

# Indiana University School of Dentistry

## Bachelor of Science Degree – Dental Hygiene



**Leadership  
Through  
Education**

The IUSD Bachelor of Science degree in Public Health Dental Hygiene provides an opportunity for graduate dental hygienists to develop further expertise in public health methods or dental hygiene education and includes application of practical experience. It prepares hygienists for leadership roles in education, public health, commercial ventures, professional associations and/or health advocacy. It can enhance career opportunities available to dental hygienists in a variety of areas, including but not limited to: state and county health departments, academia, sales and marketing, educational software development, pharmaceuticals, dental education consulting, dental insurance companies, research, and clinical dental hygiene. The Bachelor of Science degree completion program will allow you to develop the leadership skills needed for today's dental hygiene professional and prepare you for entry into graduate programs.

The program's objectives are designed to provide students with the education and skills to:

1. perform dental hygiene services in a variety of settings (e.g., private dental practice, public health clinics, school systems, institutions and hospitals;
2. design, implement, and evaluate effective preventive dental health programs for individuals and for groups in such settings as schools, hospitals, institutions, and community programs;
3. serve as a resource person and work in cooperation with other health personnel in assessing health care needs and providing health care services to the public;
4. plan, implement, and evaluate effective teaching methodologies in an educational setting;
5. supervise the teaching of dental hygiene services in a clinical/public health setting;
6. prepare for admission to graduate programs; and
7. continue their professional education and personal growth.

*The program is designed to meet the needs of part-time students who wish to work while completing their degree.*

### Admission Requirements

Prerequisites to the public health dental hygiene program include:

- completion of 90 semester hours which were either completed at an IU Institution or which are transferable to IU;
- graduation from an accredited dental hygiene program;
- satisfactory completion of the National Board Dental Hygiene Examination; and
- current licensure as a dental hygienist. (Indiana licensure will be required for completion of the practicum course at the end of the program.)

*Note: Students are expected to have basic computer literacy. Required courses may utilize varying degrees of computer applications, including on-line assignments and e-mail, as well as utilization of computer-based instruction via the internet or CD-ROM. Computer lab facilities are available on campus for student use.*



Students in this dental hygiene degree-completion program must complete a total of 32 semester hours of course work, including five courses ( 20 credits) of the required core curriculum. (See descriptions of these courses below.) In addition to the core courses, most students will need to complete twelve (12) additional semester hours of electives from a selected area of focus which may include the behavioral sciences, education, basic sciences, business, or other fields related to their career goals. Upper level college courses completed prior to completion of the Associate's Degree (or Certificate) in Dental Hygiene may be counted towards these electives, as determined by the program director.

***Note:** Students who do not enter the degree completion program with at least a total of 90 semester hours, but who have met all the other pre-requisite qualifications, may also need to take additional elective credits to accrue the minimum total of 122 college credit hours necessary to award the Bachelor of Science degree from this I. U. program.*

## Core Courses for the Bachelor of Science Degree

*Examples:* **301 Elementary Statistical Methods(3 cr.)** *or* **B305 Statistics (3 cr.)**

**(STAT) 301:** Must enroll in lab. A basic introductory statistics course with applications shown to various fields and emphasis placed on assumptions, applicability, and interpretations of various statistical techniques. Subject matter includes frequency distribution, descriptive statistics, elementary probability, normal distribution, applications, sampling distribution, estimation, hypothesis testing, and linear regression.

**(PSYCH) B305:** Pre-requisites: B104 Psychology as a Social Science or B105 Psychology as a Biological Science and 3 credits of math that carry School of Science credit. Subject matter includes an introduction to basic statistical concepts; descriptive statistics and inferential statistics.

Note: Other Basic statistics courses, including on-line courses may be acceptable to meet this core course requirement, based on approval of the Program Director.

**New Course  
in 2007**

**H407 Utilization of Instructional Techniques in Health Sciences Education (3 cr.)**  
*Currently, this course is offered once every two years as an evening course in the Fall semester of odd-numbered years (e.g. 2003, 2005)*

**New Course  
in 2007**

**H406 Educational Methodology in Health Sciences Education (3 cr.)** Teaching methods and techniques, choices of material and equipment with emphasis on evaluation.  
*Currently, this course is offered once every two years as an evening course in the Fall semester of odd-numbered years (e.g., 2003, 2005).*



## Core Courses (continued)

**H403 Advanced Community Dental Hygiene (4 cr.)** Public health principles including a study of the health care delivery system and preventive public health care at the community level. Includes active involvement in service learning activities and problem solving related to actual community oral health needs as well as participation in the design and implementation of effective public health programs. *Currently this course is offered on Wednesday, during the day, in conjunction with H405, once every two years during the Fall semester of even-numbered years (e.g., 2002, 2004).*

**H405 Advanced Dental Science (3 cr.)** The use of critical thinking and evidence-based problem solving will be applied to the review of current oral health literature. Principles of research design are discussed as a means of understanding, interpreting and evaluating results from current research studies related to the practice of dental hygiene. *Currently this course is offered during the day, on Wednesdays, in conjunction with H403, once every two years during the Fall semester of even-numbered years (e.g., 2002, 2004).*

**H402 or H404 Practicum in Dental Hygiene Education or in Community Health (4 cr.)** Pre-requisites: H403, H405, H406. Structured practical experience in planning, supervising, coordinating, and evaluating instruction in an educational setting (Emphasis on faculty roles and responsibilities) and/or assessment, planning, implementation and evaluation of public health programs. Alternative practicum experiences, based on students' anticipated future roles, may also be considered.

---

**Applications:** An application to the program may be obtained by contacting the Dental Hygiene Program, as listed below. Applications are accepted throughout the academic year but should be received 60 days prior to the beginning of the term in which students which to enroll.

**Inquiries--** For more information about this program, please contact:

**Nancy A. Young, Director  
Dental Hygiene Program  
Indiana University School of Dentistry  
1121 West Michigan Street, Room S406  
Indianapolis, IN 46202-5186**

**Phone: 317-274-7801  
e-mail: [nayoung@iupui.edu](mailto:nayoung@iupui.edu)  
FAX: 317-274-1363**