MEDICAL IMAGING TECHNOLOGY
Bachelor of Science (B.S.) Degree

Definition: Medical Imaging Technologists are radiographers who have completed additional education in advanced image production. They use interventional angiography, computed tomography, magnetic resonance imaging, and/or ultrasonography as the image modality.

Students are not admitted directly to the Medical Imaging Technology (MIT) program. In order to enter this program, the applicant must be a registered radiographer (ARRT), Nuclear Medical Technologist (AAARRT or NMTCB), Radiation Therapist (ARRT) or Sonographer (ARRT or ARDMS). If you do not hold one of these credentials, please see Associate in Science in Radiography course information. IU Bloomington students interested in Medical Imaging Technology take prerequisites for MIT while preparing to apply for the Radiography Associate of Science degree. It normally takes two years to complete all admission requirements for both programs.

IMPORTANT
This document has been prepared for Indiana University Bloomington students by the Health Professions and Prelaw Center. Please note that specific requirements and policies can change at any time without notice. Students are responsible for obtaining the most current information directly from the application services, and the school(s) and program(s) in which they have an interest. Visit the following website: http://medicine.iu.edu/hpp, click on “How to Apply”.

<table>
<thead>
<tr>
<th>COURSES REQUIRED FOR ADMISSION</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written and Verbal Communication</td>
<td></td>
</tr>
<tr>
<td>English Composition, ENG-W 131</td>
<td>3</td>
</tr>
<tr>
<td>Projects in Reading and Writing, ENG-W 170</td>
<td>3</td>
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<tr>
<td>Public Speaking, CMCL-C 121</td>
<td>3</td>
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<tr>
<td>or Interpersonal Communication, CMCL-C 122</td>
<td>3</td>
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<tr>
<td>Mathematics</td>
<td></td>
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<tr>
<td>Choose from: Precalculus, MATH-M 25; or Brief Survey of Calculus, MATH-M 119; or Finite Math, MATH-M 118</td>
<td>3</td>
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<tr>
<td>Physical and Biological Sciences</td>
<td></td>
</tr>
<tr>
<td>Human Anatomy, ANAT-A 215 (includes lab)</td>
<td>5</td>
</tr>
<tr>
<td>Human Physiology, PHSL-P 215 (includes lab)</td>
<td>5</td>
</tr>
<tr>
<td>Physics in the Modern World, PHYS-P 101 or General Physics I, PHYS-P 201 (both include req. lab)</td>
<td>4-5</td>
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<tr>
<td>Social and Behavioral Sciences</td>
<td></td>
</tr>
<tr>
<td>Introductory Psychology, PSY-P 101 or 102</td>
<td>3</td>
</tr>
<tr>
<td>Choose one course from the departments of Psychology, Sociology or Anthropology</td>
<td>3</td>
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<tr>
<td>Humanities – Choose one 3 credit hour course from the following departments/categories</td>
<td>3</td>
</tr>
<tr>
<td>African American and African Diaspora Studies, American Studies, Art History, Classical Studies, Communication and Culture, English Literature, Folklore, foreign languages and cultures, Gender Studies, History, Journalism, Music, Latino Studies, Philosophy, Religion</td>
<td>3</td>
</tr>
<tr>
<td>RADIOGRAPHY COURSES: MUST BE A REGISTERED RADIOGRAPHER PRIOR TO BEGINNING THE MIT PROGRAM</td>
<td>40</td>
</tr>
<tr>
<td>TOTAL CREDIT HOURS (to be completed prior to beginning the professional program)</td>
<td>70</td>
</tr>
</tbody>
</table>

1 A minimum grade of “C” (not “C-“) is required for all courses required for admission (pre-professional courses).
2 Students must have a minimum of 12 credit hours from Physical and Biological Sciences.
3 Some IUB students applying to this program may have received credit for PSY-P 151, 152, 155 or 106 instead. These are all considered introductory psychology courses and would be acceptable for admission purposes.
4 These courses may be completed either prior to (recommended) or during the professional program.
5 This course has a prerequisite requirement of MATH-M 118 or 119.
6 This course has a prerequisite requirement of MATH-M 119 or equivalent.
ADMISISON REQUIREMENTS AND STATISTICS

**Shadowing and Observation**
Observation is not required before admission, but is implied. The Pre-Interview Questionnaire must be completed and sent with the application to the program and includes questions about your knowledge of the field. The form is available at the following website: http://medicine.iu.edu/hpp, click on “How to Apply” and “Program Specific Requirements”.

**Volunteering and Other Professional Development**
None required. The questionnaire mentioned above will ask for information about your work experiences (paid or volunteer) prior to applying.

**Grade Point Average (GPA)**
For qualified applicants for the Summer Session II class of 2011 at the time of selection:
- mean GPA = 3.65 (range: 3.07 – 4.04)
- mean GPA Radiography Tech courses = 3.65 (range: 3.07 – 4.04)
- applicants: 51, offered admission: 44, class size: 35 (Varies annually)

**Admission Test**
In order to enter this program, the applicant must be a registered radiographer (ARRT), Nuclear Medicine Technologist (ARRT or NMTCB) Radiation Therapist (ARRT), or Sonographer (ARRT or ARDMS).

**Application Information**
- Preference is given to applicants who are Indiana residents. Preference is also given to applicants who complete the majority of applicable course work at a public college or university in Indiana (even if out-of-state). This policy is applied at the time of program application.
- A minimum grade of C (not C-) is required for each admission course (not including optional electives).
- Have a minimum *math/science GPA of 2.50*, a minimum *GPA of 3.00 in Radiologic Tech* courses, a minimum *cumulative GPA of 2.80* at the time of application. All must be maintained subsequent to the interview. An applicant meeting these minimum standards is eligible to be considered, but may not be competitive.
- **Repeated courses.** A maximum of 15 hours may be replaced. In addition to the grade replacement policy, admission policies to academic bankruptcy and fresh start also exist and are available on the admissions site referenced below.
- Admission information and applications are available at http://msa.iusm.iu.edu/hpp/admissions/.
- File an application for admission to the IU School of Medicine Health Professions Programs between **September 1** and **November 15** of the year prior to entry into the program. Early application is strongly encouraged. All applications received by the deadline will be reviewed. An Undergraduate Application or an Intercampus Transfer (ICT) Application to IUPUI must be submitted. Website for ICT application: http://www.iupui.edu/~moveiu/.

**Letters of recommendation**
Not required.

**Admission Interview**
None is required.

**Credit Hours Required Prior to Beginning Professional Program**
70 credit hours must be completed (includes credit hours taken for Associate degree in Radiography) before beginning the professional program for MIT.

**Personal statement**
None is required.

ADMISISON ISSUES, SUGGESTIONS AND NOTES

**Consider a Back-up Plan**
It's always wise to have a “Plan B” when applying to a program that has competitive admissions, such as the A.S. in Radiography Program (required before pursuing the MIT degree). Satisfying the basic admission requirements does not guarantee acceptance into the program and admission criteria are subject to annual review. Schedule an appointment to see a HPPLC health professions advisor to explore your options by calling 812-855-1873.
**Other Admission/Program Info**

- Policies, procedures and admission requirements vary from one program to another, including IU regional campuses. HPPLC advisors suggest that you research all programs and apply to several.
- Admission to the MIT program can be competitive, depending on the applicant pool and major clinical option.

**SELECTION CRITERIA**

In order to enter this program, the applicant must be a registered radiographer (ARRT), Nuclear Medicine Technologist (ARRT or NMTCB), Radiation Therapist (ARRT or ARDMS).

Selection based on the following factors: Cumulative GPA (40%), RT GPA (20%), Clinical RT GPA (20%) and Science/Math GPA (20%).

**PROFESSIONAL PROGRAM STARTING DATE**

The professional program in Indianapolis begins once a year in late June (IUPUI Summer Session II starting date). Continuous enrollment of 10 1/2 months for students interested in MRI, CT, or Interventional Radiography tracks. Students interested in ultrasonography are now required to enroll in additional clinical hours as mentioned below. Students in the non-clinical track can start in any term.

**CAREER INFORMATION**

- Entry-level salaries range from $45,000 to $62,000 per year, depending on which clinical practice is pursued. Salaries range from $52,000-80,000 after five years. See the following Bureau of Labor Statistics website for more salary info: http://www.bls.gov/oco/ocos273.htm.
- Good job market for graduates.

**PROGRAM CONTACT INFORMATION**

**IUPUI**

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We encourage you to use e-mail to ask questions and to communicate with our HPPLC advisors concerning medical imaging programs not only at IUPUI but nationwide as well. Send an email to an individual HPPLC advisor or to udivhpp@indiana.edu.

Please add your name to the HPPLC listserv by visiting the HPPLC website: www.hplc.indiana.edu. Also check the HPPLC website for notices about upcoming meetings, the Health Programs Fair, campus visits by admission representatives and other items of interest.

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