

# College of Health and Human Services

## Administrative Officers

Patrick Bankston Ph.D., Dean  
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(219) 980-6555

## Faculty

### Dental Education Programs

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### Division of Social Work

Darlene Lynch, Ph.D., LCSW, *Professor of Social Work and Director*

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Frank Caucci, Ph.D., M.S.W., *Associate Professor of Social Work*

Christopher Cotten, Ph.D., LCSW, *Assistant Professor of Social Work*

Andrea Tamburro, Ed.D., M.S.W., *Assistant Professor of Social Work*

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### Health Information Management Programs

Margaret A. Skurka, M.S., RHIA, CCS, FAHIMA,  
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### Radiologic Sciences Programs

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Robin J. Jones, M.S., RT(R), *Clinical Associate Professor and Clinical Coordinator of Radiologic Sciences*

Vesna Balac, B.S., R.T.(R), *Lecturer in Radiologic Sciences*

Sharon Lakia, M.S., RT(R), RDMS, RVT, *Lecturer in Radiologic Sciences*

Dorothy Rytczak, B.S., RT(R)(T), *Lecturer in Radiologic Sciences*

## School of Nursing

Linda A. Rooda, Ph.D., R.N., *Professor of Nursing and Dean*

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L. Kathleen Cerbin, M.S.N., R.N., *Lecturer in Nursing*

Rosalinda DeLuna, M.S.N., R.N., *Lecturer in Nursing*

Linda R. Delunas, Ph.D., R.N., C.N.E., *Professor of Nursing and Associate Dean, College of Health and Human Services*

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Mary Goolik, M.S., R.N., *Lecturer in Nursing*

Evalyn Gossett, M.S.N., R.N., *Lecturer in Nursing*

Ellen Hennessy-Harstad, M.S.N., R.N., FNP, BC, *Lecturer in Nursing*

Catherine Lazo-Miller, M.S., R.N., *Lecturer in Nursing*

Jo Anna Newman, M.S.N., R.N., F.N.P., B.C., *Lecturer in Nursing*

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Susan Rouse, Ph.D., R.N., CNE, *Assistant Professor of Nursing*

Sandy Sperling, M.S., R.N., *Lecturer in Nursing*

Szabo, Jennifer, M.S., R.N., *Lecturer in Nursing*

### School of Public and Environmental Affairs

Barbara Peat, Ph.D., *Associate Professor and Director of Public and Environmental Affairs*

George O. Assibey-Mensah, Ph.D., *Associate Professor of Public and Environmental Affairs*

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Samuel S. Flint, Ph.D., *Assistant Professor and Associate Director of Public and Environmental Affairs*

Joseph Guzik, M.P.A., *Lecturer in Public and Environmental Affairs*

Jacqueline F. Huey, Ph.D., *Assistant Professor of Public and Environmental Affairs*

Richard W. Hug, Ph.D., *Associate Professor of Public and Environmental Affairs*

Joseph M. Pellicciotti, J.D., *Professor of Public and Environmental Affairs and Vice Chancellor of Administration*

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Susan E. Zinner, J.D., *Associate Professor of Public and Environmental Affairs*

## Overview

The College of Health and Human Services at IU Northwest offers degree programs in a wide range of health-related fields. Detailed information is presented in the sections that follow. While every effort has been made to provide accurate information, students should seek academic advice from a faculty member of the specific program in which they are interested before making final decisions based on the program descriptions contained in this bulletin. Additionally, all programs in the College of Health and Human Services have program specific policies; program-specific information can be found in the appropriate section.

## Contact Information

### [College of Health and Human Services](#)

IU Northwest  
Dunes Medical / Professional Building, Room 3003  
3400 Broadway  
Gary, Indiana 46408  
(219) 980-6555

[Contact the College of Health and Human Services](#) for additional contact information.

## Admission

Admission to most of the College of Health and Human Services programs requires a separate application and admission process. See program specific details.

The admission policies of individual programs within the College comply with the following standards:

- Prerequisite Course Work
- Grade Requirements
- Repeated Courses
- Ineligibility
- Students with Disabilities
- Essential Abilities
- Admissions Procedures
- Transfer Credit
- Correspondence Courses
- Disciplinary Probation

## Prerequisite Course Work

Applicants must complete prerequisite courses at an accredited high school (or by GED equivalent), college, or university. Individual programs determine the specific courses and the minimum grade that must be achieved in any course (see specific program information). Each program must approve the completion of a prerequisite course with a Pass/Fail grade. Applicants should read the admission policies and program descriptions in this bulletin for specific admission requirements.

## Grade Requirements

Without exception, applicants must have a cumulative grade point average of at least 2.0 on a 4.0 scale for *all* course work completed at Indiana University and/or any other college or university. Some programs have established a minimum grade point average higher than 2.0 on a 4.0 scale. Some programs also use a component of the overall grade point average (for example, math/science grade point average). See specific program information. Only completed course work and the resultant grade point average are evaluated. Students may not be

admitted to, hold a position in, or begin a program if they are on probation. Students are placed on probation when the cumulative and/or semester grade point average falls below a 2.00 on a 4.00 scale.

The applicant must also maintain the minimum grade point average as established by the program. The applicant's grade point average will be the major consideration. See specific program information.

## Repeated Courses

Programs in the College of Health and Human Services have specific policies governing repeating of courses. See program specific information.

## Ineligibility

Failure to successfully complete certain General Education courses may make a student ineligible for admission to College of Health and Human Services programs. A pattern of course withdrawals may reduce the student's chances of admission to a College of Health and Human Services program. See program specific information.

Individuals convicted of sexual crimes will be ineligible for admission to most College of Health and Human Services programs. Should such a situation occur during enrollment in the program, decisions related to dismissal will be addressed on a case-by-case basis.

## Essential Abilities

Most academic programs in the College of Health and Human Services has specified essential nonacademic abilities critical to the success of students enrolled in that program. Once admitted to an academic program, students are expected to meet program standards for these essential abilities in order to participate in the educational program. Copies of each program's essential abilities are available upon request from the program office. Modifications in the learning environment to assist students in meeting these essential abilities and all other progression requirements will be made in accordance with federal and university guidelines and in consideration of individual needs. For more information contact the specific program office.

## Admission Procedures

1. Individuals must read the program-specific sections in this bulletin for additional admission requirements and deadlines.
2. Individuals seeking admission to a professional program must submit a complete application prior to the program's application deadline. Admission to the professional program is competitive; application for admission to the university does not constitute automatic admission to a program.
3. Applicants who are not Indiana University students must also file an Indiana University application and pay the application fee prior to the program application deadline. Applications for admission to Indiana University can be obtained from the Office of Admissions on the campus of interest. Some campuses may have application deadlines.
4. The program's admission committee reviews all completed applications. The selection of a class is based

on school and program admission criteria. All applicants receive written notification of their admission status.

5. Applicants may appeal any admission decision except the requirement of a grade point average of 2.0 on a 4.0 scale. Copies of the policies and procedures governing the appeals process are available on request from the programs' administrative offices.
6. Individuals interested in being admitted to one of the school's programs should contact the program of interest annually for an update of admission criteria.
7. Applicants must obtain an application for the year in which they wish to apply.
8. Applicants should check the current program application for the deadlines for submission.
9. Students who have a positive criminal history may be ineligible for admission, unable to be placed clinically (and thus unable to progress through the program), or unable to obtain appropriate credentials to practice in some disciplines. Contact the program director for further information.
10. A student whose name appears on the Sex Offenders List will not be allowed to pursue admission to any program in the College of Health and Human Services.
11. Programs may calculate the competitive grade point average utilizing grades earned in remedial courses differently. See the program-specific section.

## Transfer Credit

The campus Office of Admissions will determine acceptance of credit from a regionally accredited college or university for transfer to Indiana University. Each program in the College of Health and Human Services retains the right to determine the acceptability of transfer credit to meet degree requirements.

While the grades from *all* course work completed at Indiana University and all other colleges and universities are used to calculate the *admission grade point average*, only grades of C or above will be considered for transfer. The university does not accept the transference of special credit by examination awarded by another college or university. The transfer of credit earned through a regionally accredited junior college or a community college is normally limited to the equivalent of two years of academic work toward a baccalaureate degree and one year of academic work toward an associate degree.

## Correspondence Courses

All credit to be applied to a College of Health and Human Services degree earned through correspondence study, or other nontraditional methods must be validated and approved by the faculty of the program to which the student is applying.

## Students with Disabilities

Persons who have physical, mental, or learning impairments are encouraged to work with academic counselors to plan how the applicant can be helped to meet essential program requirements. The person with disabilities must meet academic requirements

and technical standards that are essential to the program of instruction or to any directly related licensing requirements. Modifications in the means by which academic requirements are met will be given individual consideration. Students can also contact the Office of Student Support Services, Hawthorn Hall at (219) 980-6941.

## Disciplinary Probation

Disciplinary probation is administered according to the *Code of Student Rights, Responsibilities, and Conduct*.

## Policies & Procedures

### General Policies

#### Student Responsibility

Students in the College of Health and Human Services are responsible for planning their own programs, meeting degree requirements, and receiving academic advising from their respective program advisor each semester. Academic counselors, faculty, and administrators are available to assist students in understanding degree requirements. It is important for students to acquaint themselves with all regulations and to remain properly informed throughout their studies. All provisions of the bulletin are in effect for the year in which the student enters the major. Students interrupting their studies, pursuing part-time study, or full-time students taking more than one year to complete prerequisite requirements are subject to policy and curriculum changes as they occur. Curriculum changes during the progress toward the degree may result in revision of degree requirements.

#### Drug-free Campus

Students are prohibited by Indiana University to use or possess alcoholic beverages, any drug or controlled substance, or drug paraphernalia on university property or in the course of a university activity or student organization activity. Students are responsible for acquainting themselves with this policy and the sanctions for violation of the policy.

#### Professional Liability Insurance

All students in the College of Health and Human Services having patient/client contact will be covered under the malpractice contract for Indiana University. This liability insurance will not extend to employment outside of course-related activities. The student should be aware that failure to pay course and other fees will result in non-coverage under the malpractice contract of Indiana University. Such non-coverage makes the student ineligible to attend clinical classes. Some programs may require additional professional liability insurance; see specific program policies.

#### Standards of Conduct

Students are subject to the standards of conduct as defined in Indiana University's *Code of Student Rights, Responsibilities, and Conduct*. Stated due process will be followed for any student found to be in violation of this code. All Indiana University students are responsible for acquainting themselves with and adhering to policies outlined in this document. Additionally, all students are expected to adhere to the College of Health and Human

Services Honor Code. The CHHS Honor Code can be found at: <http://www.iun.edu/~chhs/>.

## Dress Code

In clinical courses, students wear the designated uniform of the program. All students wear the designated photo identification badge when in a clinical agency. Students not appropriately attired may be asked to leave the clinical area by their instructor. Such an occurrence constitutes an absence. See program information for program-specific policies.

## Drug Screen

Clinical sites may require students to have a drug screen prior to attending clinical at their agency, or may require one on demand in certain situations. Failure to comply immediately will result in removal from the site and possible dismissal from the program. Additionally, a positive drug screen may prevent students from being able to be placed in a clinical agency. See program information for program-specific policies.

## Health Requirements

Students in many College of Health and Human Services programs are required to show proof that they have met the immunization, physical examination, and laboratory examination requirements of hospitals and other health agencies used for clinical experiences, as well as CPR certification. Specific instructions will be distributed prior to clinical assignment. Failure to meet those health requirements will make the student ineligible for clinical classes. See program information for program-specific policies.

## Criminal History Check

Many of the clinical sites where College of Health and Human Services students complete their hands-on clinical experiences (such as hospitals, clinics, and other agencies) require verification of having undergone a criminal background check before students can be placed in their organizations. Failure to meet this requirement will make the student ineligible for clinical classes. It is possible that a positive criminal history may prevent students from progressing in a College of Health and Human Services program. See program information for program-specific policies.

## Transportation

Students are to provide their own transportation for educational experiences requiring travel. Classes and clinical facilities are distributed in various locations throughout Northwest Indiana and the Chicago area, with limited public transportation. Students using cars for clinical must be able to show proof of auto insurance that is compliant with Indiana law. In addition, the student must show proof of a valid driver's license. Indiana University does not assume liability for individual incidents involving personal vehicles.

## Policies & Procedures

Admission to the College of Health and Human Services programs requires a separate application and admission process. The admission policies of individual programs within the College comply with the following standards:

## Disciplinary Probation

Disciplinary probation is administered according to the *Code of Student Rights, Responsibilities, and Conduct*.

## Absences

Loss of time in any one clinical area may require that the student repeat the course. Faculty will distribute program-specific absence policies.

## Audit Students

An audit student officially registers for a class and pays applicable credit hour rates. Upon completion, the course is entered on the permanent university record as one taken for no credit (NC). Check with your academic counselor for specific instructions. Required general education courses taken for NC will not apply toward completion of program requirements. Students may not audit any clinical course. The opportunity to audit a didactic course is dependent on the availability of space.

## Class Standing

Within Indiana University, class standing is based on the total number of credit hours a student has earned. However, within a program, class standing is assigned according to a student's progress in the professional curriculum.

## Completion of Degree Requirements

The program records specialist must receive removal of all Incomplete and Deferred grades, special credit, and Independent Study course grades no later than three weeks prior to the end of classes of the student's last semester before graduation.

## Cumulative Grade Point Average

All work attempted at Indiana University is used to calculate the cumulative grade point average. Courses transferred from another institution are not included for calculation in the cumulative grade point average. However, the pre-program grade point average is calculated by including all (transfer and IU) courses used toward the degree.

## Dismissal

Upon the recommendation of the faculty in the student's program, a student may be dismissed from the College of Health and Human Services. Dismissal is based on the failure to meet academic or professional standards. The student will be informed of the dismissal in writing by the dean of the College of Health and Human Services or the dean's representative.

A student in the College of Health and Human Services may be dismissed from the school when, in the judgment of the faculty, the student has ceased to make satisfactory progress toward a degree. When an undergraduate student fails to attain a C (2.0) grade point average in any two consecutive academic sessions, has a cumulative grade point average below C (2.0) for two consecutive sessions, or fails to earn higher than a D (1.0) grade point average in any one semester, the student is automatically considered to be making unsatisfactory progress toward a degree and is thereby eligible for dismissal.

In addition, a student who fails to meet program-specific academic requirements is considered not to be making satisfactory academic progress toward a degree and may be dismissed. At the time of initial enrollment, each student receives a copy of the program-specific academic requirements.

A student failing to meet the standards of professional and personal conduct may also be recommended for dismissal.

Programs have specific policies regarding reinstatement or reenrollment of students who have withdrawn or are dismissed. See program specific information.

## Honors

The College of Health and Human Services offers the following honors to recognize superior student performances. In addition, see specific program information.

### Degrees Awarded with Distinction

To graduate with academic distinction, degree candidates must rank within the highest 10 percent of the graduating class. Additionally, baccalaureate degree candidates must have completed a minimum of 60 credit hours at Indiana University. Academic distinction is conferred on graduates as follows:

- 3.83 - 4.00 Highest Distinction
- 3.66 - 3.82 High Distinction
- 3.50 - 3.65 Distinction

Distinction is based on course work completed at Indiana University, including the final semester.

### Dean's List

Full time students who earned a 3.3 grade point average or higher for the semester and part time students who earned a 3.3 grade point average or higher carrying 12 credit hours or more during the regular academic school year are placed on the Dean's List.

## Intercampus Transfers

Students in good academic standing may seek intercampus transfer by petitioning the faculty on the campus of desired transfer at least one semester in advance of requested transfer. Intercampus transfer requests will be evaluated individually on the basis of student record review and the availability of course positions, faculty, and facilities to meet student needs and program objectives.

## Probation

Upon the recommendation of the faculty in the student's program, a student is placed on probation. Probationary recommendations are made when the student does not meet standards of academic performance or professional behavior. A student will be placed on academic probation for the academic session following the one in which the student fails to attain a minimum C (2.0) cumulative and semester grade point average. Individual programs may have additional academic and professional standards. A student who fails to meet these program-specific standards may also be placed on probation. Students are informed of program-specific standards upon entering the program. A student will be removed from probation after satisfactorily completing the program's

specified requirements. Students are notified in writing of probationary actions by the College of Health and Human Services dean or the dean's representative.

## Residency Requirement

A minimum of 51 percent of the required courses must be completed at Indiana University. Courses assigned to the Indiana University transcript through the process of validation will not count toward meeting the residency requirement. The Indiana University campus on which the student met the residency requirement will award the degree.

## Semester Load

To be considered a full-time student by the university, the student must register for a minimum of 12 credit hours each fall and spring semester and a total of 6 or more credit hours during a summer session. The maximum load is 18 credit hours. Students who want to carry more than 18 credits must obtain permission of the program director or dean. In addition, students should have a cumulative B (3.0) average or have earned a B (3.0) average in their last semester.

## Students in Good Standing

Students must maintain a minimum cumulative grade point average of C (2.0) and a minimum grade point average of 2.0 for the most recent academic session and meet additional programmatic, academic, and professional standards in order to be considered in good standing. Students are informed of programmatic, academic, and professional standards during program orientation.

## Withdrawals (Grade of W)

Withdrawals are issued to students wishing to withdraw from any or all courses if the official withdrawal process is completed by the automatic withdrawal deadline dates printed in the current class schedule. A grade of W will appear on student transcripts when students complete the official withdrawal process with the appropriate approval. After the automatic withdrawal deadline, the grade awarded will be an F or W as determined by the instructor. Withdrawal after the automatic deadline is not automatic and requires approval of the College of Health and Human Services dean or the dean's representative; permission will be granted only in extraordinary circumstances. *W is an option after the withdrawal deadline only if the student is passing.* A grade of FN will be recorded on the official transcript if a student stops attending but does not officially withdraw from class.

## Schools & Divisions

### Dental Education

#### Administrative Officer

Juanita Robinson, M.S.Ed., L.D.H., C.D.A, E.F.D.A,  
*Clinical Assistant Professor of Dental Education, Program Director*

**Web site:** [www.iun.edu/~dental/](http://www.iun.edu/~dental/)

**Telephone:** (219) 980-6770

### About Dental Education

Dental Education offers an Associate of Science in Dental Hygiene and a Certificate in Dental Assisting. Detailed

information is presented in the sections that follow. While every effort has been made to provide accurate information, students should seek academic advice from the Dental Education advisor before making final decisions based on the program descriptions contained in this bulletin.

### **Mission**

The mission of the Dental Education department at Indiana University is to improve the public's total health by advancing the art and science of dental assisting and dental hygiene by increasing the awareness of and ensuring access to quality oral health care, promoting the highest standards of dental assisting and dental hygiene education, certification, licensure and practice, and representing and promoting the interest of dental assistants and dental hygienists.

### **Accreditation**

The Dental Assisting and Dental Hygiene programs are accredited by the American Dental Association Commission on Dental Accreditation, 211 East Chicago Avenue, Chicago, IL, 60611, phone: (800) 621-8099.

### **Student Dental Assisting and Student Dental Hygiene Association**

Undergraduate students are eligible for student membership in the national, state, and local constituents of the American Dental Assistants' Association (ADAA) or the American Dental Hygienists' Association (ADHA). Sustaining membership is obtained by individuals attending an accredited program. The purpose of the organization is for the students to become active in their professional association. The students have the opportunity to take advantage of the tangible benefits and the intangible benefits that play a vital role in the security of the profession.

## **Admission Policies**

### **Repeated Courses**

Applicants whose grade point average is at least 2.0 on a 4.0 scale who have repeated courses will have their admission grade point average calculated by averaging the grades earned together. The FX policy of Indiana University is also utilized for repeated courses. The FX option is applied with the following restrictions: no more than three courses will be deleted, and the grade will be deleted no more than once for a given course. If more than three courses are repeated, the applicant will determine which of the repeated courses are to be deleted.

### **Essential Abilities**

A certificate in dental assisting or degree in dental hygiene attest to the mastery of knowledge and skills. Graduates must possess the essential knowledge and skills to function in a variety of clinical situations and render a wide spectrum of patient care in a safe and effective manner.

The Dental Education faculty has therefore specified non-academic criteria, Essential Abilities for Admission and Retention, which all applicants and students are expected to meet in order to participate in the dental assisting and dental hygiene programs. These criteria include the following five categories: observation; communication; motor function; intellectual-conceptual, integrative and qualitative abilities; and behavior and

social attributes. All accepted students will be required to sign a statement certifying that they can meet the essential abilities that apply to the dental assisting and dental hygiene program.

## **Dental Assisting Admission Procedures**

Candidates for admission to the program must be high school graduates with a 2.0 grade point average (on a 4.0 scale), or GED equivalent. High school courses in biology, chemistry, and computers are strongly recommended.

Each candidate must submit the following materials to the Dental Education Admissions Advisor prior to **July 15** for consideration for entry into the class beginning in the fall semester of that year. (Applications submitted beyond the **July 15** deadline will be considered based upon class availability.)

1. Applicants must first make application to IU Northwest if *not* previously admitted by an Indiana University campus. Please contact the IU Northwest Admissions Office for an application at (219) 980-6991.
2. Complete a Dental Assisting Program Application. This application is available online at [www.iun.edu](http://www.iun.edu), in the Dental Education Department, Dunes Medical/Professional Building, Room 1180, or by calling (219) 980-6770. A separate application must be submitted to each campus the student is interested in attending.
3. Two IU Northwest Dental Education Recommendation Forms.
4. Official college and university transcripts, if applicable.

In August, upon receipt of all application materials, applicants are *required* to attend the Dental Assisting Applicant Open House. Applicants will be notified by mail concerning the date and time of the Open House.

Class size for the dental assisting program is limited. Therefore, each applicant is encouraged to schedule an appointment with the advisor of the dental assisting program and to apply early. The Dental Assisting Admissions Committee reviews all applicants without discrimination or favor of sex, age, race, religion or national origin.

## **Dental Assisting Career Options**

Employment opportunities are available in private dental practice (general or specialty); hospitals; educational institutions; business; and federal, state and community clinics.

## **Dental Assisting Curriculum**

The dental assistant is a member of the dental health team and is concerned with the prevention of dental disease. The dental assistant is also trained to aid the dentist in the detection, care, and treatment of already present oral pathology.

Graduate dental assistants have completed a professional, accredited college program that entitles them to take a national certification examination administered by the Dental Assisting National Board. Upon successful

passage of this examination, the assistant becomes a Certified Dental Assistant (CDA).

The trained dental assistant is qualified to seek employment in private practices, both general and specialized, as well as in local, state, or federal health and educational programs. Dental publishing companies and dental sales companies also offer job opportunities. The dental assisting program is a 1-year, 36 credit hour certificate program. To be eligible to apply to the program, an applicant must be a high school graduate (or GED equivalent) with a minimum grade point average of 2.0 or a C average.

IU Northwest offers an educational program that allows students to apply their credits toward an associate of science or a bachelor's degree, in another discipline, which is generally required for positions involving the responsibilities of education and/or administration.

#### Fall Semester

- DAST H214 Oral Anatomy (3 cr.)
- DAST A112 Medical/Dental Emergencies and Pharmacology (2 cr.)
- DAST AI21 Microbiology and Asepsis Techniques (2 cr.)
- DAST A171 Clinical Science I (5 cr.)

Total (12 cr.)

#### Spring Semester

- DAST A131 Dental Materials I (2 cr.)
- DAST A111 Oral Pathology, Physiology, and Anatomy I (2 cr.)
- DAST A113 Oral Pathology, Physiology, and Anatomy II (1 cr.)
- DAST A141 Preventive Dentistry (2 cr.)
- DAST A172 Clinical Science II (5 cr.)

Total (12 cr.)

#### Summer I

- DAST H242 Introduction to Dentistry (1 cr.)
- DAST A161 Behavioral Science (1 cr.)
- DAST H303 Radiology I (2 cr.)
- DAST A132 Dental Materials II (2 cr.)

Total (6 cr.)

#### Summer II

- DAST H242 Oral Histology and Embryology (1 cr.)
- DAST A162 Oral and Written Communications (2 cr.)
- DAST A182 Practice Management, Ethics and Jurisprudence (2 cr.)
- DAST A152 Radiology Clinic (1 cr.)

Total (6 cr.)

Additional information may be obtained by writing to:

IU Northwest  
Dental Assisting Program Advisor Dunes / Medical  
Professional Building  
3400 Broadway  
Gary, IN 46408  
**Phone:** (219) 980-6770

## Dental Hygiene Admission Procedures

### Prerequisites

The dental hygiene program requires 35 credit hours of prescribed liberal arts courses. The 35 credit hours may be taken at any accredited college or university. Required courses should not be taken under the Pass/Fail option; the admissions committee must approve any exceptions. The student must maintain at least a 2.5 GPA on a 4.0 scale to be eligible for consideration. Courses taken at institutions other than Indiana University must show a grade of C or better to be accepted as transfer credit by Indiana University. All applicants must receive a minimum grade of C in each prerequisite course to be eligible for the program. Required courses include one semester of English composition, one semester of chemistry with a laboratory, one semester of psychology, one semester of sociology, one semester of public speaking, one semester of computer education, one semester of microbiology, two semesters of anatomy and physiology each with a laboratory, and one semester in arts and humanities (such as literature, history, philosophy, foreign language, music, art appreciation, or religion). Total credit hours are 35. All required courses must be completed for eligibility in the dental hygiene program.

Applications may be obtained on line at [www.iun.edu](http://www.iun.edu), in the Dental Education Department, Dunes Medical/Professional Building, Room 1180 or by calling (219) 980-6770. The application must be returned by February 1 to be considered for acceptance in the fall semester of that year. A separate application must be submitted to each campus the student is interested in attending.

- Applicants must first make application to IU Northwest if *not* previously admitted by an Indiana University campus. (Courses cannot be transferred without making application to IU Northwest.)
- Applicants must complete and return the Dental Hygiene Application to the Department of Dental Education no later than *February 1* for entry into the class beginning in the fall semester of that year.
- Items that must be submitted to the Dental Hygiene Program Admission Committee by *February 1* include:
  - Official high school transcript
  - Official college and university transcripts (This includes transcripts to be sent for course work completed by February 1)
  - Dental Hygiene Application
  - Proof of IU Northwest acceptance (if not currently attending an Indiana University campus)

In February, upon receipt of the dental hygiene application and other supporting materials, applicants are *required* to attend the Dental Hygiene Applicant Open House. The applicant will be notified of the Open House by mail during February.

Class size for the dental hygiene program is limited and each year there are more qualified applicants than can be accepted. Therefore, applicants are encouraged to consult with a program advisor for predental hygiene advising. The Dental Hygiene Admissions Committee reviews all

applicants without discrimination or favor because of sex, age, race, religion, or national origin.

Selection of dental hygiene students is based upon, but is not limited to, satisfying prerequisites, number of college credit hours satisfactorily completed, overall college grade point average, prerequisite GPA, high school rank, applicant Open House attendance, and an individual appraisal of the applicant's established record and potential for development.

### Seven-Year Limit

All credit to be applied to a dental education degree earned through Indiana University's Division of Extended Studies, correspondence study, or other nontraditional methods must be validated and approved by the director of the program to which the student is applying. Dental Education retains the right to determine the acceptability of transfer credit to meet degree requirements.

## Dental Hygiene Career Options

Completion of an associate degree program and licensure are sufficient for the dental hygienist who wishes to practice in a private dental office, business, and/or private/public institution. Attainment of a baccalaureate degree is required to conduct research, teach and/or work in public or school health programs. Dental hygienists with masters or doctoral degrees may work as instructors and/or administrators in dental hygiene and dental assisting programs, public health agencies, or research.

## Dental Hygiene Curriculum

The dental hygienist is a licensed member of the dental health team and is concerned with the prevention of diseases of the mouth. The dental hygienist completes a professional college program that entitles the graduate, upon successful passage of national and regional board examinations, to perform specific preventive treatments for children and adults; to take and process dental X rays; to assume duties in the dental office; and/or to participate as a dental health worker in federal, state, or local public health and educational programs.

IU Northwest offers a program that leads to an Associate of Science in Dental Hygiene degree, and other disciplines offer programs that lead to a Bachelor of Science degree. While the associate degree is adequate to prepare the dental hygienist to perform the tasks that may be assigned in the private dental office, additional knowledge and skills may be necessary for positions involving the responsibilities of public health, education, or administration. Because of increasing interest among dental hygienists in those opportunities, baccalaureate degree programs are offered at several campuses. Students interested in pursuing a baccalaureate degree should consult the program advisor at IU Northwest.

### Predental Hygiene Curriculum

- ENG W131 English Composition (3 cr.)
- SOC 5161 Principles of Sociology (3 cr.)
- CHEM C101 Elementary Chemistry I (Lecture) (3 cr.)
- CHEM C121 Elementary Chemistry I (Lab) (2 cr.)
- Select one of the following (3 cr.)
  - SPCH S121 Public Speaking
  - SPCH S122 Interpersonal Communication
- Select one of the following (3 cr.)

- CSCI A106 Introduction to Computing
- CSCI C106 Introduction to Computers and Their Use
- EDUC W200 Microcomputing for Education: An Introduction

- Arts and Humanities Elective (3 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)
- PSY P101 Introductory Psychology I (3 cr.)
- BIOL M200 Microorganisms in Nature/Disease (4 cr.)

Total (35 cr.)

### Dental Hygiene Curriculum

All students must receive a minimum grade of C or better in each course to be eligible for graduation.

#### First Year

##### Fall Semester

- DHYG H214 Oral Anatomy (3 cr.)
- DHYG H303 Dental Radiology (2 cr.)
- DHYG H218 Fundamentals of Dental Hygiene (4 cr.)
- DHYG H205 Medical and Dental Emergencies (1 cr.)
- DHYG H217 Preventive Dentistry (2 cr.)
- DHYG H211 Head and Neck Anatomy (2 cr.)

Total (14 cr.)

##### Spring Semester

- DHYG H224 Oral Histology and Embryology (1 cr.)
- DHYG H308 Dental Materials (2 cr.)
- DHYG H219 Clinical Practice I (4 cr.)
- CHEM C102 Elementary Chemistry II (3 cr.)
- DHYG H305 Radiology Clinic I (1 cr.)
- DHYG H242 Introduction to Dentistry (1 cr.)

Total (12 cr.)

#### Summer I

- NURS B215 Nutrition for Health Professionals (3 cr.)
- DHYG H204 Periodontics (1 cr.)
- DHYG H215 Pharmacology and Therapeutics (2 cr.)
- DHYG H220 Summer Radiology Clinic (1 cr.)
- DHYG H221 Summer Clinic (3 cr.)

Total (10 cr.)

#### Second Year

##### Fall Semester

- DHYG H250 Local Anesthesia and Pain Control (2 cr.)
- DHYG H304 Oral Pathology (2 cr.)
- DHYG H311 Dental Health Education (2 cr.)
- DHYG H301 Clinical Practice II (5 cr.)
- DHYG H321 Periodontics (2 cr.)
- DHYG H306 Radiology Clinic II (1 cr.)

Total (14 cr.)

##### Spring Semester

- DHYG H320 Ethics, Jurisprudence, and Practice Management (2 cr.)
- DHYG H307 Radiology Clinic III (1 cr.)



- DHYG H302 Clinical Practice III (5 cr.)
- DHYG H344 Senior Hygiene Seminar (1 cr.)
- DHYG H347 Community Dental Hygiene (3 cr.)

Total (13 cr.)

## Health Information Management Programs

### Administrative Officers

Margaret A. Skurka, M.S. RHIA, CCS, FAHIMA

Linda Galocy, B.S., RHIA,

**Web site:** [www.iun.edu/~himnw/](http://www.iun.edu/~himnw/)

**Phone:** (219) 980-6899

## About the Coding Specialist Certificate Program

**Website:** [www.iun.edu/~himnw/](http://www.iun.edu/~himnw/)

**Phone:** (219)980-6899

Changing regulations for payment of health services issued by the government and other third-party payors continually create a need for qualified coders. This demand has created the need for an educational level that will produce skilled coders at a lesser level than an associate or bachelor's degree.

To ensure that quality training is available to persons interested in this field, IU Northwest offers a special training program that combines an understanding of medical terminology and of the disease process with ICD-9-CM and CPT coding principles and guidelines.

### Career Opportunities

Coders are employed in hospitals, clinics, ambulatory surgery centers, insurance companies, and other settings where diagnostic and procedural data are coded in ICD-9-CM and CPT for reimbursement purposes.

Program graduates are immediately eligible to write the Certified Coding Associate (CCA) exam offered by the American Health Information Management Association. Three exams are offered—one for the hospital-based coders and one for the physician-based coders at the advanced level and the entry level CCA exam referenced previously. Work experience is strongly suggested before writing the advanced certification exams.

### Curriculum

- HIM M195 Medical Terminology (3 cr.)
- HIM M190 ICD Coding (3 cr.)
- HIM M193 CPT (2 cr.)
- HIM M192 Intro to HIM and Reimbursement (3 cr.)
- HIM M191 Advanced Coding (3 cr.)
- Students may choose to take either of the science sequences:
  - Body Structure and Function I and II: HIM C150 and HIM C151 (6 cr.)
  - Human Anatomy and Physiology I and II: PHSL P261 and PHSL P262 (8 cr.)

Total (24-26 cr. depending on above option)

## Associate of Science Degree Program

### About Health Information Technology

Affiliated with all Lake County hospitals and several others.

The health information technician is a professional skilled in the clinical data analysis, and reporting of health care data and provision of clinical data support to health care information systems operation.

The graduate health information technician generally works in the health information department of a hospital, ambulatory care facility, or other type of health care facility. Some of the functions are supervising within the health information department; compliance and risk management functions, coordinating flow of health information to all departments of the hospital; compiling statistics; analyzing health record data for electronic completeness and accuracy; coding and classifying diagnoses and procedures that impact facility reimbursement; assigning diagnosis-related groups (DRGs) or ambulatory payment classifications (APCs); operating a cancer registry; functioning as a privacy officer for the facility; preparing special studies and tabulating data for research; and performing quality, management and utilization management activities, and other performance improvement activities, and as an electronic health record coordinator assisting with implementations and workflow operations.

Graduates are eligible to apply to write the American Health Information Management Association National Certification exam. Upon passing this exam, they may use the initials RHIT, Registered Health Information Technician.

### Educational Program

Affiliated with all Lake County hospitals and several others.

The health information technician is a professional skilled in the clinical data analysis, and reporting of health care data and provision of clinical data support to health care information systems operation.

The graduate health information technician generally works in the health information department of a hospital, ambulatory care facility, or other type of health care facility. Some of the functions are supervising within the health information department; compliance and risk management functions, coordinating flow of health information to all departments of the hospital; compiling statistics; analyzing health record data for electronic completeness and accuracy; coding and classifying diagnoses and procedures that impact facility reimbursement; assigning diagnosis-related groups (DRGs) or ambulatory payment classifications (APCs); operating a cancer registry; functioning as a privacy officer for the facility; preparing special studies and tabulating data for research; and performing quality, management and utilization management activities, and other performance improvement activities.

Graduates are eligible to apply to write the American Health Information Management Association National Certification exam. Upon passing this exam, they may use the initials RHIT, Registered Health Information Technician.

### Length of the Program

The Health Information Technology Program is two years in length if the student attends on a full-time basis. Opportunities are available for progression through the program on a part-time basis.

### Structure of the Professional Program

Health Information Technology core courses are offered primarily during the day. General-education courses are offered both day and evening. Some courses are offered online.

### Design of the Professional Curriculum

Students accepted into the Health Information Technology Program typically begin the course of study in the fall semester. The curriculum consists of general-education courses, technical courses in health information technology, and clinical experience in health care facilities in the Lake County area. The Health Information Technology Program is designed to

- Provide educational experiences to prepare students for beginning a career as a health information technician.
- Provide concentrated clinical experiences by a rotation schedule through the hospitals and other health care institutions in the community.
- Provide the medical community with individuals qualified to effectively carry out the functions of the health information management discipline.
- Contribute to the liberal education of the students by providing a core of general education courses.
- Qualify students for progression to a baccalaureate degree in specific areas.
- Assist students in reaching their goals by providing academic, occupational, and personal guidance.

### Location of Clinical Sites

The program utilizes all hospitals in Lake County, Indiana; one hospital in Porter County, Indiana; two hospitals in LaPorte County, Indiana; and two hospitals in Cook County, Illinois. Additional nonacute care facilities throughout the area are also utilized. The student is responsible for his/her own transportation to these clinical sites.

### Additional Cost

In addition to regular university fees, students are responsible for the cost of a physical examination and completion of a criminal history background check before attending clinical sites. They are also responsible for any travel expenses incurred as part of the clinical experience.

### Opportunity for Students to Work

Many students accept part-time employment in local health care facilities while completing the professional course work.

### Program Facilities

The Health Information Technology Program offices and classrooms are located in the Dunes Medical building at IU Northwest.

### Accreditation

The Health Information Technology Program of IU Northwest is fully accredited by the Commission on Accreditation for Health Informatics and Information Management Education.

### Memberships

Students in the Health Information Management Technology program are strongly encouraged to join the American Health Information Management Association (AHIMA). Faculty frequently require students to access the AHIMA site in various courses. In addition, there are many member benefits that the AHIMA offers. A student member can also obtain a discount when applying to sit for the RHIT exam. For more information about Health Information Management, a prospective student may visit <http://himcareers.ahima.org>.

### Admission

Admission to the program is competitive; therefore, completion of the corequisites does not guarantee admission to the program.

### Criteria Used for Selection of Class

Students may apply for admission to the Health Information Technology Program after qualifying for regular admission to Indiana University. Admission to the program is based upon each applicant's high school and / or college grade point average, SAT scores, and a personal interview.

### Class Size

24 students each fall semester.

### Specific Requirements

In addition to the College of Health and Human Services admission policies and procedures found at the beginning of the bulletin, the following admission policies apply to the Health Information Technology Program at IU Northwest.

### Application Deadline

April 1 of the year of anticipated entry.

### Total Number of Prerequisite Credit Hours

This is a direct high school entry program.

### Minimum Cumulative Grade Point Average

C (2.0 on a 4.0 scale). Grades from remedial courses are not figured into the cumulative grade point average.

### Distribution of Credit Hours in Specific Areas

Students must complete 26 credit hours in liberal arts as part of the degree requirements.

### Limitations of Course Work

Remedial courses may not be counted as credit hours toward a degree. Courses completed in the former Division of General and Technical Studies do not count toward a degree.

### Minimum Specific Grade Point Average

The program computes a selected course grade point average based on courses the student may have taken that are required by the program. Grades from remedial course are not included.

### Interview

All qualified applicants must participate in an interview.

**Essential Abilities**

See College of Health and Human Services Essential Abilities policy.

**Curriculum****Health Information Technology Curriculum (64 cr.)****Fall Semester**

- ENG W131 Elementary Composition I (3 cr.)
- PHSL P261 Human Anatomy & Physiology I (4 cr.)
- HIM M1951 Medical Terminology (3 cr.)
- CSCI A106 Introduction to Computers (3 cr.)
- HIM M100 Introduction to Health Care Delivery and Health Information Management (2 cr.)

Total (15 cr.)

**Spring Semester**

PHSL P262 Human Anatomy & Physiology II (4 cr.)  
 HIM M1011 Introduction to Health Records (4 cr.)  
 HIM M1071 Computer Applications in Health Information Technology (3 cr.)  
 PSY P101 Introductory Psychology I (3 cr.)

Total (14 cr.)

**Summer Session I**

- HIM M1021 Professional Practice Experience I (2 cr.)

**Fall Semester**

- HIM M2011 Coding and Classification Systems (5 cr.)
- HIM M2022 Professional Practice Experience II (5 cr.)
- HIM M2451 Health Record Law (2 cr.)
- HIM M2052 Pathology (3 cr.)
- SOC S161 Principles of Sociology (3 cr.)

Total (18 cr.)

**Spring Semester**

- HIM M200 Management in Health Information Technology (2 cr.)
- HIM M2031 Health Care Delivery & Quality Management (3 cr.)
- HIM M2042 Professional Practice Experience III (2 cr.)
- BUS Z302 Managing & Behavior in Organizations (3 cr.)
- SPCH 5121 Public Speaking (3 cr.)
- HIM M206 Reimbursement Principles in Healthcare (2 cr.)

Total (15 cr.)

1 Professional core course: A grade of C (2.0) or higher is required in order to take professional core courses that occur later in the course sequence for this major.

2 Core course: A grade of C or higher is required for graduation from this program.

**B.S. Health Information Administration**

A BS in Health Information Administration will begin in the Fall of 2011. Additional information about that program including curriculum, faculty, and course descriptions will be published at a later time.

**School of Nursing****Administrator**

Linda Rooda, Ph.D., R.N., Professor of Nursing and Dean

**Web site:** [www.iun.edu/~nurse/](http://www.iun.edu/~nurse/)

**Phone:** (219) 980-6600

**About the School of Nursing**

The School of Nursing offers the Bachelor of Science in Nursing. In addition, the B.A./B.S to B.S.N. Mobility Option is an 18- month, full-time program, designed for individuals who have earned a bachelor's degree in a non—nursing field and have decided on a career in nursing.

**Mission**

The mission of the Indiana University Northwest School of Nursing is to form partnerships for preparing students for diverse professional nursing roles in the 21st century.

**Value Statement**

"Fostering health and human dignity while promoting professional integrity".

**Code of Ethics for Nurses**

Students who are preparing to enter the profession of nursing are expected to follow the *Code of Ethics for Nurses*. Each person, upon entering the profession, inherits a measure of responsibility and trust in the profession and the corresponding obligation to adhere to standards of ethical practice and conduct set by the profession. The code was adopted by the American Nurses' Association in 1950 and revised in 1960, 1968, 1976, and, most recently, 2001.

1. The nurse, in all professional relationships, practices with compassion and respect for the inherent dignity, worth, and uniqueness of every individual, unrestricted by considerations of social or economic status, personal attributes, or the nature of health problems.
2. The nurse's primary commitment is to the patient, whether an individual, family, group, or community.
3. The nurse promotes, advocates for, and strives to protect the health, safety, and rights of the patient.
4. The nurse is responsible and accountable for individual nursing practice and determines the appropriate delegation of tasks consistent with the nurse's obligation to provide optimum patient care.
5. The nurse owes the same duties to self as to others, including the responsibility to preserve integrity and safety, to maintain competence, and to continue personal and professional growth.
6. The nurse participates in establishing, maintaining, and improving health care environments and conditions of employment conducive to the provision of quality health care and consistent with the values of the profession through individual and collective action.

7. The nurse participates in the advancement of the profession through contributions to practice, education, administration, and knowledge development.
8. The nurse collaborates with other health professionals and the public in promoting community, national, and international efforts to meet health needs.
9. The profession of nursing, as represented by associations and their members, is responsible for articulating nursing values, for maintaining the integrity of the profession and its practice, and for shaping social policy.

### Accreditation

The Bachelor of Science in Nursing degree program is accredited by the Indiana State Board of Nursing, the National League for Nursing Accrediting Commission (NLNAC), 61 Broadway, New York, NY, 10006, phone: (212) 989-9393 and the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle N.W., Suite 530, Washington, D.C., 20036-1120, phone: (202) 887-6791.

### Memberships

The School of Nursing is an agency member of the Council of Baccalaureate and Higher Degree Programs, National League for Nursing, and the American Association of Colleges of Nursing.

### Alumni Association

The School of Nursing Alumni Association is a constituent member of the Alumni Association of the university with representation on its executive council.

### Sigma Theta Tau International

The Alpha Chapter of the international honor society of nursing was organized at Indiana University. Students may be admitted to membership when they have demonstrated excellence in their nursing programs and have shown superior academic and personal records. Qualified members of the nursing profession, upon demonstration of marked achievement in nursing, are also eligible for membership. Leadership, research, and scholarship constitute the purposes of Sigma Theta Tau.

### Student Nurses' Association

Undergraduate students are eligible for membership in the National Student Nurses' Association, Indiana Association of Nursing Students, and IU Northwest's local chapter. Eligibility includes the students enrolled in the baccalaureate program, or the second degree option. The chief purpose of the organization is to aid in the preparation of students for the assumption of professional responsibilities.

## Admission Requirements

### National Background Check Policy

Most of the clinical sites where Indiana University Northwest School of Nursing students complete their hands-on clinical experiences (such as hospitals, clinics, and other agencies) require a national background check before students can be placed in their organization. Based on the requirements of these agencies, as well as state and federal regulations, all students in the School

of Nursing must undergo a national background check prior to admission and annually thereafter. Indiana University Northwest School of Nursing has selected CertifiedBackground.com to complete these background checks. The background check includes the following: residency history for the past year and county/counties of residence criminal records. The results of a student's background check may impact his or her admission status in the School of Nursing, preclude students from attending clinical, and/or affect ability to obtain licensure as a registered nurse (RN) in the state of Indiana and other states.

Per the School of Nursing's clinical affiliations agreements, all background checks that are other than negative will be sent to the student's clinical agency/agencies for review. If a clinical agency refuses to allow a student to participate in a clinical at the agency, the student may not be allowed to progress in the nursing program.

If an incident occurs that would change your background check, you are required to notify the School of Nursing immediately. You may be required to pay for a background re-check.

Failure to adhere to the above policy will result in dismissal from the program. The student will not be able to re-register until this requirement is met. The student will be responsible for any late registration fees incurred. If clinical time is missed, the student is subject to the clinical absence policy.

### Health Requirements

All nursing students at IU Northwest must show proof that they have met the immunization, physical examination, and laboratory examination requirements of hospitals and other health agencies used for clinical experiences, as well as health care provider CPR certification. Specific instructions will be distributed prior to clinical assignment. Failure to meet those health requirements will make the student ineligible for clinical classes. Annual OSHA training related to blood-borne pathogens is required of all students. Students will be notified of training dates and times. The School of Nursing faculty and administrators strongly encourage students to carry personal health insurance. The school will not be liable for any health problems requiring medical treatment for students enrolled in programs.

### Drug Screen Policy

Some clinical sites require a drug screen. In addition, faculty reserve the right to require a drug screen, at the student's expense, if the situation warrants. Failure to comply immediately will result in dismissal from the nursing program.

### Dress Code

Nursing students wear the designated uniform of the school. All students wear the designated photo identification badge. For experience in community nursing, all students wear the uniform designated by agency policy. Students not appropriately attired may be asked to leave the clinical area by their instructor. Such an occurrence constitutes an absence.

### Application Ineligibility

A student shall be ineligible for the nursing program if, by the second completed attempt, he/she fails

to earn a minimum grade of C (2.0) in any required general-education course. Students may repeat no more than three required general-education courses. Of the three courses, no more than two sciences may be repeated. A pattern of course withdrawals may reduce the student's chances of admission to the undergraduate nursing program. Students must meet minimum cumulative and pre-nursing GPA requirements.

### Eligibility for Licensure

Any person who makes application for examination and registration as a registered nurse in the state of Indiana shall submit to the Indiana State Board of Nursing at the Indiana Professional Licensing Agency written evidence, verified by oath, that he

- has completed an approved high school course of study or the equivalent as approved by the appropriate educational agency;
- has completed the prescribed curriculum in a state-accredited school of nursing and holds a diploma or certificate there from; and
- has not been convicted of any act that would constitute a ground for disciplinary sanction under the state board rules and regulations or of any felony that has direct bearing on the individual's ability to practice competently. (*Note:* Convictions include the possession and use of drugs or controlled substances.)

Rules and regulations governing licensing in Indiana are available from the Indiana State Board of Nursing.

International students and graduates of schools of nursing that are outside the United States must meet the requirements of the Indiana State Board of Nursing for eligibility to sit for the licensing examination.

### Application for National Council Licensure Examination (NCLEX)

The School of Nursing will make available the necessary forms to take the examination in Indiana. Those students taking the examination in other states are responsible for obtaining the appropriate forms from those states. It is the student's responsibility to complete the application process and meet the mailing and payment deadlines for taking the NCLEX (state board examination for licensure).

## Academic Policies

### School of Nursing Dean's List

Full-time undergraduate students in the School of Nursing will be placed on the School of Nursing Dean's List each semester that they receive a GPA of 3.5 or above. Part-time students will be honored after they have had consecutive fall and spring semesters (during the same academic year) on a part-time basis and they have accumulated 12 credit hours or more.

### Satisfactory/Fail Grades

Satisfactory/Fail (S/F) grades are used by the School of Nursing for grading undergraduate clinical nursing courses. Grades are recorded as S or F. Students must demonstrate a satisfactory level of clinical competence and skill to receive a satisfactory grade in these courses. Satisfactory performance standards are stated in each course syllabus, and faculty evaluate the quality of student

clinical performance by these standards. An S indicates a grade of A, B, or C (2.0 or higher). Inability to receive a grade of S constitutes failure.

Students cannot progress in their nursing program until this deficiency is corrected.

### Pass/Fail Option

This option is offered to any student in good standing wishing to enroll in an elective course that is not considered a prerequisite to or part of the nursing curriculum. A maximum of 6 nonnursing elective credit hours taken under this option may be applied to the Bachelor of Science in Nursing degree.

## About the Bachelor of Science in Nursing

### Philosophy

Baccalaureate nursing education provides a broad foundation in the sciences and liberal arts necessary for preparing professional nurses who are capable of practicing in a competent and responsible fashion as informed citizens in a dynamic and diverse society. Graduates of the baccalaureate nursing program are expected to demonstrate competencies consistent with being a critical thinker; a culturally competent person; a knowledgeable coordinator of community resources; a politically aware professional; a beginning practitioner whose actions are consistent with professional legal and ethical standards; an effective communicator; a competent provider of health care; and a person who exemplifies a positive image. Baccalaureate graduates assist individuals, families, and communities in attaining mutually established health goals and in facilitating the highest level of functioning for individuals, families, and communities toward the maximization of their health potential. Baccalaureate education must prepare graduates to be knowledgeable workers, to be processors of information, and to navigate complex health care systems using available technologies as they design and develop more efficient and effective approaches to the delivery of health care services independently or in conjunction with others.

### Bachelor of Science Program Outcomes

- A critical thinker who is able to demonstrate intellectual curiosity, rational inquiry, problem-solving skills, and creativity in framing problems.
- A culturally competent person who provides holistic nursing care to a variety of individuals, families, and communities.
- A knowledgeable coordinator of community resources who facilitates individuals', families', and communities' access to resources necessary to meet health care needs.
- A politically aware individual who participates in the profession and practice of nursing with a global perspective.
- An individual who practices within an ethical and legal framework of the nursing profession.
- An effective communicator who is able to share accurate information.
- A competent provider of health care who assumes the multiple role dimension in structured and semistructured health care settings.

- A professional role model who promotes a positive public image of nursing.
- A responsible manager who balances human, fiscal, and material resources to achieve quality health care outcomes.

### Admission Policies

Two categories of students are admitted to the baccalaureate program:

- Basic or traditional baccalaureate students pursuing initial preparation for nursing
- B.A./B.S. to B.S.N. (students who hold a bachelor's degree in fields other than nursing)

The traditional baccalaureate curriculum has one year of prerequisite courses followed by three years of nursing and other general education courses. Nursing courses are open only to students who have been certified into the nursing program. Prerequisite courses may be taken at any of the Indiana University campuses or may be accepted as transfer credits from other accredited institutions.

Direct all inquiries concerning the [School of Nursing](#), counseling, and application to the program to the Coordinator of Student Services, School of Nursing, 3400 Broadway, Gary, IN 46408. Phone: (219) 980-6611.

### Admission to the Baccalaureate Major for Traditional Undergraduate Students

Admission to the baccalaureate nursing major is highly selective and competitive.

Application and admission are valid only for the semester designated and will be considered when the following requirements are met:

1. Admission to Indiana University as a degree-seeking student.
2. Completion of 26-28 credit hours of prerequisite courses (including those listed below) with a grade of C (2.0) or above in each course by the second completed attempt and prior to fall semester admission. Students may repeat no more than three (3) required B.S.N. general-education courses. Of the three (3) courses, no more than two (2) sciences may be repeated.
  - W131 English Composition
  - P261/P262 Anatomy & Physiology I and II
  - P101 or P102 Introduction to Psychology
  - S161 Principles of Sociology
  - M100 Elementary Algebra (or a higher level math course, excluding M110)
  - C110 The Chemistry of Life
3. Submission of the [Application for Admission to the Baccalaureate Nursing Major](#) by April 1 for fall semester. Applications are obtained from the School of Nursing website.
4. Achieve a minimum 2.5 cumulative grade point average and a minimum 2.7 prenursing grade point average. The cumulative grade point average (GPA) will be calculated according to the Indiana University Policy for FX Grading Option regardless of when the course was taken. The nursing GPA is calculated on all required courses for the nursing program.

Students may exercise the grade replacement policy for a limit of three general education courses not to exceed 10 credit hours.

5. Return of the signed acceptance letter by the date indicated on the offer of admission.
6. Submission of an official transcript to the School of Nursing for all work being transferred from another university. To obtain an official transcript, the student must request an official transcript from the other institution(s) to be forwarded to the Office of Admissions, IU Northwest, for evaluation.

Applicants meeting the above criteria will be placed in rank order from high to low based upon the prenursing grade point average in the required prerequisite courses.

### B.A./B.S. to B.S.N. Mobility Option for Graduates of a Bachelor's Degree Program in a Nonnursing Field

Admission to the B.A./B.S. to B.S.N. Mobility Option is competitive. Candidates for admission will have previously earned a bachelors degree in a nonnursing field with a graduation GPA of 2.5 or higher, have an IU GPA of 2.5, and a 3.0 on a 4.0 scale for all general-education course work counting toward the B.S.N. degree. All general education requirements must be met prior to program admission.

### Academic Policies

#### Academic Standing/Progression Standards Students Admitted to the Nursing Major

*The following policies apply to all students admitted to the baccalaureate major in the School of Nursing.*

#### Good Standing

Students who maintain a C (2.0) or higher average in all courses, a grade of C (2.0) or higher in all courses required for the degree, and a grade of S in clinical nursing courses will be in good academic standing.

#### Academic Probation

A student will be placed on probation when any of the following conditions exist:

1. Cumulative grade point average is below 2.0.
2. Semester grade point average is below 2.0.
3. A grade below C has been earned in a required course.

Academic probation will be removed after the semester when the following conditions exist:

1. Cumulative grade point average is 2.0 or higher.
2. Semester average is 2.0 or higher.
3. A grade of C or above has been earned in the required course(s).
4. Remedial course work, if required, has been completed, and/or specified conditions have been met.

#### Dismissal

A student may be dismissed from the School when, in the judgment of the faculty, there is lack of progress toward the degree. Evidence of lack of progress consists of one or more of the following, but is not limited to:

1. Failure to attain a cumulative grade point average of 2.0 in two semesters.

2. Failure to attain a grade of C (2.0) or above for didactic or S for clinical upon repeating a nursing course.
3. Failure to attain a grade of C (2.0) or above in two or more nursing courses.
4. Failure to meet probationary stipulations in the semester following the assignment of probation.
5. Failure to achieve a grade of C (2.0) or above in any required general education course upon the second attempt.
6. Falsification of records or reports, plagiarism, or cheating on an examination, quiz, or any other assignment; violation of patient/ client confidentiality resulting in denial of access to a clinical facility.

*A student may be dismissed from the School of Nursing without being placed on probation when any of the above conditions exist.*

The faculty reserves the right to request the withdrawal of any student whose personal integrity, health, or conduct demonstrates unfitness to continue preparation for professional nursing.

Dismissal is subject to the appeal process. The student can initiate the appeal through a letter sent to the coordinator of Student Services, who will forward it to the faculty.

### **Reentry**

Failure to register in each sequential semester, excluding summer sessions, constitutes an interruption in the student's program. Students who have so interrupted their programs are required to submit written notification of intent to reenter the program to the academic counselor. All requests for reentry will be evaluated on the basis of available resources. Students who reenter must adhere to the academic policies in effect at the time of reentry. Reentry of students who have interrupted their study, for any reason, is not guaranteed.

### **Graduation/Degree Requirements**

Prospective students should study the requirements for admission to the School of Nursing, the specific curriculum requirements and sequences, and requirements for the degree. Students are responsible for meeting degree requirements and for making application for the degree. The deadlines for filing the application for a degree are September 1 for December graduation and May graduation. The School of Nursing is not responsible for certifying students for the degree if they do not file the application.

All candidates for the Bachelor of Science in Nursing degree must fulfill the following requirements:

1. Satisfactory completion of a minimum of 124 credit hours that apply to the degree.
2. Minimum cumulative grade point average of 2.0.
3. Minimum of a C (2.0) in each required course or equivalent.
4. Completion of the nursing major within six years of the first enrollment.
5. Residency requirements.

### **Policies Governing Baccalaureate Study Grade Point Average for Required Courses**

Minimum of a C (2.0) grade is required in each required course. A grade of C- (1.7) is less than minimum. A grade of S in each clinical nursing course is required.

### **S/F Grades for Clinical Nursing Courses**

A student must receive a grade of S (satisfactory) in each clinical nursing course. Failure to receive a grade of S constitutes failure. An S indicates a grade of A, B, or C (2.0).

### **Repeat of Nursing Courses**

A student who receives less than a C (2.0) in a nursing didactic course or less than an S in a clinical course may be permitted to repeat the course. A student will receive no more than two opportunities to successfully complete a given nursing course. Failure to receive a C (2.0) upon repeating a nursing course or failure in two or more nursing didactic or clinical nursing courses will result in dismissal.

### **Repeat of Required General Education Courses**

To qualify for admission and progression, a student must earn a grade of C (2.0) or higher in all required general-education courses (C— is not acceptable) by the second completed attempt. Students may repeat no more than three (3) required B.S.N. general- education courses. Of the three (3) courses, no more than two (2) sciences may be repeated.

Satisfactory/Fail (S/F) grades are used by the School of Nursing for grading undergraduate clinical nursing courses. Grades are recorded as S or F. Students must demonstrate a satisfactory level of clinical competence and skill to receive a satisfactory grade in these courses. Satisfactory performance standards are stated in each course syllabus, and faculty evaluate the quality of student clinical performance by these standards. An S indicates a grade of A, B, or C (2.0 or higher). Inability to receive a grade of S constitutes failure.

Students cannot progress in their nursing program until this deficiency is corrected.

### **Pass/Fail Option**

A maximum of 6 prerequisite elective credit hours taken under this option may be applied to the B.S.N. degree.

### **Correspondence Courses**

Required and elective courses for the nursing major, except public speaking, currently available by correspondence at Indiana University may be taken for credit. Some courses, however, may not meet degree requirements. Students must contact the Coordinator of Nursing Student Services before enrollment. Nursing majors are required to have the academic counselor's signature for all correspondence courses. Final examinations in all correspondence courses must be taken no later than six weeks prior to the expected graduation date.

### **Courses Excluded from the Degree**

Credits earned in remedial courses do not apply to the B.S.N. degree. Credits from courses that have been repeated may be counted only one time to meet the credit hour requirement for the degree.

## Withdrawals

If a student withdraws from a didactic course, withdrawal from the co-requisite clinical course is required.

## Seven-Year Limit

Anatomy and Physiology I and II, Microbiology, Statistics, and Life Span Development have a seven year age limit. Students may opt to (1) take the course again or (2) challenge the course by examination.

## B.S.N. Curriculum Plans

### General Education Requirements for the Bachelor of Science in Nursing (B.S.N.) (Applicable to Traditional Students Only)

The general education courses for the B.S.N. have been divided into six clusters. Some courses within the cluster may be required while others may be selected from a specific list of courses.

**Cluster I** Mathematical/Physical/Life Sciences (26 credit hours required)

- PHSL P130 Human Biology (4 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)
- CHEM C110 The Chemistry of Life (3 cr.)
- MATH M100 (4 cr.)
- BIOL M200 Microorganisms in Nature and Disease (4 cr.)
- PSY K300 Statistics (3 cr.)

**Cluster II** Communication (9 credit hours required)

- ENG W131 Elementary Composition (3 cr.)
- SPCH S121 Public Speaking (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)

**Cluster III** Cultural and Historical Diversity (6 credit hours required).

- Select 6 credit hours from the following (6 cr.)
  - Anthropology
  - History
  - Humanities courses promoting cultural understanding
  - Religious studies

**Cluster IV** Social Competence (6 credit hours required)

- SOC S161 Principles of Sociology (3 cr.)
- Select one of the following (3 cr.)
  - PSY P101 Introductory Psychology I
  - PSY P102 Introductory Psychology II

**Cluster V** Arts and Humanities (6 credit hours required)

- PHIL P393 Biomedical Ethics (3 cr.)
- A literature course (3 cr.)

**Cluster VI** Open credit (total of 3 credit hours)

- This area is unspecified. The course taken can be nursing or nonnursing and should reflect the student's study goals and program outcomes. These

courses could lead to a minor area of study (15-18 credit hours necessary for a minor).

Consult the student services coordinator for advice.

## Curriculum Plan for Traditional B.S.N. Students Freshman Year

- *Semester One*
  - Cultural Diversity Course (3 cr.)
  - SPCH S121 Public Speaking (3 cr.)
  - ENG W131 Elementary Composition (3 cr.)
  - PSY P101 or P102 Introductory Psychology (3 cr.)
  - PHSL P261 Human Anatomy and Physiology I (4 cr.)
- *Semester Two*
  - PHSL P262 Human Anatomy and Physiology II (4 cr.)
  - SOC S161 Principles of Sociology (3 cr.)
  - MATH M100 (4 cr.)
  - Literature course (3 cr.)
  - ENG W231 Professional Writing Skills (3 cr.)

## Sophomore Year

- *Semester Three*
  - BIOL M200 Microorganisms in Nature and Disease (4 cr.)
  - NURS B231 Communication for Health Care Professionals (3 cr.)
  - NURS B232 Introduction to the Discipline of Nursing Theory, Practice and Research (3 cr.)
  - NURS B244 Comprehensive Health Assessment (3 cr.)
  - NURS B245 Comprehensive Health Assessment: Practicum (1 cr.)
- *Semester Four*
  - PSY K300 Statistics (3 cr.)
  - NURS B230 Developmental Issues and Health (4 cr.)
  - NURS B233 Health and Wellness (3 cr.)
  - NURS B248 Science and Technology of Nursing (3 cr.)
  - NURS B249 Science and Technology of Nursing: Practicum (2 cr.)

## Junior Year

- *Semester Five - Select from the following options*
  - *Option 1*
    - NURS H351 Alterations in Neuro-Psychological Health (3 cr.)
    - NURS H352 Alterations in Neuro-Psychological Health: Practicum (2 cr.)
    - NURS H353 Alterations in Health I (3 cr.)
    - NURS H354 Alterations in Health I: Practicum (2 cr.)
    - NURS H365 Nursing Research (3 cr.)
  - *Option 2*



- NURS H363 The Developing Family and Child (4 cr.)
- NURS H364 Developing Family and Child: Practicum (2 cr.)
- NURS H353 Alterations in Health I (3 cr.)
- NURS H354 Alterations in Health I: Practicum (2 cr.)
- Cultural and Historical Studies course (3 cr.)
- *Semester Six - Select from the following options*
  - Option 1
    - NURS H361 Alterations in Health II (3 cr.)
    - NURS H362 Alterations in Health II: Practicum (2 cr.)
    - NURS H363 The Developing Family and Child (4 cr.)
    - NURS H364 Developing Family and Child: Practicum (2 cr.)
  - Option 2
    - NURS H351 Alterations in Neuro-Psychological Health (3 cr.)
    - NURS H352 Alterations in Neuro-Psychological Health: Practicum (2 cr.)
    - NURS H365 Nursing Research (3 cr.)
    - PHIL P393 Biomedical Ethics (3 cr.)

### Senior Year

- *Semester Seven - Select from the following options*
  - Option 1
    - NURS S470 Restorative Health Related to Multi-System Failures (3 cr.)
    - NURS S471 Restorative Health Related to Multi-System Failures: Practicum (2 cr.)
    - NURS S472 A Multi-System Approach to the Health of the Community (3 cr.)
    - NURS S473 A Multi-System Approach to the Health of the Community: Practicum (2 cr.)
    - NURS S484 Research Utilization Seminar (1 cr.)
    - Open elective (3 cr.)
  - Option 2
    - NURS S481 Nursing Management (3 cr.)
    - NURS S482 Nursing Management: Practicum (2 cr.)
    - NURS S483 Clinical Nursing Practice Capstone (3 cr.)
    - NURS S484 Research Utilization Seminar (1 cr.)
- *Semester Eight - Select from the following options*
  - Option 1
    - NURS S481 Nursing Management (3 cr.)
    - NURS S482 Nursing Management: Practicum (2 cr.)
    - NURS S483 Clinical Nursing Practice Capstone (3 cr.)

- NURS S485 Professional Growth and Empowerment (3 cr.)
- Option 2
  - NURS S470 Restorative Health Related to Multi-System Failures (3 cr.)
  - NURS S471 Restorative Health Related to Multi-System Failures: Practicum (2 cr.)
  - NURS S472 A Multi-System Approach to the Health of the Community (3 cr.)
  - NURS S473 A Multi-System Approach to the Health of the Community: Practicum (2 cr.)
  - NURS S485 Professional Growth and Empowerment (3 cr.)

### General-Education Requirements for the B.A./B.S. to B.S.N. Mobility Option

**Cluster I** Mathematical, Physical, and Life Sciences (26 credit hours required)

- PHSL P130 Human Biology (4 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)
- CHEM C110 The Chemistry of Life (3 cr.)
- BIOL M200 Microorganisms in Nature and Disease (4 cr.)
- PSY K300 Statistics (3 cr.)
- MATH M100 Basic Mathematics (4 cr.)

**Cluster II** Communication (9 credit hours required)

- ENG W131 Elementary Composition (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

**Cluster III** Cultural and Historical Studies (6 credit hours required)

- Select from the following:
  - Anthropology
  - History
  - Humanities courses promoting cultural understanding
  - Religious studies
  - Afro Studies
  - Women's and Gender Studies
  - Chicano Riqueno Studies

**Cluster IV** Social Competence (9 credit hours required)

- SOC S161 Principles of Sociology
- PSY P101 or P102 Introductory Psychology
- EDUC P214 or PSY P216 Life Span Development

**Cluster V** Humanistic Appreciation (6 credit hours required)

- PHIL P393 Biomedical Ethics (3 cr.)
- A literature course (3 cr.)

Consult the Coordinator of Student Services for advice.

### Curriculum Plan for B.A. / B.S. to B.S.N. Mobility Option

- *Summer Semester I*
  - B231 Communication for Health Care Professionals (3 cr.)
  - B232 Introduction to the Discipline of Nursing (3 cr.)
  - B244 Comprehensive Health Assessment (3 cr.)
  - B245 Comprehensive Health Assessment: Practicum (1 cr.)
- *Summer Semester II*
  - B233 Health and Wellness (3 cr.)
  - B248 Science and Technology of Nursing (3 cr.)
  - B249 Science and Technology of Nursing: Practicum (2 cr.)
- *Fall Semester*
  - Option 1
    - NURS H351 Alterations in Neuro-Psychological Health (3 cr.)
    - NURS H352 Alterations in Neuro-Psychological Health: Practicum (2 cr.)
    - NURS H353 Alterations in Health I (3 cr.)
    - NURS H354 Alterations in Health I: Practicum (2 cr.)
    - NURS H365 Nursing Research (3 cr.)
  - Option 2
    - NURS H363 The Developing Family and Child (4 cr.)
    - NURS H364 Developing Family and Child: Practicum (2 cr.)
    - NURS H353 Alterations in Health I (3 cr.)
    - NURS H354 Alterations in Health I: Practicum (2 cr.)
- *Spring Semester*
  - Option 1
    - NURS H361 Alterations in Health II (3 cr.)
    - NURS H362 Alterations in Health II: Practicum (2 cr.)
    - NURS H363 The Developing Family and Child (4 cr.)
    - NURS H364 Developing Family and Child: Practicum (2 cr.)
  - Option 2
    - NURS H361 Alterations in Health II (3 cr.)
    - NURS H362 Alterations in Health II: Practicum (2 cr.)
    - NURS H351 Alterations in Neuro-Psychological Health (3 cr.)
    - NURS H352 Alterations in Neuro-Psychological Health: Practicum (2 cr.)
    - NURS H365 Nursing Research (3 cr.)
- *Summer Semester I*

- S472 A Multi-System Approach to the Health of the Community (3 cr.)
- S473 A Multi-System Approach to the Health of the Community: Practicum (2 cr.)

- *Summer Semester II*
  - S470 Restorative Health Related to Multi-System Failures (3 cr.)
  - S471 Restorative Health Related to Multi-System Failures: Practicum (2 cr.)
  - S484 Research Utilization Seminar (1 cr.)
- *Fall Semester*
  - S481 Nursing Management (3 cr.)
  - S482 Nursing Management: Practicum (2 cr.)
  - S483 Clinical Nursing Practice Capstone (3 cr.)
  - S485 Professional Growth and Empowerment (3 cr.)

## Minor in Public Health

The College of Health and Human Services, in collaboration with other schools and departments, offers courses leading to an interdisciplinary minor in Urban Public Health. This minor leads to a broad understanding of public health principles and their application in an urban context; exposure to issues such as environmental health and justice, public health preparedness, and healthcare structures and policy; as well as an understanding of the urban community in general. Students will be introduced to the roles and functions of public health science and practice.

### Requirements (15 cr. hr.)

- PBHL P201 Introduction to Public Health in the Urban Environment (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)
- AFRO A206 The Urban Community (3 cr.)
- and 2 additional courses (6 credit hours) selected in consultation with a departmental advisor

**PBHL–P 201 Introduction to Public Health in the Urban Environment (3 cr.)** Course exposes students to public health principles, and their application in an urban context. Topics include the population health approach, environmental health and justice, social and behavioral sciences, public health preparedness, healthcare structures and policy. Students will be introduced to the roles and functions of public health science and practice (Fall/Spring).

## School of Public and Environmental Affairs

### Administrative Officer

Barbara Peat, Ph.D.,

**Web site:** [www.iun.edu/~speanw/](http://www.iun.edu/~speanw/) **Phone:** (219) 980-6695

### About the School of Public and Environmental Affairs

The Trustees of Indiana University established the School of Public and Environmental Affairs (SPEA) as a statewide program of the university in January 1972.

The School of Public and Environmental Affairs at IU Northwest offers academic programs at the associate, baccalaureate, and master's degree levels for both regular IU Northwest students and for individuals presently working in public affairs, criminal justice, health services, human services, or environmental affairs settings. The division also operates a unit designed to address a variety of public issues and problems, in particular those of northwest Indiana. The Great Lakes Center for Public Affairs and Administration conducts research on public problems, provides services to public agencies, and engages in educational programs designed to aid public officials and to inform the public on a variety of public issues.

## Policies

The general regulations and policies detailed in this bulletin apply to all students in the division.

### Correspondence Study

A limited amount of credit earned through correspondence study may be applied toward the Associate of Science and Bachelor of Science degrees, with permission of the student's faculty advisor.

### Concentration Declaration

The student must declare a concentration prior to the beginning of the junior year for the baccalaureate degree and will be expected to meet the requirements for that concentration. The concentration selection may be changed at the beginning of any semester after that; however, the student is responsible for checking the concentration requirements and scheduled offerings when a concentration is changed late in a program.

## Public Service Internship Program

The Public Service Internship Program involves participation by undergraduate students. Undergraduate students enroll in SPEA V380 Internship in Public Affairs or SPEA 1380 Internship in Criminal Justice. Full-time assignment in a public service internship for one semester is acknowledged up to 6 credit hours. Internship credit is recommended for preservice undergraduate students. In the undergraduate program, a maximum of 15 credit hours is allowed for participation in off-campus experiences.

Internship possibilities are developed by the school and involve specific job descriptions from public and private agencies willing to involve students in significant professional activities in public and environmental affairs. In all cases, specific job details and descriptions of supervisory capacity of the agencies must be filed before credit may be arranged. No off-campus experiences are approved for credit unless the necessary information is filed and approved before the assignment begins. Information can be obtained from the School of Public and Environmental Affairs at IU Northwest.

While the internship program is intended for students enrolled in the School of Public and Environmental Affairs, students in related disciplines who have an interest in the public sector and meet eligibility requirements may be considered for admission on a provisional basis.

## Radiological Sciences Programs

### Administrative Officers

Arlene Adler, M.Ed., R.T.(R), FAEIRS,

Robin J. Jones, M.S., R.T.(R),

**Web site:** [www.iun.edu/~radnw/](http://www.iun.edu/~radnw/)

**Phone:** (219) 980-6899

### About the Radiological Sciences Programs

Within the Department of Radiologic Sciences, interested students can obtain an Associate of Science Degree in Radiography or a Bachelor of Science Degree in Radiologic Sciences. The AS Radiography Program prepares students to be radiographers in the health care environment. Radiographers are experts in the performance of examinations requiring the use of X-rays and highly complex machinery to produce a quality X-ray (radiograph) of the internal parts of the body for interpretation by a medical doctor (radiologist).

The BS degree in Radiologic Sciences offers individuals the opportunity to pursue three separate concentrations—an advanced clinical/health management concentration for the associate degree radiographer, diagnostic medical sonography, or radiation therapy. The diagnostic medical sonography and radiation therapy programs are open to individuals with either a health professional AS degree background or a non-health professions background.

Among the options for advanced clinical experience for the radiographer, are careers in cardiovascular interventional technology, computed tomography (CT) and magnetic resonance imaging (MRI). Cardiovascular interventional technologists assist physicians in performing diagnostic and therapeutic procedures of the cardiovascular system. These procedures involve the injection of iodinated contrast media to demonstrate diseases of the heart and blood vessels. Computed tomography (CT) technologists produce images of selected planes of the body by combining the use of an X-ray beam and a computer. Magnetic resonance imaging (MRI) technologists utilize a magnetic field along with radio waves to create images of patients' anatomy for interpretation by a physician.

Diagnostic medical sonographers are concerned with the proper operation of the ultrasound equipment and preparation of patients for various types of diagnostic procedures. Upon request of a physician, they examine various parts of the body by using sound waves.

Radiation therapists use different forms of ionizing radiation for the treatment of benign and malignant tumors. They administer the prescribed dose of ionizing radiation to specific sites of the patient's body as directed by the physician.

## Associate of Science in Radiography

About the A.S. in Radiography Degree

### About the A.S. in Radiography

Radiology is a science involving the medical use of X-rays, radium, and radioactive isotopes in the diagnosis and treatment of disease. Radiographers are essential members of the health care team. They are experts in the performance of examinations requiring the use of X-rays and highly complex machinery to produce a quality X-ray image (radiograph) of the internal parts of the body for interpretation by a medical doctor (radiologist).

Radiographers find employment possibilities in various medical settings ranging from doctors' offices to large medical centers. In addition, some seek employment in industry or in the marketing and sales of X-ray products.

### Length of the Program

24 months beginning in May. Professional course work begins each July (summer session II).

### Structure of the Program

The Radiography Program is a full-time day program involving classroom and laboratory experiences on campus and clinical experiences at local hospitals.

### Design of the Professional Curriculum

The curriculum follows a pattern designed to train the student to become adept in the performance of diagnostic radiologic procedures. Courses in radiologic principles, radiographic procedures, clinical application of theory, and general education are included in the curriculum.

The Associate Degree Radiography Program offered by Indiana University Northwest is designed to prepare students for professional careers as radiographers in the medical field. By providing pertinent learning experiences, the program faculty strives to develop students' interests in lifelong learning through the professional societies and continuing education. The curriculum is designed in accordance with the guidelines established by the American Society of Radiologic Technologists.

The Radiography Program has set forth the following goals:

1. To graduate radiographers who demonstrate
  - a. Clinical competence;
  - b. Effective communication skills;
  - c. Critical thinking and problem solving skills; and
  - d. Professional values.
2. To provide the medical community with individuals qualified to perform radiographic procedures.
3. To involve students in professional continuing education activities in an effort to instill a desire for life long learning.
4. To involve the student in the community we serve.

### Opportunities for Students to Work

Students often seek employment in part-time positions outside the program. These positions cannot interfere with clinical and class schedules and must be balanced with necessary study time.

### Program Facilities

The Radiography Program offices and classrooms are located in the Dunes Medical/ Professional Building at IU Northwest.

### Location of Clinicals

Clinical experiences occur in local hospitals, including the Community Hospital in Munster; LaPorte Hospital in LaPorte; Methodist Hospital of Gary, Inc., in Gary and Merrillville; Porter Hospital in Valparaiso; St. Anthony Medical Center in Crown Point; St. Anthony Memorial Health Centers in Michigan City; St. Margaret Mercy Healthcare Centers in Hammond; and St. Mary Medical Center in Hobart.

### Additional Costs

In addition to regular university tuition and fees, students should expect to pay program-related expenses such as books, uniforms, physical examination, lead markers, and radiation monitoring.

### Accreditation

The Radiography Program is fully accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite 2850, Chicago, IL 60606--3182; phone: (312) 704-5300; www.jrcert.org.

### Admission Policies

Students may apply for admission to the Radiography Program after qualifying for regular admission to Indiana University. Admission to the professional program is competitive; therefore, completion of the application does not guarantee admission to the program.

### Criteria Used for Class Selection

Admission to the program is based upon each applicant's high school and college course work and a personal interview.

### Class Size

Approximately 40-45 students each May (beginning professional course work in summer session II).

### Specific Requirements

In addition to the College of Health and Human Services admission policies and procedures, the following apply to the Radiography Program at IU Northwest:

### Application Deadline

February 1 of the year of anticipated entry.

### Total Number of Prerequisite Credit Hours

To be eligible for admission, applicants should have completed high school courses in algebra, geometry, biology, and English. In addition, physics, chemistry, and computer science are recommended. Prior to beginning professional course work, all students must complete the program's math and English requirement with a C (2.0) or higher. In addition, students are encouraged to complete the Arts and Science course work required for the degree.

### Limitations of Course Work

Remedial course work does not count as credit hours toward the degree or for purposes of calculation of a grade point average during the admission process.

### Minimum Cumulative Grade Point Average

A high school grade point average of 3.0 or a college grade point average of 2.0 on a 4.0 scale is required for admission into the Radiography Program. The college grade point average will be used if the applicant has completed a minimum of 12 credit hours with at least one math or science course on the transcript. The program

admissions committee implements this requirement when the incoming class of students is selected from the applicant pool.

### Interview

An interview is required for admission. However, if the number of applications to the program far exceeds the number of positions available, the program admissions committee reserves the right to limit the number of applicants interviewed. Interviews will be scheduled during the spring semester.

### High School Applicants

Check with your school to see if you can earn college credit while in high school to complete the two prerequisite courses.

### Essential Abilities

Students must meet the list of essential abilities (technical standards) for admission to the program. The list of essential abilities is mailed to all program applicants.

### Health Requirements

Students are required to show proof that they have met the immunization, physical examination and laboratory examination requirements for the program as well as CPR certification. Specific information is provided to all accepted students prior to enrolling in clinical course work.

### Criminal History Check

A criminal history check is required prior to beginning clinical experience. A positive background check may make a student ineligible for clinical course work.

### Drug Screening Policy

Students may be required to have a drug screen prior to attending clinical experience or it may be required on demand under certain situations in the clinical site. A positive drug screen will result in removal from the clinical site and possible dismissal from the program.

### Volunteer Experience

While volunteer experience is not required; it is very helpful in making a career choice.

### Curriculum Prerequisites

Prior to beginning professional course work, all students must complete the program's math and English requirement with a C (2.0) or better. Students may earn up to 6 hours of Indiana University credit by correspondence toward fulfilling the requirements for the associate degree. Students are encouraged to seek advising prior to enrolling in course work. The faculty retain the right to determine acceptability of course work taken by nontraditional methods outside of Indiana University to meet degree requirements.

### Total Number of Prerequisite Credit Hours

To be eligible for admission, applicants should have completed high school courses in algebra, geometry, biology, and English. In addition, physics, chemistry, and computer science are recommended. Prior to beginning professional course work, all students must complete the program's math and English requirement with a C (2.0) or higher.

### Professional Program

Courses in the professional program are sequential and, therefore, must be taken in the order specified by the program faculty.

### Awards

The program faculty will recommend to the university graduating students with superior academic performance for degrees awarded with distinction. Also, the program may recognize students with outstanding academic and clinical achievement during their professional program at the time of graduation.

### Scholarships

For information on scholarships and grants, students should contact the Financial Aid Office. Some hospitals offer financial assistance for students pursuing radiography. Contact the program faculty for further information.

### Graduation Requirements

Satisfactory completion of 76/77 credit hours to include 23/24 credit hours of prerequisite and general education courses and 52 credit hours of professional courses. All course work must be completed in compliance with the program's and school's academic and professional policies. Upon successful completion of the program, students are eligible to take the examination of the American Registry of Radiologic Technologists (AART) ([www.arrt.org](http://www.arrt.org)).

### Radiography Curriculum

Two-Year Semester Sequence

#### Summer Session II

- MATH M100 /M119 College Level Mathematics\* (3-4 cr.)
- ENG W131 Elementary Composition\* (3 cr.)

Total (6-7 cr.)

#### Summer Session II

- RADS R100 Orientation to Radiologic Technology\* (2 cr.)
- RADS R103 Introduction to Clinical Radiography\* (2 cr.)
- RADS R181 Clinical Experience I\* (1 cr.)
- RADS R185 Medical Terminology\* (1 cr.)

Total (6 cr.)

#### Fall Semester

- RADS R101 Radiographic Procedures\* (3 cr.)
- RADS R102 Principles of Radiography I\* (3 cr.)
- RADS R182 Clinical Experience II\* (4 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)

Total (14 cr.)

#### Spring Semester

- RADS R201 Radiographic Procedures II\* (3 cr.)
- RADS R202 Principles of Radiography II\* (3 cr.)
- RADS R281 Clinical Experience III\* (4 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)

Total (14 cr.)

### Summer Sessions

- RADS R282 Clinical Experience IV\* (4 cr.)

Total (4 cr.)

### Fall Semester

- RADS R205 Radiographic Procedures III\* (3 cr.)
- RADS R222 Principles of Radiography III\* (3 cr.)
- RADS R250 Physics Applied to Radiology\* (3 cr.)
- RADS R283 Clinical Experience V\* (4 cr.)
- CSCI A106 Introduction to Computing (3 cr.)

Total (16 cr.)

### Spring Semester

- RADS R260 Radiobiology and Protection\* (3 cr.)
- RADS R200 Pathology\* (3 cr.)
- RADS R290 Comprehensive Experience\* (4 cr.)
- PSY P101 Introductory Psychology (3 cr.)
- SPCH S121 / SPCH S122 Oral Communication Requirement (3 cr.)

Total (16 cr.)

\*Core Course requires a C (2.0) or better

Total Credit Hours (76 / 77 cr.)

## Bachelor of Science - Radiological Sciences

### About the Bachelor of Science - Radiological Sciences

The B.S. degree in Radiologic Sciences offers individuals the opportunity to pursue three separate concentrations—advanced clinical/health management concentration for the associate degree radiographer, diagnostic medical sonography, and radiation therapy. Diagnostic medical sonography and radiation therapy are open to individuals with either a health professional A.S. degree background or a non-health professions background.

### Program Mission and Goals

The BS Program in Radiologic Sciences is designed to prepare graduates for professional careers in the medical field. The program has set forth the following goals:

1. To graduate professionals who demonstrate: a) clinical competence, b) effective communication skills, c) critical thinking and problem solving skills, d) and professional values.
2. To provide the medical community with radiographers qualified to perform advanced procedures in cardiovascular interventional technology, computed tomography, magnetic resonance imaging technology and/or picture archiving and communication systems and individuals with entry level skills in diagnostic medical sonography and radiation therapy.
3. To involve students in professional continuing education activities in an effort to instill a desire for lifelong learning.
4. To involve the student in the community we serve.

## Clinical / Health Management Concentration for Radiographers

Within the radiologic sciences profession there is a need for qualified radiographers with the advanced skills necessary to provide patient services in cardiovascular interventional technology, computed tomography, and magnetic resonance imaging. These professionals require unique skills specific to the specialty. Cardiovascular interventional technologists assist physicians in performing diagnostic and therapeutic procedures of the cardiovascular system. These procedures involve the injection of iodinated contrast media to demonstrate diseases of the heart and blood vessels. Computed tomography (CT) technologists image selected planes of the body by combining the use of an X-ray beam and a computer. Magnetic resonance imaging (MRI) technologists utilize a magnetic field along with radio waves to create images of patients' anatomy for interpretation by a physician.

The Bachelor of Science Program in Radiologic Sciences is designed to prepare qualified radiographers with the skills to provide patient services in cardiovascular interventional technology, computed tomography, and magnetic resonance imaging. Students receive a theoretical foundation in all these specialties and select a clinical/health management concentration.

### Graduates of the Program

Graduates receive a Bachelor of Science degree and are eligible to take specialty examinations depending on their clinical concentration.

### Credentials Required to Practice

R.T.(R) (ARRT) Registered Radiographer.

### Indiana Certification Requirements

State certification is required to operate an X-ray machine. The state accepts the ARRT Registry for certification.

### Length of the Program

A new class begins the professional course work in the fall semester and completes the professional year at the end of the following spring semester.

### Structure of the Professional Program

Classes are held during the day. Clinical experience is scheduled in cooperation with the clinical site with most experience during normal daytime hours.

### Design of the Professional Curriculum

Lectures and clinical experiences are integrated throughout the two semesters.

### Opportunity for Students to Work

Students may be employed as radiographers at local area hospitals. Students may find full-time employment during the professional year difficult.

### Description of Facilities

The radiologic sciences classroom and offices are located in the Dunes Medical/ Professional Building at IU Northwest. Clinical experience is provided at local area hospitals.

## Admission Policies

### General Information

Admission to the professional year is competitive. Students are selected based on their previous academic background, a personal interview, and evidence of registration or registration eligibility with the American Registry of Radiologic Technologists (ARRT). Students will need to select an area of clinical or health management concentrations. There are a limited number of spaces available in each clinical concentration.

### Class Size

Class size is restricted by the number of clinical sites available. An attempt will be made to place all qualified applicants.

### Specific Requirements

The following admission policies, in addition to the CHHS admission policies, apply to the Clinical/Health Management concentration.

### Application Deadline

February 1 of the year the student wishes to begin the professional year.

### Total Number of Prerequisite Credit Hours

92 credit hours.

### Limitations of Course Work

Remedial course work will not count as credit hours toward the degree or for purposes of calculation of a grade point average during the admission process.

### Minimum Cumulative Grade Point Average

2.3 on a 4.0 scale at the time of the interview.

### Minimum Grade Requirement in a Stated Prerequisite

C (2.0 on a 4.0 scale).

### Interview

Qualified applicants may be asked to participate in an interview.

### Essential Abilities

Students must meet the list of essential abilities (technical standards) for admission to the program. The list of essential abilities is mailed to all program applicants.

### Health Requirements

Students are required to show proof that they have met the immunization, physical examination and laboratory examination requirements for the program as well as CPR certification. Specific information is provided to all accepted students prior to enrolling in clinical course work.

### Criminal History Check

A criminal history check is required prior to beginning clinical experience. A positive background check may make a student ineligible for clinical course work.

### Drug Screening Policy

Students may be required to have a drug screen prior to attending clinical experience or it may be required on demand under certain situations in the clinical site. A positive drug screen will result in removal from the clinical site and possible dismissal from the program.

## Experience

While radiography experience beyond the initial radiography program is not required, it is recommended.

## Concentration Course Work Options

The Clinical Concentration prepares qualified radiographers for advanced skills in 1) cardiovascular interventional technology, 2) computed tomography, and 3) magnetic resonance imaging technology. The Health Management Concentration helps prepare radiographers for supervisory roles within the health care environment.

Students receive a theoretical foundation in these advanced imaging specialties and then select a clinical concentration and / or a health management concentration. Clinical experience is obtained at local hospitals throughout northwest Indiana. Health management concentration course work is offered through the School of Public and Environmental Affairs (SPEA).

Students may select from any of the following courses to complete their 12 credit hours of concentration course work. Students interested in advanced clinical skills are encouraged to enroll in the Clinical Concentration courses. For every 1 credit hour of clinical course work, students spend 60 hours per semester in the clinical environment learning the advanced skills. Students interested in supervisory roles are encouraged to take 12 credit hours of the health management concentration course work. Students may elect to combine these two concentrations to equal 12 credit hours total.

### Clinical Concentration Courses (0-12 Credit Hours Total)

- R481 Clinical Practicum: Vascular Imaging (1-12 cr).
- R482 Clinical Practicum: Computed Tomography (1-12 cr.)
- R483 Clinical Practicum: Magnetic Resonance Imaging (1-12 cr.)

## Curriculum

### Prerequisites

Prior to entering the program, students must complete the following minimum prerequisites. Prerequisites may be taken at any accredited college or university. The code (G) indicates a course that meets the school's general-education requirements.

- Oral communication (G) (3 cr.) S121
- Written communication (G) (6 cr.) (W131 and second intensive writing course)
- Arts and Humanities electives (G) (6 cr.)
- Cultural and Historical Studies electives (G) (6 cr.)
- Social/Behavioral science elective (G) (3 cr.)
- Introductory psychology (G) (3 cr.)
- Computer science elective (3 cr.)
- College-level mathematics (G) (3-5 cr.)
- Statistics course (G) (3 cr.)
- Human anatomy and physiology with lab (G)(8 cr.)
- Professional radiography course work (40-48 cr.)

Total (92 cr.)

### Special Credit/Transfer Policy

Students seeking to transfer credit or receive special credit for radiography course work taken in a non-credit-awarding radiography program that has been accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) ([www.jrcert.org](http://www.jrcert.org)) should contact the program director for additional information and counseling.

### Professional Program

The professional program consists of 30 credit hours of 400-level courses.

Courses in the professional senior year are sequential. Therefore, the following courses must be taken on a full-time basis in the order specified by the program faculty.

- Fall Semester
  - AHLT R404 Sectional Imaging Anatomy (3 cr.)
  - AHLT R405 Advanced Diagnostic Imaging I (3 cr.)
  - AHLT R408 Topics in Radiologic Sciences (3 cr.)
  - Concentration Course Work (6 cr.)
- Spring Semester
  - AHLT R406 Advanced Diagnostic Imaging II (3 cr.)
  - AHLT R414 Sectional Imaging Pathology (3 cr.)
  - AHLT R409 Senior Project in Medical Imaging Technology (3 cr.)
  - Concentration Course Work (6 cr.)

Total (30 cr.)

### Graduation Requirements

Satisfactory completion of 122 credit hours to include 92 credit hours of prerequisite and general-education courses and 30 credit hours of professional courses.

All professional courses must be completed with a C (2.0) or higher. All course work must be completed in compliance with the program's and school's academic and professional policies.

## Diagnostic Medical Sonography Concentration

### Description of the Profession

Within the radiologic sciences profession, there is a need for qualified diagnostic medical sonographers. These professionals require unique skills specific to the field of ultrasonography. Under the direction of a radiologist, the diagnostic medical sonographer is concerned with the proper operation of the ultrasound equipment and preparation of patients for various types of diagnostic procedures.

Upon request of a physician, the diagnostic medical sonographer examines various parts of the body by using sound waves. This imaging technique may reveal evidence of disease, injury, or other significant medical information.

### Graduates of the Program

Graduates receive a Bachelor of Science degree and are eligible to take the Sonography Principles and Instrumentation, Abdomen /Small Parts, and OB/Gyn

exams offered by the American Registry of Diagnostic Medical Sonography (ARDMS).

### Length of the Program

A new class begins the professional course work in summer session II for non-health care students and in the fall semester for the health care student. This program will complete their professional portion at the end of the following fall semester.

### Structure of the Professional Program

Classes are held during the day. Clinical experience is scheduled in cooperation with the clinical site and are also during normal daytime hours.

### Design of the Professional Curriculum

Lectures, lab, and clinical experiences are integrated throughout the program.

### Opportunity for Students to Work

Students may find full-time employment during the professional year difficult.

### Description of Facilities

The classroom and offices of the Radiologic Sciences—DMS Concentration Program are located in the Dunes Medical/ Professional Building at IU Northwest. Clinical experience is provided at local hospitals.

Admission Policies  
Curriculum

### Admission Policies

Admission to the professional year is competitive. Students are selected based on their previous academic background, a personal interview, and evidence of registration if applying under the health care professional background.

### Class Size

Class size is restricted by the number of clinical sites available.

### Specific Requirements

The following admission policies apply to the Diagnostic Medical Sonography Program, in addition to the CHHS admission policies.

### Application Deadline

February 1 of the year the student wishes to begin the professional year.

### Total Number of Prerequisite Credit Hours

72 credit hours

### Limitations of Course Work

Remedial course work will not count as credit hours toward the degree or for purposes of calculation of a grade point average during the admission process.

### Minimum Cumulative Grade Point Average

2.3 on a 4.0 scale at the time of the interview.

### Minimum Grade Requirement in a Stated Prerequisite

C (2.0 on a 4.0 scale)

### Interview

All qualified applicants must participate in an interview. Interviews are held in May.



**Essential Abilities**

Students must meet the list of essential abilities (technical standards) for admission to the program. The list of essential abilities is mailed to all program applicants.

**Health Requirements**

Students are required to show proof that they have met the immunization, physical examination and laboratory examination requirements for the program as well as CPR certification. Specific information is provided to all accepted students prior to enrolling in clinical course work.

**Criminal History Check**

A criminal history check is required prior to beginning clinical experience. A positive background check may make a student ineligible for clinical course work.

**Drug Screening Policy**

Students may be required to have a drug screen prior to attending clinical experience or it may be required on demand under certain situations in the clinical site. A positive drug screen will result in removal from the clinical site and possible dismissal from the program.

**Curriculum****Prerequisites**

Prior to entering the program, students must complete the following minimum prerequisites. Prerequisites may be taken at any accredited college or university. The code (G) indicates a course that meets the campus general-education requirements.

- Oral communication (G) (3 cr.) (S121)
- Written communication (G) (6 cr.) (W131 and second intensive writing course)
- Arts and Humanities electives (G) (6 cr.)
- Cultural and Historical Studies electives (G) (6 cr.)
- Introductory psychology (G) (3 cr.)
- Social/Behavioral science elective (3 cr.)
- Computer science elective (G) (3 cr.)
- College-level mathematics (G) (3-4 cr.)
- Statistics course (G) (3 cr.)
- Human anatomy and physiology with lab (G) (8 cr.)
- General or radiologic physics (3 cr.)
- Health Professions course work or electives

**Total minimum number of credit hours - 72**

**Diagnostic Medical Sonography Curriculum****Summer Semester II (Non-Health Professionals Only)**

RADS R100 Orientation to Radiologic Technology (2 cr.)

RADS R185 Medical Terminology (1 cr.)

Total 3 cr.

**Fall Semester**

RADS R404 Sectional Imaging Anatomy (3 cr.)

RADS R408 Topics in Radiologic Sciences (3 cr.)

RADS R490 Fundamentals of Ultrasound (4 cr.)

Total 10 cr.

**Spring Semester**

RADS R491 DMS Imaging-Abdomen/Sm Pts (5 cr.)

RADS R492 DMS Imaging-OB/Gyne (5 cr.)

RADS R494 DMS Clinical Practicum I (6 cr.)

Total 16 cr.

**Summer Semester**

RADS R495 DMS Clinical Practicum II (6 cr.)

Total 6 cr.

**Fall Semester**

RADS R409 Senior Project in Medical Imaging Tech. (3 cr.)

RADS R493 Ultrasound Physics (4 cr.)

RADS R496 DMS Clinical Practicum III (8 cr.)

Total 15 cr.

**TOTAL 50 cr.**

**Graduation Requirements**

Satisfactory Completion of 122 credit hours to include 72 credit hours of prerequisite and general-education courses and 50 credit hours of professional courses. All professional courses must be completed in compliance with the program's and school's academic and professional policies.

**Radiation Therapy Concentration**

The educational program in radiation therapy accepts students every other year (odd years).

**Description of the Profession**

Radiation therapy involves the use of different forms of ionizing radiation for the treatment of benign and malignant tumors. Radiation therapists administer the prescribed dose of ionizing radiation to specific sites of the patient's body as directed by the physician. They operate varied types of equipment, including high energy linear accelerators, and work with radioactive materials. In addition, radiation therapists observe the clinical progress of the patient undergoing radiation therapy.

**Graduates of the Program**

The Radiation Therapy Program is designed to prepare graduates to meet the scope of practice standards for radiation therapy. Upon completion of the program, graduates are eligible to take the radiation therapy certification examination given by the American Registry of Radiologic Technologists (ARRT). Having successfully passed this exam, certificate holders are classified as registered radiation therapists, R.T.(T) (ARRT). State certification is required to operate radiation therapy equipment. The state accepts the ARRT Registry for certification.

**Length of the Program**

The radiation therapy program is a four-year baccalaureate degree program composed of 54 credit hours of prerequisite and general education requirements and a professional core in the junior and senior years of 68 credit hours.

**Design of the Professional Curriculum**

The curriculum follows a pattern that trains the student to become skilled in the performance of radiation therapy procedures. Courses in radiologic principles, technical courses in radiation therapy, clinical application of theory, and general education are included in the curriculum. Lectures, lab, and clinical experiences are integrated throughout the program.

**Structure of the Professional program**

Classes are held during the day. Clinical experience is scheduled in cooperation with the clinical site with experience during normal daytime hours.

**Opportunity for Students to Work**

Students may find full-time employment during the professional program difficult.

**Description of Facilities**

The Radiation Therapy Program offices and classrooms are located in the Dunes Medical/ Professional Building at IU Northwest. Clinical experiences have been planned in local hospitals, including the Community Hospital in Munster; Ingalls Hospital in Harvey, Illinois; LaPorte Hospital and Health Services in LaPorte; Memorial Hospital in South Bend; Methodist Hospital of Gary, Inc., in Merrillville; and St. Margaret Mercy Healthcare Center in Hammond.

**Accreditation**

The Radiation Therapy Program is approved by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 900, Chicago, IL 60606-3182; phone (312) 704-5300; www.jrcert.org.

**Admission Policies****General Information**

Students may apply for admission to the Radiation Therapy Program after qualifying for regular admission to Indiana University.

**Criteria Used for Selection of Class**

Admission to the program is based upon each applicant's high school or college course work and a personal interview.

**Class Size**

Class size is restricted by the number of clinical sites available.

**Specific Requirements**

The following admission policies apply to the Radiation Therapy Program, in addition to the CHHS admissions policies.

**Application Deadline**

February 1 of the year the student wishes to begin the professional year.

**Total number of Prerequisite Credit Hours**

54 credit hours

**Limitations of Course Work**

Remedial course work will not count as credit hours toward the degree or for the purposes of calculation of a grade point average during the admission process.

**Minimum Cumulative Grade Point Average**

2.3 on a 4.0 scale. This requirement is applied at the time of interview.

**Minimum Grade Requirement in a stated Prerequisite**

C (2.0 on a 4.0 scale)

**Interview**

A personal interview is required. If, however, the number of applications to the program far exceeds the number of positions available, the program's admission committee

reserves the right to limit the number of applicants to be interviewed to two times the number of positions available in the class.

**Essential Abilities**

Students must meet the list of essential abilities (technical standards) for admission to the program. The list of essential abilities is mailed to all program applicants.

**Health Requirements**

Students are required to show proof that they have met the immunization, physical examination and laboratory examination requirements for the program as well as CPR certification. Specific information is provided to all accepted students prior to enrolling in clinical course.

**Criminal History Check**

A criminal history check is required prior to beginning clinical experience. A positive background check may make a student ineligible for clinical course work.

**Drug Screening Policy**

Students may be required to have a drug screen prior to attending clinical experience or it may be required on demand under certain situations in the clinical site. A positive drug screen will result in removal from the clinical site and possible dismissal from the program.

**Volunteer Experience**

The student is encouraged to observe in a radiation oncology facility prior to the interview.#

**Curriculum****Prerequisites**

Prior to entering the program, students must complete the following minimum prerequisites. Prerequisites may be taken at any accredited college or university. The code (G) indicates a course that meets the school's general-education requirements.

- Oral communication (G) (3 cr.) (S121)
- Written communication (G) (6 cr.)(W131 and second intensive writing course)
- Arts and Humanities electives (G) (6 cr.)
- Cultural and Historical Studies electives (G) (6 cr.)
- Social/Behavioral science elective (G) (3 cr.)
- Introductory psychology (G) (3 cr.)
- Computer science elective (3 cr.)
- College-level mathematics (G) (3-4 cr.)
- Statistics course (G) (3 cr.)
- Human anatomy and physiology with lab (G) (8 cr.)
- Professional radiography course work (40-48 cr.)

**Total minimum number of credit hours - 54 cr.****Special Credit/Transfer Policy**

Students seeking to transfer credit or receive special credit for radiography course work taken in a non-credit-awarding radiography program that has been accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) (www.jrcert.org) should contact the program director for additional information and advising.

**Radiation Therapy Curriculum****Summer Session II (for Non-Radiographers only)**

RADS R100 Orientation to Radiologic Technology (2 cr.)  
 RADS R185 Medical Terminology (1 cr.)  
 RADS R181 Clinical Experience in Radiography I (1 cr.)

Total 4 cr.

### Fall Semester

RADS R250 Physics Applied to Radiology (3 cr.)  
 RADS J205 Medical Imaging Anatomy (2 cr.)  
 RADS J301 Orientation to Radiation Oncology (4 cr.)  
 RADS J304 Radiation Oncology Patient Care (2 cr.)  
 RADS J350 Clinical Experience I (4 cr.)  
 Total 15 cr.

### Spring Semester

RADS R200 Pathology (3 cr.)  
 RADS R260 Radiation Biology and Protection (3 cr.)  
 RADS J302 Radiation Oncology Techniques (3 cr.)  
 RADS J351 Clinical Practicum II (4 cr.)  
 Total 13 cr.

### Summer Semester

RADS J402 Radiation Oncology Techniques II (3 cr.)  
 RADS J450 Clinical Practicum III (4 cr.)  
 Total 7 cr.

### Fall Semester

RADS J303 Clinical Oncology I (3 cr.)  
 RADS J305 Clinical Dosimetry (3 cr.)  
 RADS J400 Physics of Radiation Oncology (3 cr.)  
 RADS J451 Clinical Practicum IV (4 cr.)  
 Total 13 cr.

### Spring Semester

RADS J401 Physics of Radiation Oncology II (3 cr.)  
 RADS J403 Clinical Oncology II (3cr.)  
 RADS J404 Quality Management in Radiation Oncology\* (3 cr.)  
 RADS J409 Senior Project in Radiation Oncology (3 cr.)  
 RADS J452 Clinical Practicum V (4 cr.)  
 Total 16 cr.

**Total Credit Hours for Concentration - 68 cr.**

### Graduation Requirements

Satisfactory completion of 122 credit hours to include 54 credit hours of prerequisite and general-education courses and 68 credit hours of professional courses. All professional courses must be completed with a C (2.0) or higher. All course work must be completed in compliance with the program's and school's academic and professional policies.

## Division of Social Work

### Administrative Officer

Darlene Lynch, Ph.D., LCSW.

**Web site:** [www.iun.edu/~socialwk/](http://www.iun.edu/~socialwk/)

**Phone:** (219) 980-7111

### About the Division of Social Work

In recognition of the time and geographic constraints of many students who seek professional social work education, the Indiana University School of Social Work offers several programs of study leading to the 60 credit hour M.S.W. degree. On the Indiana University Northwest campus both a three year part time evening program and a two year part time advanced standing programs are available. (The advanced standing is designed for students with a strong academic record who have earned a Bachelor of Social Work (B.S.W.) degree

from a program accredited by the Council on Social Work Education.) Students must complete their M.S.W. within five years of their B.S.W. graduation. Various full time, Saturday, and part time day M.S.W. programs are also available on other Indiana University campuses (Indianapolis, Richmond, South Bend, Fort Wayne).

The general goal of the programs is preparation for advanced social work practice. In addition to generalist knowledge and skills, the programs provide an opportunity for development of special competence in child welfare, health, leadership, and mental health and addictions, and school social work. Educational resources for students in the program include a substantial library, an audiovisual center, student computer modules, and diversified field instruction settings throughout the state.

### General Information

The Division of Social Work is a collaborative effort of the Indiana University School of Social Work and Indiana University Northwest. As part of the School of Social Work, the IUN program is accredited by the Council on Social Work Education. The division offers the Master of Social Work on a three-year or four-year part-time schedule designed to meet the needs of working professionals in Northwest Indiana.

### Vision

The MSW Program of the Indiana University School of Social Work aspires to become an *data informed, continuously learning community* where students, community members, professionals from diverse disciplines, and faculty engage independently and collaboratively in education, service, and research activities intended to enhance the quality of health care and social services to the people of Indiana, the United States, and throughout the world.

### Mission

The primary mission of the Indiana University School of Social Work MSW program is to educate students to be critical thinking, research informed, continuously learning, ethical, and effective social workers prepared for practice in the context of social, economic, and political fluidity; growing wealth disparity; climate change; globalization; increasing demographic diversity; and accelerating growth in knowledge and technology. Among the more important are adaptability, flexibility, and the ability to "learn, unlearn, and relearn" to respond to the constancy of change.

### Policy on Nondiscrimination

Based on the tradition of the social work profession and consistent with Indiana University's Equal Opportunity Policy, the Indiana University School of Social Work affirms and conducts all aspects of its teaching, scholarship, and service activities without discrimination on the basis of race, color, gender, socio-economic status, marital status, national or ethnic origin, age, religion or creed, disability, and political or sexual orientation.

The School of Social Work has a strong commitment to diversity and nondiscrimination. Indeed, diversity is celebrated as a strength. This perspective is demonstrated by the composition of its faculty and student body, curriculum content, and recruitment and retention activities; by participation in university committees dealing with oppressed populations; numerous service activities,

including advocacy on behalf of the disadvantaged; the selection of field practicum sites; and school policies related to promotion and tenure of its faculty.

## Educational Requirements

Students are admitted on the assumption that they have the potential academic ability and personal suitability for completing the professional program in which they are enrolled. All students in the M.S.W. program are expected to maintain the standards established by the School of Social Work and those held by the social work profession. In order to detect possible problems, the School of Social Work reviews students' performance periodically.

The Master of Social Work degree is recommended by the school and conferred by the university. Students must successfully complete 60 credit hours of required and elective courses carrying graduate credit. Each student is expected to follow the university and school schedules and dates for completion of requirements, including completion of all work within five calendar years from the time of first enrollment.

### Liability Insurance

Students are required to carry professional liability insurance. Under the school's blanket policy, the cost of insurance is included in the student's practicum course fee.

### Credit for Life Experience

Academic credit for life experience and previous work experience is not given in whole or part toward the social work degree.

## Bachelor of Science in Social Work

A limited number of undergraduate social work courses have been offered on the Indiana University Northwest campus. The Division of Social Work anticipates approval of its proposal to offer the undergraduate social work major sometime during the fall of 2010. The Bachelor of Social Work (B.S.W.) program once offered will be accredited through the Indiana University School of Social Work by the Council on Social Work Education.

For more information regarding the BSW degree contact:

Division of Social Work  
IU Northwest  
3400 Broadway  
Gary, IN 46408-1197  
**Telephone:** (219) 980-7111 **Web:** [www.iun.edu/~socialwk](http://www.iun.edu/~socialwk)

## Master of Social Work

The M.S.W. program was brought to the Indiana University Northwest campus in 1996 and graduated its first class in 2000. Graduates of the Division of Social Work move into a broad variety of social service settings. These include those concerned with aging, family and child welfare, corrections, mental and physical health, communities, political change and analysis, and school adjustment. In anticipation of such professional activities, the school provides field instruction placements throughout northwest Indiana where students engage in services to individuals, groups, families, and communities or function in planning and management roles.

The Council on Social Work Education (CSWE) accredits both the Bachelor of Social Work and Master of Social Work Programs. The school/division is a member of the International Association of Schools of Social Work. The school/division's administrators are active participants in the National Association of Deans and Directors of Schools of Social Work, the Association of Baccalaureate Social Work Program Directors and the Group for the Advancement of Doctoral Education, among others.

### Part Time Evening Program

The part time evening program at Indiana University Northwest enables students to complete the foundation and intermediate curriculum (the first 30 credit hours of the program) over two calendar years. Students begin the program in late August. Part time evening students are required to complete the concentration Curriculum (the final 30 credit hours of the program) with most classes and internships held during the week (usually Monday through Thursday). The complete program requires at least three calendar years, although students may elect to extend course work and internships up to four years.

### Advanced Standing Program

Students holding undergraduate social work degrees may be eligible for this program, which begins at various times based on the cohort chosen. The following are specific requirements for consideration for admission to the advanced standing program:

1. Graduation within five years from a baccalaureate social work program accredited (or admitted to candidacy for accreditation) by the Council on Social Work Education.
2. Successful completion of a statistics course.
3. A cumulative grade point average of at least 3.0 on a 4.0 scale.
4. A cumulative grade point average of at least 3.0 in all social work courses taken prior to admissions committee action. Accordingly, applicants to the advanced standing program must provide the admissions committee with an official transcript. Senior B.S.W. students must provide a transcript including the fall semester (or winter quarter) grades of their senior year.
5. Evidence of characteristics and/or potentials required for competent social work practice as defined in the mission statement of the school. Such evidence may be derived from application materials, letters of reference, and/or pertinent work or volunteer experience.
6. A reference letter is required from a full-time faculty member of the applicant's undergraduate program.

### Indiana Partnership for Social Work Education in Child Welfare (Title IV-E)

The Title IV-E Program is offered to students involved in the Indiana Partnership for Social Work Education in Child Welfare, funded in part by Title IV-E, and enables students to complete the Foundation and Intermediate Curriculum (the first 30 credit hours of the program) over two calendar years. Eligibility for the Title IV-E program is typically limited to current employees of the Indiana Division of Family and Children. Classroom courses are offered on weekdays. Students begin the program by enrolling in

their first courses during the fall semester. Students are allowed to apply for one of the other IUPUI cohorts and request IV-E status and funding. The schedule will then match the identified cohort.

## Master of Social Work Admission

Professional social work education requires students at the master's level to undertake a rigorous program of classroom and practice work. The Indiana University School of Social Work seeks to admit individuals who have demonstrated competency through previous academic work, professional achievements, and volunteer commitments. A strong commitment to social justice and service to others should be evident in the application.

Admission information for the M.S.W. program at Indiana University Northwest may be obtained from:

Division of Social Work  
IU Northwest  
3400 Broadway  
Gary, IN 46408-1197  
Phone: (219) 980-7111  
Web site: [www.iun.edu/~socialwk](http://www.iun.edu/~socialwk)

Admission information for all other Indiana University M.S.W. programs may be obtained from:

M.S.W. Admissions  
IUPUI School of Social Work  
Education/Social Work Building 4134  
902 W. New York Street  
Indianapolis, IN 46202-5154  
Telephone: (317) 274-6705  
Web: [www.socialwork.iu.edu](http://www.socialwork.iu.edu)  
E-mail: [taldavis@iupui.edu](mailto:taldavis@iupui.edu)

Enrollment in the M.S.W. program requires official admission to the Indiana University School of Social Work. A limited number of students are admitted each year. The following items are the minimum requirements for consideration for admission:

- An earned bachelor's degree from an accredited college or university
- Evidence of course work in liberal arts
- Successful completion of a minimum of six courses in social or behavioral sciences, as defined in the application packet
- Successful completion of a course in statistics
- An earned cumulative undergraduate grade point average (GPA) of at least 3.0 on a 4.0 scale for the final 60 credit hours of the degree
- Submission of the completed application packet

Applications are available in early fall of the year preceding admission. Information pertaining to the deadlines, requirements, and program details can be found in the application packet. Applicants applying to the Indiana University Northwest program cannot apply to other Indiana University M.S.W. programs of the School of Social Work. All applicants are encouraged to submit applications as soon as possible and well before the final application priority date. The M.S.W. admissions committee will make all decisions and notify students in early spring. Applications are evaluated on the basis of the six criteria outlined above. Admission is competitive

and the instructional resources of the school determine total enrollment.

## International Students/International Degrees

Applicants who are not citizens of the United States should apply as early as possible preceding the fall in which they wish to enter. They must fill out the international application and the Indiana University School of Social Work application by the posted deadlines. They also must provide proof of their ability to pay fees and support themselves adequately during the period of their study and, through examinations designated by the school, must demonstrate an ability to comprehend, write, and speak English at an acceptable level.

**International students or any person holding a degree obtained outside of the United States should request an international application from the following address:**

International Affairs  
IUPUI  
902 W. New York Street, ES2126  
Indianapolis, IN 46202-5154  
Telephone: (317) 274-7000  
E-mail: [oia@iupui.edu](mailto:oia@iupui.edu)

## Transfer Students

A limited number of transfer students from other accredited M.S.W. programs may be accepted each year. Master of Social Work students interested in transferring to Indiana University must complete an application for admission to the program. Upon receipt of the completed application, the division director will review the materials and decide if the applicant may be accepted in the program. If accepted, the division director will analyze the student's transcript and course syllabi to determine which credits earned in another accredited social work program will transfer to Indiana University. In all circumstances, however, transfer students must complete all required courses in their chosen Concentration Curriculum.

## Academic Regulations and Policies

### Phi Alpha (#A) National Social Work Honor Society

The purpose of Phi Alpha National Social Work Honor Society is to provide a closer bond among students of social work and promote humanitarian goals and ideals.

Phi Alpha fosters high standards of education for social workers and invites into membership those who have attained excellence in scholarship and achievement in social work. Information on selection processes is available from the Director of the Division of Social Work.

### Students' Rights and Responsibilities

IUSSW students in social work programs have a right to participate in decision-making activities about the school. Students regularly contribute to the continued development and growth of our programs. Indeed, the school values students' input in several critical areas: faculty and course evaluations, school committee work, student field placements and others.

All students enrolled at the School of Social Work have an opportunity each semester to evaluate their courses and instructors. At the end of each course, students are given

standardized faculty evaluation forms to complete. These evaluations are confidential, and the results are computer generated. The evaluations are returned to the faculty to use for strengthening content, teaching, and learning methods to improve instruction.

Through their elected and/or volunteer representatives, students provide input to and learn from program committees and various others that might be convened throughout the year. Student representatives are viewed as valuable members of these committees.

Each student has the opportunity to have input into the selection of his or her field practicum assignments. The Division field practicum coordinator works closely with students to negotiate suitable placements.

Students have the right to provide feedback about school policies and procedures as well as the behavior of faculty and staff members. In providing either positive or critical feedback, students are expected to follow professional social work norms, values, and ethics. For example, students who believe that a faculty or staff member's behavior is discourteous or ineffective should discuss the concern directly with the person or people in question. Students who have reason to believe addressing the person directly would place them in some jeopardy should register the concern with the director of the program, who will address and respond to the issue.

Students, who believe that they have been treated unfairly or unprofessionally by a faculty or staff member, or that a policy or procedure is unjust or unwise, may submit in writing a formal grievance petition to the dean of the school. Grievance petitions are reserved for those issues or incidences that warrant formal investigation and full exploration. Such petitions should be submitted in a professional manner, consistent with social work norms, values, and ethics.

Student complaints regarding discrimination, sexual harassment, racial harassment, and harassment on the basis of sexual orientation have established complaint procedures available in the Indiana University *Code of Student Rights, Responsibilities, and Conduct*.

### **Academic and Scholarly Guidelines**

Students admitted to the Indiana University School of Social Work have already demonstrated potential for superior academic work. Most students are therefore very familiar and comfortable with high academic and scholarly standards. Obviously, students are expected to attend face-to-face, online, and classroom and practicum course meetings. Regular attendance is viewed as the responsibility of each social work student. Active participation in course activities is the expected norm. In participating, it is expected that students reflect interest in, and respect for, their colleagues in a manner that is congruent with the values, ethics, and skills of the profession, and those of the Student Code of Conduct.

In written assignments, students are expected to prepare documents in a scholarly and professional manner. Submissions should be typewritten in double-spaced format and carefully edited for spelling and grammar. All direct quotations, paraphrases, empirical research findings, and other restatements of the research, scholarship, or creative work of others must be

appropriately annotated using the standard bibliographic citation methods set out in the most recent edition of the *Publication Manual of the American Psychological Association (APA)*. The APA manual serves as the guide for style and format of all papers submitted in the School of Social Work.

Social work graduates require well-developed and refined communication skills, including the use of the written word. Writing well helps graduates communicate information accurately and concisely. For this reason, formal writing assignments in social work courses are evaluated on the basis of both the quality of the scholarly content and the quality of its presentation.

### **Electronic Communication**

Students are expected to follow appropriate e-mail etiquette when communicating with faculty, staff, and peers. Correct grammar is expected at all times. Inappropriate use of e-mail will be grounds for student review. For specific guidelines, please visit [informationpolicy.iu.edu/policies/](http://informationpolicy.iu.edu/policies/).

### **Academic Misconduct**

Indiana University School of Social Work and/or the university may discipline a student for academic misconduct defined as any activity that tends to compromise the academic integrity of the institution and undermine the educational process. Academic misconduct includes, but is not limited to, the following:

#### **1. Cheating**

- a. A student must not use external assistance on any "in-class" or "take-home" examination, unless the instructor specifically has authorized such assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, and calculators.
- b. A student must not use another person as a substitute in the taking of an examination or quiz.
- c. A student must not steal examinations or other course materials.
- d. A student must not allow others to conduct research or to prepare any work for him or her without advance authorization from the instructor to whom the work is being submitted. Under this prohibition, a student must not make any unauthorized use of materials obtained from commercial term paper companies or from files of papers prepared by other persons.
- e. A student must not collaborate with other persons on a particular project and submit a copy of a written report that is represented explicitly or implicitly as the student's own individual work.
- f. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.
- g. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor to whom the work is being submitted.
- h. A student must not alter a grade or score in any way.

#### **2. Fabrication**

A student must not falsify or invent any information or data in an academic exercise including, but not limited

to, records or reports, laboratory results, and citations to the sources of information.

### 3. Plagiarism

A student must not adopt or reproduce ideas, words, or statements of another person without an appropriate acknowledgment. A student must give due credit to the originality of others and acknowledge an indebtedness whenever he or she does any of the following:

- a. Quotes another person's actual words, either oral or written
- b. Paraphrases another person's words, either oral or written
- c. Uses another person's idea, opinion, or theory
- d. Borrows facts, statistics, or other illustrative material, unless the information is common knowledge

### 4. Interference

a. A student must not steal, change, destroy, or impede another student's work. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.

b. A student must not give or offer a bribe, promise favors, or make threats with the intention of affecting a grade or the evaluation of academic performance.

### 5. Violation of Course Rules

A student must not violate course rules as contained in a course syllabus or other information provided to the student.

### 6. Facilitating Academic Dishonesty

A student must not intentionally or knowingly help or attempt to help another student to commit an act of academic misconduct.

## Human Subjects in Scholarly Research

Any student involved in research with human subjects must adhere to the policies and procedures set forth by the Indiana University Human Research Protection Program (HRPP). As stated on its website, "the overarching mission of the Human Research Protection Program (HRPP) at Indiana University is to protect the rights and welfare of human research participants recruited to participate in research conducted under the auspices of Indiana University. Rather than ensuring mere compliance with the federal regulations, IU's HRPP strives to adhere to the highest ethical standards in its protection of human research participants and seeks to further develop the methods and mechanisms for protecting human research participants. The Human Subjects Office ensures that each human subject receives respect, beneficence, and justice during their involvement in research." Students should access relevant information at <http://researchadmin.iu.edu/cs-humsub.html>.

In their foundation research course, SWK 502, students typically have the experience of completing the IU Protection of Human Subjects Web-based tutorial and passing the examination on ethics in research.

## Academic Requirements

For continuation in and graduation from the program, students are required to:

1. earn at least a "C" in each Social Work course;
2. maintain a minimum 3.0 cumulative GPA in graduate Social Work courses;
3. have satisfactorily fulfilled any and all contracts for grades of Incomplete (see policy on Grades of Incomplete);
4. earn a grade of "Satisfactory" in any practicum course (S555, S651& S652).

## Professional Requirements

Students are expected to behave in a manner consistent with the *Indiana University Code of Student Rights, Responsibilities, and Conduct Handbook*, the *Code of Ethics of the National Association of Social Workers*, and other professional guidelines established in the Handbook. Refer to the section below that outlines some examples of conduct that violates professional and ethical standards.

## Criminal Offense Disclosure and Sexual Offenders Policy

As part of the application process, students provide a disclosure statement regarding past criminal offenses. Master of Social Work graduates are eligible to apply for legal licensure by the State of Indiana. While such disclosure does not pre-empt an admissions decisions, admitted students must realize that a criminal history may affect their eligibility for licensure.

It is the policy of the School of Social Work that no student or applicant who has been convicted of sex offenses against children shall be eligible for admission or matriculation into the BSW, MSW or PhD programs. Any student who is already in an IUSSW program and whose name appears on the Registry during the time of matriculation, or has been convicted of an offense for which the student can be listed on the Registry, shall be ineligible for continuation or completion of the MSW degree. Any faculty member, student, field instructor, or other person within the school who becomes aware of such a situation should bring it to the attention of the respective program director for appropriate action. This policy and the right of appeal is discussed further in the section on Students' Rights and Responsibilities.

## Master of Social Work Curriculum

Social work is a dynamic profession concerned with the changing needs of people and society. To respond to such needs, the curriculum of the School of Social Work undergoes continuing review by the faculty with the participation of students, members of the practice community, and others. Students must complete 60 credit hours of graduate-level course work in order to meet the minimum requirements for the Master of Social Work degree. All students complete a common 15 credit Foundation Curriculum and 15 credit Intermediate Curriculum that emphasize a generalist perspective for social work practice. The Intermediate Curriculum includes a one-semester practicum of a minimum of 320 clock hours. Following that, students complete a Concentration Curriculum that prepares them for advanced practice in health, mental health and addictions, or school social work. The Concentration Practicum of a minimum of 640 clock hours is usually completed over two semesters. All Foundation Intermediate Curriculum course work must

be completed before students are eligible to enroll in any required courses in the Concentration Curriculum.

The overall objectives of the Foundation and Intermediate Curricula of the M.S.W program include development of

1. Basic, generalist competence applicable to a broad range of social work practice
2. Basic competence at all levels: individual, family, groups, communities, and organizations;
3. Basic competence for practice in social service delivery systems

The overall objectives of the Concentration Year include development of special competence in a concentration area.

Typical course arrangements for students admitted to the M.S.W. program are shown as below.

### Foundation Curriculum

- SWK S501 Professional Social Work at the Master's Level: An Immersion (3 cr.)
- SWK S502 Research I (3 cr.)
- SWK S503 Human Behavior and the Social Environment I (3 cr.)
- SWK S504 Professional Practice Skills I (3 cr.)
- SWK S505 Social Policy Analysis and Practice (3 cr.)

### Intermediate Curriculum

- SWK S513 Human Behavior in the Social Environment II (3 cr.)
- SWK S514 Practice with Individuals and Families I (3 cr.)
- SWK S516 Social Work Macro Practice (3 cr.)
- SWK S517 Assessment in Mental Health and Addictions (3 cr.)
- SWK S555 Social Work Practicum I (3 cr.)

### Concentration Curriculum Health

Students, who elect to practice in the health arena, apply the knowledge and skills of advanced social work practice to build and work effectively with multi-disciplinary teams that include physicians, nurses, dentists, psychiatrists and other health care professionals. They learn the medical terminology to conduct bio-psycho-social assessments based on myriad disease entities and patient dynamics. As social workers, they understand how healthcare is financed in the United States, analyze how financial resources for healthcare affect individual patient care, and advocate for change that improves access for all individuals regardless of race, ethnicity, gender, age, sexual orientation or other factors.

- SWK S618 Social Policy and Services II: Health (3 cr.)
- SWK S623 Practice Research Integrative Seminar I (3 cr.)
- SWK S651 Social Work Practicum II **AND** S652 Social Work Practicum III (9 cr.)
- SWK S652 Social Work Practicum III (3 cr.)
- SWK S661 Executive Leadership Practice (3 cr.)
- SWK S692 Health Care Practice I (3 cr.)
- SWK S693 Health Care Practice II (3 cr.)

- SWK S694 Social Work Practice with Older Adults **OR** S600 Loss Grief, Death & Bereavement (3 cr.)

Total (30 cr.)

### Mental Health and Addictions

Students in the MH&A concentration assess mental health and addictions issues from person-in-environment, consumer focused, strengths-based, recovery-oriented, and other relevant perspectives. They formulate intervention, prevention, or support and maintenance plans collaboratively with clients. They prepare to serve as case managers, counselors, clinicians, and advocates for and with mental health and addictions consumers. Also, they are able to seek, discover, and evaluate relevant research studies and apply findings in evidence-based social work practice. Within the context of their practice, they conduct empirical evaluations of the effectiveness of interventions and services.

- SWK S618 Social Policy & Services: Mental Health and Addictions (3 cr.)
- SWK S623 Practice Research Integrative Seminar I (3 cr.)
- SWK S651 Social Work Practicum II and S652 Social Work Practicum III (9 cr.)
- SWK S661 Executive Leadership Practice (3 cr.)
- SWK S683 Community-Based Practice in Mental Health / Addictions\* (3 cr.)
- SWK S685 Mental Health and Addictions Practice with Individuals and Families\* (3 cr.)
- SWK S686 Social Work Practice: Addictions\* (3 cr.)
- SWK S687 Mental Health and Addictions Practice with Groups\* (3 cr.)

3 credit hours of other 600-level courses (or a fourth starred mental health course above)

Total (30 cr.)

### School Social Work

Social workers in school systems function in an environment where the primary purpose is education and socialization. When primary and secondary school students exhibit behaviors and problems that impede their academic and social progress, they may benefit from interventions that social workers are prepared to deliver. The commitment to utilizing social workers in school settings ebbs and flows, often dictated by fiscal resources for education in general. Nonetheless, preparation of students to enter this field of practice remains a priority for the School of Social Work. Students who enter this field are prepared with clinical skills for working with children and adolescents and their families; with team-building skills for working with school administrators and teachers; and, community skills to garner the resources necessary for to promote a safe, secure environment for those served in the school system.

- SWK S618 Social Policy & Services: Schools (3 cr.)
- SWK S623 Practice Research Integrative Seminar I (3 cr.)
- SWK S651 Social Work Practicum II and S652 Social Work Practicum III (9 cr.)
- SWK S661 Executive Leadership Practice (3 cr.)
- SWK S600 Social Work Practice in Schools (3 cr.)



- SWK S600 Social Work Practice with Children & Adolescents (3 cr.)
- SWK S632 Child Welfare Practice I (3 cr.)
- 3 additional credit hours at the 600-level (3 cr.)

Total (30 cr.)

## IU School of Medicine - Northwest

### About the IU School of Medicine - Northwest

#### Location and Facilities

Indiana University School of Medicine-Northwest is located on the Indiana University Northwest campus in the Glen Park area of the city of Gary and occupies approximately 35,000 square feet of a new building on the southwest corner of the campus. The safe and attractive campus is bounded on three sides by the Little Calumet River, the well-kept residential community of Glen Park, and the Gleason Golf Course. Students have 24-hour access to the building and all its facilities. The new building includes a student lounge with a small kitchen area and refrigerator for personal food storage and preparation. Locker rooms and showers provide students with a place to freshen up after exercise or sessions in the gross anatomy laboratory.

The current undergraduate enrollment at the IU Northwest campus is approximately 5,000 students. IU Northwest has a student union complex with gymnasium and fitness center available for medical student exercise and a cafeteria with low-priced food. Cultural activities on campus are numerous, including an IUN-sponsored local drama group, the Northwest Theater, and the Northwest Indiana Symphony Orchestra. In addition, the numerous sports events, museums, ethnic neighborhoods, restaurants, and cultural attractions of Chicago are less than an hour's drive from the campus. For those who prefer an escape to the out-of-doors, the Hoosier Prairie and the Indiana Dunes National Lakeshore, in addition to numerous parks in Lake, Porter, and LaPorte Counties, are outstanding areas for hiking, swimming, picnics, and cross-country skiing.

#### Housing

Northwest Indiana offers a variety of housing opportunities within easy driving distance of the campus. IUN is a commuter campus and, as such, has no dormitories or other student housing. However, IU School of Medicine-Northwest maintains two apartment buildings directly across from the medical building with a limited number of apartments for reasonable rent to medical students. Arrangement to see the apartments is strictly by appointment only with Dawn Ilgenfritz, director of operations and finance, Indiana University School of Medicine-Northwest, phone (219) 980-6551, dilgenfr@iun.edu. Unscheduled visits cannot be accommodated.

### Patient-Centered Learning Program

The academic program at the Northwest Campus is designed around the principle that the learning of essential basic science information should occur in the context of patient interaction, patient case studies, and practice of

clinical skills. To that end, the faculty of the Northwest Campus have dedicated themselves to a student-centered and patient-centered approach that involves their widely acclaimed Problem Based Learning Curriculum, the unique History and Physical Learning Center, the Steven C. Beering Library, externship opportunities with local physicians and hospitals, and the participation of 132 volunteer community physicians.

The Northwest campus Patient-Centered Learning Program provides an unique opportunity within the Indiana system for students to experience a different, and we think excellent, approach to medical student learning. We welcome visits from prospective students who would like to learn more about our Patient-Centered Learning Program and to participate with our first or second year medical students in one of the case-based learning sessions described below. Please contact Dr. Pat Bankston, assistant dean and director, pbanks@iun.edu, to schedule a visit.

### Problem-Based (Case-Based) Learning Approach

For 19 years after its founding in 1972, Indiana University School of Medicine-Northwest offered a traditional first and second year medical curriculum. Beginning with the 1989-1990 academic year, the Northwest Campus introduced an innovative curriculum with heavy emphasis on problem solving and active learning. The highlights of this new curriculum include: (a) Problem-based learning (PBL) sessions, where small groups of five to seven students meet three times a week for two hours to discuss and analyze patient cases in the presence of a faculty moderator. During these student-directed PBL sessions, students set learning objectives, generate and test hypotheses, share learned information, and apply knowledge of basic science principles to the care of patients. (b) Small numbers of lectures presented by experienced faculty supplementing the PBL sessions by providing helpful overviews of key concepts; (c) Organization of the first- and second-year curricula into seven sequential "steps" or units, allowing students to concentrate all their studies to one subject at a time; (c) Basic science laboratories in Gross Anatomy, Histology, Neuroscience, and Pathology, providing active-learning experiences that reinforce and expand the knowledge base attained during PBL sessions and lectures; and (e) PBL sessions, lectures, and laboratories end by noon each day, allowing ample time for independent study and one or more afternoons per week for other patient based activities.

#### Curriculum

The seven steps (courses) of the IU School of Medicine-Northwest PBL curriculum are:

#### First Year

- Step 1** The Molecular Basis of Medicine (6 weeks) (Biochemistry, Molecular Biology)
- Step 2** Human Structure (11 weeks)(Gross Anatomy, Histology, Cell Biology)
- Step 3** Systemic Function and Drug Action (6 weeks)(Physiology)
- Step 4** Neural Control and Disease (6 weeks) (Neuroscience)

**Step 5 Medications and Disease** (6 weeks)  
(Pharmacology)

**Doctor-Patient Relationship** (dispersed throughout the first-year)

### Second Year

**Step 6 Invasion and Defense**(11 weeks)(General Pathology, Microbiology, Immunology)

**Step 7 Pathophysiology and Advanced** (24 weeks)

**Problem Solving** (Introduction to Medicine, Systemic Pathology, Advanced Doctor / Patient Relationship)

## Noncredit Activities

### Basic Science Seminars

Invited scientists and clinicians present advanced topics and results of their research. Local physicians and Indiana University Northwest faculty and students are invited to attend these weekly presentations.

### Third-Year Clerkships and Fourth-Year Courses and Electives

A full complement of third-year clinical experiences required for third-year medical students is offered at the Northwest Campus. The clinical years are what all medical students anticipate, a time when lectures and laboratories translate into patient care. The IU School of Medicine - Northwest students have wide access to a variety of clinical settings in Northwest Indiana. Numerous hospitals and outpatient facilities in Northwest Indiana and throughout the state provide students with valuable clinical experiences as they rotate throughout their electives. Fourth-year students have the unique opportunity to pursue electives for seven months — a large amount of time compared to with many other U.S. medical schools.

Year 3 is organized into three blocks of 16 weeks in duration that can be given in any order. One block is composed of clerkships in Surgery, Obstetrics and Gynecology, and Surgical Subspecialties (and Anesthesia). The third is composed of Family Medicine, Pediatrics, and a vacation month.

Year 4 has three required courses of one month in duration and 28 weeks of elective courses. The required courses are Radiology, Emergency Medicine, and Medicine Sub-Internships.

### Fourth-Year Electives

(Instructors and credit units to be arranged)

Physicians of northwest Indiana participate in offering fourth-year elective courses at St. Catherine, St. Margaret\Mercy Healthcare Centers, Methodist (Northlake and Southlake), St. Mary Medical Center (Gary and Hobart), St. Anthony Medical Center and Porter Memorial hospitals, and Our Lady of Mercy hospitals in collaboration with the School of Medicine—Northwest Campus and the Indiana University School of Medicine. Those courses cover medical subspecialties including internal medicine, inhalation therapy, cardiac catheterization, clinical nephrology, obstetrics and gynecology, ophthalmology, pathology, psychiatry, radiology, surgery, and general emergency care.

## Graduate Programs

(Instructors, courses of study, and credit hours to be arranged.)

Since the School of Medicine-Northwest Campus faculty also hold appointments in the University Graduate School, graduate programs for the M.S. or the Ph.D. degree are offered in cooperation with the basic science departments of the Indiana University School of Medicine. Most course work and all research leading to an advanced degree can be completed on this campus. Graduate students select courses from the medical school curriculum and/or advanced graduate courses offered by the respective basic science departments. Interested students are encouraged to contact the office of the director.