student status.
2. A person shall be classified as a "resident student" if he or she has continuously resided in Indiana for at least twelve (12) consecutive months immediately preceding the first scheduled day of classes of the semester or other session in which the individual registers in the University, subject to the exception in (c) below.
 - (a) The residence of an unemancipated person under 21 years of age follows that of the parents or of a legal guardian who has actual custody of such person or administered the property of such person. In the case of divorce or separation, if either parent meets the residence requirements, such person will be considered a resident.
 - (b) If such person comes from another state or country for the predominant purpose of attending the University, he or she shall not be admitted to resident student status upon the basis of the residence of a guardian in fact, except upon appeal to the Standing Committee on Residence in each case.
 - (c) Such person may be classified as a resident student without meeting the twelve (12) month residence requirement within Indiana if his or her presence in Indiana results from the establishment by his or her parents of their residence within the state and if he or she proves that the move was predominantly for reasons other than to enable such person to become entitled to the status of "resident student."
 - (d) When it shall appear that the parents of a person properly classified as a "resident student" under subparagraph (c) above have removed their residence from Indiana, such person shall then be reclassified to the status of nonresident; provided, that no such reclassification shall be effective until the beginning of a semester next following such removal.
 - (e) A person once properly classified as a resident student shall be deemed to remain a resident student so long as remaining continuously enrolled in the University until such person's degree shall have been earned, subject to the provisions of subparagraph (d) above.

3. The foreign citizenship of a person shall not be a factor in determining resident student status if such person has legal capacity to remain permanently in the United States.
 4. A person classified as a nonresident student may show that he or she is exempt from paying the nonresident fee by clear and convincing evidence that he or she has been a resident (see Rule 1 above) of Indiana for the twelve (12) months prior to the first scheduled day of classes of the semester in which his or her fee status is to be changed. Such a student will be allowed to present his or her evidence only after the expiration of twelve (12) months from the Residence Qualifying Date, i.e., the date upon which the student commenced the twelve (12) month period for residence. The following factors will be considered relevant in evaluating a requested change in a student's nonresident status and in evaluating whether his or her physical presence in Indiana is for the predominant purpose of attending a college, university, or other institution of higher education. The existence of one or more of these factors will not require a finding of resident student status, nor shall the nonexistence of one of more require a finding of nonresident student status. All factors will be considered in combination, and ordinarily resident student status will not result from the doing of acts which are required or routinely done by sojourners in the state or which are merely auxiliary to the fulfillment of educational purposes.
 - (a) The residence of a student's parents or guardians.
 - (b) The situs of the source of the student's income.
 - (c) To whom a student pays his or her taxes, including property taxes.
 - (d) The state in which a student's automobile is registered.
 - (e) The state issuing the student's driver's license.
 - (f) Where the student is registered to vote.
 - (g) The marriage of the student to a resident of Indiana.
 - (h) Ownership of property in Indiana and outside of Indiana.
 - (i) The residence claimed by the student on loan applications, federal income tax returns, and other documents.
 - (j) The place of the student's summer employment, attendance at summer school, or vacation.
 - (k) The student's future plans including committed place of future employment or future studies.
 - (l) Admission to a licensed profession in Indiana.
 - (m) Membership in civic, community, and other organizations in Indiana or elsewhere.
 - (n) All present and intended future connections or contacts outside of Indiana.
 - (o) The facts and documents pertaining to the person's past and existing status as a student.
 - (p) Parents' tax returns and other information, particularly when emancipation is claimed.
5. The fact that a person pays taxes and votes in the state does not in itself establish residence, but will be considered as hereinbefore set forth.
 6. The Registrar or the person fulfilling those duties on each campus shall classify each student as resident or nonresident and may require proof of all relevant facts. The burden of proof is upon the student making a claim to a resident student status.
 7. A Standing Committee on Residence shall be appointed by the President of the University and shall include two (2) students from among such as may be nominated by the student body presidents of one or more of the campuses of the University. If fewer than four are nominated, the President may appoint from among students not nominated.
 8. A student who is not satisfied by the determination of the Registrar has the right to lodge a written appeal with the Standing Committee on Residence within 30 days of receipt of written notice of the Registrar's determination which Committee shall review the appeal in a fair manner and shall afford to the student a personal hearing upon written request. A student may be represented by counsel at such hearing. The Committee shall report its determination to the student in writing. If no appeal is taken within the time provided herein, the decision of the Registrar shall be final and binding.
 9. The Standing Committee on Residence is authorized to classify a student as a resident student, though not meeting the specific requirements herein set forth, if such student's situation presents unusual circumstances and the individual classification is within the general scope of these Rules. The decision of the

Committee shall be final and shall be deemed equivalent to a decision of the Trustees of Indiana University.

10. A student or prospective student who shall knowingly provide false information or shall refuse to provide or shall conceal information for the purpose of improperly achieving resident student status shall be subject to the full range of penalties, including expulsion, provided for by the University, as well as to such other punishment which may be provided for by law.
11. A student who does not pay additional monies which may be due because of his or her classification as a nonresident student within 30 days after demand, shall thereupon be indefinitely suspended.
12. A student or prospective student who fails to request resident student status within a particular semester or session and to pursue a timely appeal (see Rule 8) to the Standing Committee on Residence shall be deemed to have waived any alleged overpayment of fees for that semester or session.
13. If any provision of these Rules or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of these Rules which can be given effect without the invalid provision or application, and to this end the provisions of these Rules are severable.

Transfer to Other Indiana University Campuses

The policy stated below concerning transfer credit pertains to undergraduate students only.

Each year many Indiana University students transfer from one campus of the University to another to continue their studies toward a degree. These transfers are often necessitated by financial difficulties, illness, or other personal problems, but just as often they are a matter of personal preference. Few of the other multi-campus universities are organized to facilitate this volume of student migration. Indiana University credits transferred from one campus of Indiana University to another will be evaluated and accepted in terms at least as favorable as credits transferred from other accredited institutions in the United States. No review of the credits will be undertaken except in good faith terms of the same criteria used in evaluating external credits. In fact, students transferring within the Indiana University system are treated

much more favorably because of the similarity of course work on the eight campuses.

Students who wish to transfer to another campus should follow these procedures:

1. Inform your academic adviser of your decision as soon as possible. Degree requirements may vary from one campus to another but if your adviser knows of your plan, your academic program can be designed to meet the requirements of the campus you will eventually attend.
2. Contact the department chairperson (or the designated adviser) at the campus you plan to attend. Discuss your plan and ask about any special procedures. For example, transfers in fine arts must submit portfolios of their work. Music transfer students must be auditioned.
3. As the date of transfer approaches, check with your campus registrar to get information on registration dates and procedures on the other campus. If there is a preregistration or pre-enrollment procedure at the other campus, you should plan to take advantage of it. Contact the registrar of the other campus to determine whether you can fulfill any of these responsibilities by phone. Your registrar has a direct telephone line to all other registrars.
4. When you arrive on the new campus, contact your assigned academic adviser or department chairperson as soon as possible. Discuss your academic progress to date and the additional course work required for your program.

Fees

Credit hour fees listed here were approved at the April 1986 meeting of the Indiana University Board of Trustees. All fees are subject to change by action of the trustees. See the campus *Schedule of Classes* for the most recent fees.

BLOOMINGTON CAMPUS	Indiana Resident	Nonresident
Undergraduate ¹	\$56.50/credit hour	\$159.50/credit hour
Graduate ¹	\$73.75/credit hour	\$201.75/credit hour
Professional		
Law	\$73.75/credit hour	\$201.75/credit hour
Medicine (Combined Degree Program)	\$73.75/credit hour	\$201.75/credit hour
Medicine	\$4200/year	\$9600/year
Optometry	\$73.75/credit hour	\$201.75/credit hour
Thesis enrollment	\$73.75/semester	\$201.75/semester
Auditing (no credit)	\$20/credit hour	\$20/credit hour

Special Fees (Applicable to Residents and Nonresidents)

Application for admission	
United States	\$20
Foreign	\$35
Applied music (majors) ²	\$95/semester
Applied music (nonmajors) ²	\$95/course
Business placement service	\$35
Deferred billing charge ³	\$15
Deposits (to cover loss or damage)	
Band	\$10
Chemistry (for C343, C344, S343, and S344 only)	\$25
Singing Hoosiers	\$10
Education early experience ⁴	\$22/course
Education placement service	\$35
Education practicum ⁵	\$42/course
Education student teaching ⁶	\$75/course

¹ Includes credit courses in the School of Continuing Studies.

² Persons who are not enrolled in a degree program are charged \$320 per applied music course.

³ Charge is assessed on date unpaid balance is due.

⁴ Students enrolled in any of the following courses will be assessed a \$22 fee per course.

Elementary Licenses

Kindergarten/Primary: E325, E339, E341, E343, P251

Elementary: E325, E339, E341, E343, P251

Junior High/Middle School: M312, M461, P252

Secondary: M130 or M313, M462, P253

All Grades: M130 or M313 or M336, M462, M463, P254

Special Education: E339, E343, K495

Special Endorsements and Minors

Kindergarten: E337

Junior/Middle: M461

Bilingual/bicultural: L441

Ethnic/cultural: T410

Coaching: HPER P450

Special Education: K495

Family Life: HMEC H453

Driver and Traffic Safety: HPER S456

Reading: X401

⁵ Students enrolled in Education M470 Practicum and/or M550 Practicum will be assessed a \$42 fee per course. The fee is also applicable to the following courses: G524, G624, K595, P595, P596, P695, P696, P699, R473, V580, V680, W410, and X425.

⁶ Students enrolled in student teaching courses M423, M424, M425, M451, M480, M482, M486, and/or M363, K488 will be assessed \$75 per course.

Film courses ⁷	\$19/course
Health service fee ⁸	\$21.50/semester
HPER elective courses ⁹	\$15 to \$120
Independent Study	
Undergraduate courses	\$47.75/credit hour
High school level courses	\$41/half-unit course
Journalism laboratory ¹⁰	\$47/course
Laboratory courses ¹¹	\$19/course
Late program change ¹²	\$10/course
Late registration ¹³	\$30 to \$60
Library science (L644) commercial	
data base fee	\$36
Microscope (medical science	
courses only)	\$30/semester
Music instrument rental	
Music majors	\$22/semester
Non-music majors	\$32/semester
Nursing clinics ¹⁴	\$9/contact hour
Practice room ¹⁵	\$16/semester
Recital fee (music) ¹⁶	\$20 to \$50

Special Credit and Credit by Examination: Regular credit hour fees apply, except the fee is waived for University Division freshmen during the first two regular semesters following

⁷ Film courses assessed \$19 per course include Comparative Literature C190, C291, C390, C391, C392, C393, C394, C491, C492, C493, C590, and C592; English L295 and L395; and French and Italian F391, M390, and M455.

⁸ Students enrolled in more than 3 credit hours will pay a mandatory health service fee of \$21.50 per semester, \$8 for Summer Session I, and \$13.50 for Summer Session II. Students enrolled for 3 credit hours or less will be charged on a full-cost, fee-for-service basis if they use the services of the Student Health Center.

⁹ Health, Physical Education, and Recreation electives that carry special fees in addition to credit-hour fees include billiards, \$15; bowling, \$15; fencing, \$7.50; golf (advanced), \$20; golf (beginning), \$15; horsemanship, \$115; riflery (E161), \$25; sailing, \$25; scuba certification, \$120; shooting sports (S351), \$28; skiing (downhill), \$75; tennis pavilion, \$80; and trap and skeet (E183), \$25. Fees are paid directly to the facility.

¹⁰ Journalism courses assessed a fee of \$47 per course include J200, J210, J343, J344, J351, J352, J353, J354, J490, and J520.

¹¹ Students who are enrolled in the following laboratory courses will be assessed a laboratory fee of \$19 per course:

Afro-American Studies: A100 (performance section only), A110, A120

Biology: B300, B313, B352, B364, B372, L100, L111, L112, L465, L474, M215, M315, M435, M465, M485, Q201, S303, S304, S305, S306, S307, S309, Z218, Z450, Z468

Business: K201, K502

Chemistry: C121, C122, C125, C126, C313, C315, C316, C335, C343, C344, C409, C445, S125, S126, S343, S344

Home Economics: H203, H207, H275, H303, H313, H366, H407, H465, H466, H598, H599

HPER (Nutrition): N120, N320, N432

Medical Sciences: A215, A311, P215

Optometry: V111, V121, V131, V151, V153, V201, V210, V211, V221, V226, V227, V232, V251, V252, V254, V255, V256, V321, V322, V412, V414, V416, V417, V431, V432, V443, V453, V454, V467, V468, V513, V533, V550, V554, V555, V556, V557, V558, V655, V657, V658, V699

Physics: P101, P106, P201, P202, P221, P222, P302, P309, P360, P430, P431, P432, P451, P452, Q202
SPEA: E461, E475, E528, E537, E548, H465

¹² After Drop-and-Add Week (100% refund period), students will be assessed \$10 for each course added, exchanged, or dropped, including a section change, credit hours change, or credit/audit change.

¹³ A late registration processing fee will be assessed any student who does not register during the scheduled registration period. The fee is \$30 for students who register by the last Friday before classes begin and increases by \$10 on the Monday of each successive week to a maximum of \$60. No registrations will be accepted after the sixth week of the semester without the approval of the Dean of Students.

¹⁴ Includes Nursing B302, J350, J351, J352, K490, and P353.

¹⁵ If applied music fee has been paid, no additional fees are charged for practice rooms. Use of practice rooms is limited to one hour per day.

¹⁶ Recital fee consists of \$20 for a one-page program, \$30 for a two-page program. The fee for recording the recital is an additional \$20.

their matriculation at Indiana University and is reduced to \$10 per credit hour for undergraduate transfer students during the first regular semester following their matriculation at Indiana University.

Special examination	\$7.50 to \$17.50
Student activity fee ¹⁷	\$5.45 or \$10.90/semester
	\$2.75 or \$5.45/summer session
Studio courses ¹⁸	\$95/course
Transcripts	
Active (current) students	\$3
Inactive (past) students	\$5

INDIANAPOLIS CAMPUS	Indiana Resident	Nonresident
Undergraduate	\$53.75/credit hour	\$143.00/credit hour
Graduate	\$73.75/credit hour	\$201.75/credit hour
Professional		
Dentistry (Undergraduate)	\$4000/year	\$8400/year
Dentistry (Graduate)	\$73.75/credit hour	\$201.75/credit hour
Law	\$73.75/credit hour	\$201.75/credit hour
Medicine	\$4200/year	\$9600/year
Thesis enrollment	\$73.75/semester	\$201.75/semester
Auditing (no credit)	applicable credit hour rate	

Special Fees (Applicable to Residents and Nonresidents)

Application for admission	
United States	\$20
Foreign	\$35
Deferred billing charge	\$10
HELP programs ¹⁹	\$26.87 to \$161.25/course
Laboratory courses	\$8.50/contact hour
Late program change ²⁰	\$10/course
Late registration ²¹	\$15 to \$60
Nursing clinics	\$9/contact hour
Student activity fee ²²	\$2.50/semester

¹⁷ Students enrolled for more than 3 credit hours during the fall and spring semesters will be assessed a mandatory student activity fee of \$10.90. Students enrolled for 3 or fewer credit hours pay a mandatory fee of \$5.45. Summer term students enrolled in more than 3 credit hours pay a mandatory fee of \$5.45; students enrolled in 3 or fewer credit hours pay \$2.75.

¹⁸ Students enrolled in any of the following studio courses are assessed a fee of \$95 per course: Journalism J385 and Telecommunications R208, R309, R407, R408, and R409.

¹⁹ Courses X011, X012, X013, X014, and X017 are \$26.87. Course X022 is \$161.25. Course Q081 is \$53.75 for 1 credit hour or \$161.25 for 3 credit hours.

²⁰ After Drop-and-Add Week (100% refund period), students will be assessed \$10 for each course added, exchanged, or dropped, including a section change, credit hours change, or credit/audit change.

²¹ A \$15 registration fee is in effect upon conclusion of registration through the end of the first week of classes. Late registration after the first week of classes will be assessed as follows: second week, \$30; third week, \$45; fourth week, \$60. No registrations will be accepted after the fourth week of classes without the approval of the Dean of Faculties.

²² Part-time students enrolled in 1-8 credit hours pay \$2.50 per semester. Full-time students enrolled in 9 or more credit hours pay \$5 per semester.

Fee Refund Schedule

Time of Withdrawal	Refund
9 through 16 weeks	
During 1st week of classes or through Drop/Add Day	100%
During 2nd week of classes	75%
During 3rd week of classes	50%
During 4th week of classes	25%
During 5th week of classes and thereafter	None
5 through 8 weeks	
During 1st week of classes or through Drop/Add Day	100%
During 2nd week of classes	50%
During 3rd week of classes and thereafter	None
2 through 4 weeks	
During the 1st and 2nd day or through Drop/Add Day	100%
During 3rd and 4th day of classes	50%
During 5th day of classes and thereafter	None
1 week or less	
During 1st day of class	100%
During 2nd day of classes	50%
During 3rd day of classes and thereafter	None

The refund policy applies to credit hour fees and all course-related mandatory fees, wherein the student is required to pay a specific fee.

Procedure Students must apply to the Office of the Registrar and the Office of the Bursar when they withdraw from classes.

Fee Reductions and Financial Aid

Scholarships and Financial Aid Students can find information about loans and part-time employment through the Office of Scholarships and Financial Aids and through their schools or departments.

Fee Courtesy The following statements describe the privilege of fee courtesy extended to full-time or retired University faculty and staff by the trustees. For a full policy statement, please refer to personnel policy No. 18, revised January 1985, available in the personnel office of each campus.

Fees for a full-time employee (100% F.T.E.) who is appointed within the first week of a semester or summer sessions and enrolled in 1-6 credit hours will be assessed at one-half the resident credit hour rate at the campus where the employee enrolls, for the actual number of hours taken. Fees for more than 6 credit hours in a semester or summer

sessions will be assessed at full resident rate on that campus.

The spouse of a full-time (100% F.T.E.) employee appointed within the first week of a semester or summer sessions will be entitled to a fee courtesy consisting of one-half of the resident undergraduate fee rate at the campus where the spouse enrolls for each credit hour up to the maximum of 3 credit hours per semester or summer sessions. This credit will be applied against the full fees of the student at the appropriate resident or nonresident rate.

Dependent children of full-time faculty and staff appointed within the first week of a semester or summer session will be entitled to a fee courtesy consisting of one-half of the resident undergraduate fee rate at the campus where the child enrolls. Dependent children are defined as all legally dependent children including stepchildren, children who have employees as their legal guardians, children of retired employees eligible for group life insurance benefits, children of disabled employees receiving long-term disability benefits, and children of deceased employees of 20 years or more full-time service.

The fee courtesy for dependent children will be granted only to students registered at Indiana University and only for the number of credit hours required to complete the curriculum in which the student is enrolled (up to 140 credit hours). This fee courtesy does not apply to graduate or post-baccalaureate professional study.

To receive fee courtesy for dependent children, the full-time employee must fill out the application titled Request for Fee Courtesy — Dependent Children, available from the personnel office of each campus, and return the completed form to the personnel office *prior to registration* for verification of employment. If this application has not been approved and processed prior to registration, the student will be required to pay full fees and then will be issued a refund for the portion covered by the fee courtesy when the application is approved.

Veteran benefits Students who are eligible for veteran benefits may enroll according to the following scales:

Undergraduate Benefits	Fall & Spring Semesters	Summer I	IUPUI Summer II	Bloomington Summer II
full	12 or more	4	4	6
³ / ₄	9-11	3	3	4-5
¹ / ₂	6-8	2	2	3
tuition only	fewer than 6	1	1	1-2
Graduate Benefits				
full	9 or more	4	4	5
³ / ₄	7-8	3	3	4
¹ / ₂	5-6	2	3	3
tuition only	fewer than 5	1	1	1-2

It is the responsibility of the veteran or veteran dependent to sign up for benefits each semester or summer session of enrollment. It is also the responsibility of the veteran or veteran dependent to notify the office of Veterans Affairs of any schedule

change that may increase or decrease the number of benefits allowed.

Veterans with service-connected disabilities may qualify for the V.A. Vocational Rehabilitation Program. They should contact their regional V.A. office for eligibility information.

For Further Information

Requests for application forms or information on any of the programs in dental education should be directed to the appropriate address below:

Indiana University School of Dentistry
1121 West Michigan Street
Indianapolis, Indiana 46202

The offices are open 9 a.m. to 5 p.m., Monday through Friday, for those who desire to call or visit.

Information on Dental Auxiliary Education programs may be obtained from the following:

Indianapolis

Coordinator, Office of Records and Admissions
or

Director—Dental Assisting
Indiana University School of Dentistry
1121 West Michigan Street
Indianapolis, Indiana 46202

Gary

Supervisor—Dental Hygiene
or

Supervisor—Dental Assisting
Indiana University Northwest
3223 Broadway
Gary, Indiana 46408

Fort Wayne

Supervisor—Dental Hygiene
or

Supervisor—Dental Assisting
or

Supervisor—Dental Laboratory Technology
Indiana University - Purdue University at Fort Wayne
2101 Coliseum Boulevard East
Fort Wayne, Indiana 46805

South Bend

Supervisor—Dental Hygiene
or

Supervisor—Dental Assisting
Indiana University at South Bend
1825 Northside Boulevard
South Bend, Indiana 46615

Evansville

Supervisor—Dental Hygiene
or

Supervisor—Dental Assisting
or

Supervisor—Dental Laboratory Technology
University of Southern Indiana
8600 University Boulevard
Evansville, Indiana 47712

Graduate Dentistry

S. Miles Standish, Associate Dean for Graduate and Postgraduate Education
Graduate Dental Program
1121 West Michigan Street
Indianapolis, Indiana 46202

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