

Associate of Science

Radiologic Sciences:

Radiography

Radiographers use x-rays to produce photographic images of body structure. These images are then used to diagnose and treat diseases and injuries incurred by patients. Radiographers may also assist physicians in performing other complex examination procedures.

SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
INDIANA UNIVERSITY SYSTEM COURSE EQUIVALENTS
FOR PROGRAM AT THE INDIANAPOLIS CAMPUS

ASSOCIATE OF SCIENCE IN RADIOGRAPHY PREREQUISITES

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above.

COURSES	IUB	IUPUI	IUPUC	IUE	IPFW	IUK	IUN	IUSB	IUS
Written Communication (One Course)	ENG-W 131*	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131	ENG-W 131*
*Check specific campus bulletin for other equivalents to ENG-W 131									
College Mathematics (One Course)	MATH M025 or M119 or M118	MATH 153 or M119 or M118	MATH M025 or M119 or M118	MATH M025 or M119 or M118	MATH 153 or 229	MATH M025 or M119 or M118	MATH M025 or M119 or M118	MATH M025 or M119 or M118	MATH M025 or M119 or M118

RADIOGRAPHY - DEGREE GRADUATION REQUIREMENTS ❖

GENERAL EDUCATION COURSES	IUB	IUPUI	IUPUC	IUE	IPFW	IUK	IUN	IUSB	IUS
Verbal Communication (One Course)	CMCL-C 121 or 122	COMM-R 110 or C 180	COMM-R 110 or C 180	SPCH-S 121 or CMCL-C 122	COM 114 or 212	SPCH-S 121 or 122	SPCH-S 121 or 122	SPCH-S 121 or 122	SPCH-S 121 or 122
Social/ Behavioral Sciences (One Course)	APPROVED ELECTIVE SUBJECT AREAS INCLUDE: Psychology, Sociology, and Anthropology (<i>Preferred</i>). Other content areas such as Economics, Minority Studies, and Political Science will be accepted upon approval (based on course content).								
Human Biology <u>OR</u> Human Anatomy & Human Physiology		BIOL N212 to N215	BIOL N212 to N215		BIO 203 & 204				
	NAT A215 & PHSL P215	BIOL N261 & N217	BIOL N261 & N217	ANAT A215 & PHSL P215 OR PHSL P261 & P262	BIO 215 & 216	ANAT A215 & PHSL P215	PHSL P261 & P262	PHSL P261 & P262	ANAT A215 & PHSL P215
Medical Terminology ☒	CLAS C209	CLAS C209, RADI R108, or HIA M330		NURS A111	BIOL 105 or AHLT R185	CLAS C209	AHLT R185	AHLT R185 or NURS B105	AHLT M195

❖ The courses listed on this chart are not prerequisites. However, a student waiting for admission to the program may reduce his/her academic load if these courses are taken before admission. These courses are also recommended for those applicants who do not meet eligibility requirements for direct admission from high school.

☒ CLAS C209 Medical Terminology is available through IU School of Continuing Studies

SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
OTHER INDIANA COLLEGE/UNIVERSITY COURSE EQUIVALENTS
FOR PROGRAM AT THE INDIANAPOLIS CAMPUS

ASSOCIATE OF SCIENCE IN RADIOGRAPHY PREREQUISITES

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above.

Courses	Ball State University	Butler University	Indiana State University	Ivy Tech – Indpls	Marian College	Purdue – Calumet	Purdue – West Lafayette	University of Indpls	University of Southern Indiana	Vincennes University
Written Communication (One Course)	ENG 101 & 102 or 103	EN 102	ENG 105	ENG 111	ENG 101	ENGL 104	ENGL 106	ENG 101	ENG 101	ENGL 101
College Mathematics (One Course)	MATH 111 or 112	MA 106	MATH 115 or 131	MAT 136 or 131 or 201	MAT 230	MA 153 or 154 or 159	MA 153 or 154 or 159	MATH 180 or 190	MATH 112 or 115	MATH 102 or 104 or 115
RADIOGRAPHY - DEGREE GRADUATION REQUIREMENTS ❖										
Verbal Communication (One Course)	COMM 210 or 240	COMM 102	COMM 101 or 202	COMM 101 or 102	COM 101	COM 114	COM 114	COMM 100	CMST 101 or 107	SPCH 143 or 148
Social/ Behavioral Sciences (One Course)	APPROVED ELECTIVE SUBJECT AREAS INCLUDE: Psychology, Sociology, and Anthropology (<i>Preferred</i>). Other content areas such as Economics, Minority Studies, and Political Science will be accepted upon approval (based on course content).									
Human Anatomy & Human Physiology	ANAT 201 & PHSL 210 & 211	BI 257 & PX 315	LIFS 231 & 231L and LIFS 241 & 241L	ANP 101 & 102 & 201	BIO 223 & 224	BIOL 213 & 214	BIOL 203 & 204 or 301 & 302	BIOL 103 & 104	BIOL 121 & 122	LFSC/LFSL 111/112 or 211 & 212
Medical Terminology	CC 102 or NUR 101	✉	LAT 216	HHS 101	FNS 110	✉	HSCI 131	✉	HP 115	HIMT 110

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ASSOCIATE OF SCIENCE IN RADIOGRAPHY

Algebra and English Composition are the only prerequisites for the program. The remaining courses listed below are general education classes that are required for graduation with the Associate Degree. Completing the remainder of the general education requirements before the beginning of the program will not shorten the length of time for the Associate Degree program. However, once a student is in the professional program, the credits taken each semester will be less.

	FALL	SPRING
FIRST YEAR	English Composition 1 3cr	Public Speaking or
	Social Science Elective 3cr	Interpersonal Communication 3cr
	Human Biology 1 or	Human Biology 2 or
	Human Anatomy 4-5cr	Human Physiology 4-5cr
	College Algebra <u>3cr</u>	Medical Terminology 1-2cr
		Electives (<i>optional</i>) <u>2-4cr</u>
	Total 13-14cr	Total 10-14cr
		Cumulative Total 23-28cr

SUGGESTED ELECTIVES

For purposes of the Radiography program, electives are not required. If electives are needed to maintain full time status or to complete prerequisites for a bachelor's degree, recommended courses include a second semester of written communications, sociology, psychology, math, physics, chemistry, and biology. See Medical Imaging Technology program information for additional degree requirements.

A BRIEF SUMMARY OF SCHOOL AND PROGRAM ADMISSION REQUIREMENTS

For a complete list, see the School of Medicine Health Professions Programs section of the IUPUI Bulletin. Completion of requirements does not guarantee admission into the program. Competitive grade point averages are generally higher than the stated minimums.

- Credit hours needed prior to entranceSee Program Section of Bulletin for Minimum Qualification for HS and College applicants
- Minimum College Grade Point Averages neededCumulative 2.80; Math/Science 2.50
- Minimum grade needed in prerequisitesC (2.00)
- Interview required.....Yes
- Additional Requirements.....Pre-Interview Questionnaire
- Application DeadlineNovember 15th - year prior to entry

In addition to a student's cumulative and math/science grade point averages, the pre-interview questionnaire, and the formal interview, the Radiography Program's Admissions Committee does give BONUS ranking points for students in the following areas: re-application, direct patient-care experience, completion of general education requirements,.

For additional information, please contact Health Professions Programs Office at (317) 278-4752, Medical Science Room 259 C/D, or askhpp@iupui.edu. You can also visit us on the web at <http://medicine.iu.edu/hpp>.

**THIS SHEET IS FOR ADVISING PURPOSES ONLY. PLEASE REFER TO
SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS SECTION OF
THE IUPUI BULLETIN FOR ALL PROGRAM REQUIREMENTS.**

Program Admission Information Sheet – 2009

Program: RADIOGRAPHY, A.S.

Revised 03/09

<p>Application Deadline:</p>	<p>November 15</p>
<p>Admission Criteria: Factors used in determining the rank order that are not part of the published criteria that might have academic advising implications. (e.g., weighted components, nature of electives, residency preference, etc.)</p>	<p>Pre-interview ranking to select the top 74 applicants for interview includes: 50 ranking points for Total GPA 25 ranking points for Math/Science GPA Up to 13 “BONUS” ranking points for the following:</p> <ul style="list-style-type: none"> • 4 pts for reapplication • 2 pts max for direct patient-care experience • 7 pts max for general ed. courses completed <p>Those interviewed can earn up to 25 points for the interview to be included in the final ranking for admission. Indiana residents are accepted prior to out-of-state residents.</p>
<p>Component GPA (if used): Explain what is included (excluded). Please be specific.</p>	<p>Math/Science GPA – all natural, mathematical, and computer science courses; first aid; and all psychology courses coded as math/science</p>
<p>Interview When is the interview conducted? How long is the interview?</p> <p>How many interviewers?</p> <p>What is the make-up of the interview team?</p> <p>Briefly describe the interview.</p> <p>What suggestions do you have to help applicants prepare?</p> <p>Date by which an applicant should contact the program if he/she has not heard from the program about an interview date or that he/she is not qualified.</p> <p>Date by which admission decisions are made (hopefully).</p>	<p>January through February 1-2 hours – includes group information meeting, waiting time & interview (actual interview is approximately 15-20 min.)</p> <p>2-3 person team</p> <p>Faculty member (team leader), radiographer from a clinical affiliate and/or bachelor’s degree student (also is a radiographer)</p> <p>Information session before interview; interview consists of similar question format for all interviewees. Interviewers rate applicant on career knowledge, motivation, self-expression, and conduct during the interview.</p> <p>Applicants should do as much career exploration as possible before the interview. Include radiology departmental observations or volunteering to gain firsthand knowledge</p> <p>Approximately January 21</p> <p>Approximately March 15</p>

Program Fact Sheet – 2009

Program: RADIOGRAPHY, A.S.

Revised 03/09

<p>Professional Curriculum: Describe the nature of the professional program. How intense is it? Are there any unique characteristics or demands?</p>	<p>Starts Summer II at IUPUI. Continuous enrollment for 22 months. Clinical activity in the hospitals includes 14 to 21 contact hours per week depending upon the semester. Trauma and emergency experience requires some weekend and evening rotations</p>
<p>Credentials: What is the credential required to practice? Are there specialty credentials? What is the procedure for obtaining the necessary credentials?</p>	<p>Indiana: State licensure to operate diagnostic x-ray machines on humans. Not for basic radiography but separate voluntary national credentialing is available in mammography, vascular, MRI, CT, and ultrasound (all with additional education and/or experience). Pass national ARRT certification exam in radiography and apply to state for licensure.</p>
<p>Competitiveness: How competitive is admission to the program? What changes do you foresee in the next year? Two years?</p>	<p>High; depending upon the applicant pool. None</p>
<p>Placement Statistics: In Indiana? Outside Indiana?</p>	<p>Job market is stable. Emphasis is being placed on the multi-skilled personnel. Good job market for applicants. Shortages in some areas of the country leading to increased wages and hiring bonuses.</p>
<p>Salary Range: Entry level? Five years of experience?</p>	<p>\$31,000 – 39,000 per year full time position \$37,000 – 44,000 per year full time position</p>