

RADIOLOGIC TECHNOLOGY (B.S.)

Office: 4604 EACPHS; 313-916-1348

The Bachelor of Science in Radiologic Technology is a four-year degree program consisting of two years of pre-professional courses and two years of professional courses. The program complies with the professional curriculum of the American Society of Radiologic Technologists. Upon completion of the program, a student receives a Bachelor of Science Degree in Radiologic Technology and is eligible to take the national certifying examination administered by The American Registry of Radiologic Technologists.

The program is accredited by the:

Joint Review Committee on Education in Radiologic Technology (<http://www.jrcert.org/>) (JRCERT)
20 N. Wacker Drive, Suite 2850
Chicago IL 60606-3182
telephone: 312-704-5300; Fax: 312-704-5304

Admission to Pre-professional Program

The first two years (pre-professional program) are taken in the College of Liberal Arts and Sciences, the admission requirements of which are satisfied by general admission (<http://bulletins.wayne.edu/undergraduate/general-information/admission/>) to the University. Students should consult with an Academic Services Officer in the Office of Student Affairs at the Eugene Applebaum College of Pharmacy and Health Sciences regarding course selection. Students may seek additional career advisement from the Radiologic Technology program faculty during their pre-professional program.

Recommended High School Preparation

Students interested in a career in Radiologic Technology should take as many of the following courses as possible: biology, chemistry, mathematics, physics, computer science, keyboarding, speech, and composition.

Admission to Professional Program

Admission to the professional program requires completion of the above pre-professional course requirements and satisfaction of specific admission requirements listed below. The application deadline is December 15 for matriculation into the professional program for the subsequent Spring/Summer term. Prospective students may contact the program for additional information early in their University studies (313-916-1348).

Students are urged to attend a Monthly Information Meeting (<https://applebaum.wayne.edu/admissions/app-process/>), held on the first Tuesday of each month, for advising and application deadline dates a year before they plan to enter.

Since the applicants who are admitted will eventually be working as members of a health care team, the admissions committee evaluates candidates based on their personal qualities as well as their academic achievement. Therefore, throughout the interview and the completion of other application requirements, such criteria as a student's maturity, motivation, knowledge of the profession, interpersonal skills, personal integrity, and empathy for others is evaluated.

Admission Requirements

The student wishing to apply to the professional program must meet the following admission requirements:

1. Completion (minimum grade of "C" 2.0 where A = 4.0) of all pre-professional courses (or their equivalents) by the end of the Winter semester, prior to beginning the professional program. BIO 3200 (or equivalent) must be completed by December of the year of application.
2. Minimum 2.80 overall grade point average as well as a minimum 2.70 in all science and non-science prerequisite coursework.
3. Completion of the professional program application (<http://www.cphs.wayne.edu>) form and associated requirements and submission of official transcripts to:

Eugene Applebaum College of Pharmacy and Health Sciences
Office of Student Affairs
259 Mack Avenue, Suite 1600
Detroit, MI 48201

APPLICATION DEADLINE: The deadline for applications is December 15. Prospective students are urged to submit applications as early as possible. Specific directions for submitting various application materials are indicated on the website.

APPLICATION REVIEW: All applications will be reviewed for completeness. The Admissions Committee will interview qualified applicants with completed applications submitted by the deadline date. A number of criteria will be evaluated, including academic achievement and personal qualities. Upon completion of all admission interviews, applicants will be notified of the final admission decision. This typically occurs in February.

Pre-professional Curriculum

Each of the following required pre-professional courses (or its equivalent) must be completed with a minimum grade of C (2.0 on a 4.0 scale).

First and Second Years

Code	Title	Credits
BIO 1510 & BIO 1511	Basic Life Mechanisms and Basic Life Mechanisms Laboratory ¹	4
BIO 2870	Anatomy and Physiology	5
BIO 3200	Human Physiology	3
COM 1010	Oral Communication: Basic Speech	3
CSC 1000	Introduction to Computer Science	3
ENG 1020	Introductory College Writing	3
ENG 3010	Intermediate Writing (or any IC course)	3
MAT 1800	Elementary Functions	4
PHI 1050	Critical Thinking	3
PHI 2320	Introduction to Ethics	3
PHY 1020 & PHY 1021	Conceptual Physics: The Basic Science and Conceptual Physics Laboratory (with lab)	4
PSY 1010 or PSY 1020	Introductory Psychology Elements of Psychology	4
PSY 2400	Developmental Psychology	4
STA 1020	Elementary Statistics	3

University Requirements (see General Education program)

¹ Indicates courses or requirements that may be satisfied by examination or course work. Contact the WSU Office of Testing, Evaluation and Research at 313-577-3400 for further information.

Professional Curriculum

Degree Requirements

Candidates for the degree Bachelor of Science in Radiologic Technology must complete a minimum of 120 credits, plus sufficient credits to fulfill the [University General Education Requirements \(https://bulletins.wayne.edu/undergraduate/general-information/general-education/\)](https://bulletins.wayne.edu/undergraduate/general-information/general-education/) not satisfied by either required courses or the student's choice of electives. The total course work will be distributed between two years of pre-professional courses and the two-year professional program as outlined below. Courses in the professional program are taken in the Eugene Applebaum College of Pharmacy and Health Sciences. Enrollment requires full-time student status for six consecutive terms (twenty-four months), during which time students take didactic and clinical courses. The clinical program includes approximately thirty hours per week of clinical education at multiple affiliate institutions.

While most required courses are scheduled during usual daytime hours, students may be required to attend some courses or individual class sessions in early evening.

Third Year		
Spring/Summer Semester		Credits
RDT 3100	Introduction to Radiologic Technology	2
RDT 3300	Radiographic Procedures I	3
RDT 3400	Clinical Education I	4
Credits		9
Fall Semester		
RDT 3200	Radiation Biology and Advanced Protection	3
RDT 3600	Clinical Education II	4
RDT 6500	Pharmacology for Radiographers	2
Credits		9
Winter Semester		
RDT 3500	Patient Care	3
RDT 3700	Radiographic Procedures II	3
RDT 3900	Clinical Education III	6
Credits		12
Fourth Year		
Spring/Summer Semester		Credits
RDT 3800	Cross-Sectional Anatomy	2
RDT 4300	Clinical Education IV	6
Credits		8
Fall Semester		
RDT 4100	Radiographic Quality & Exposure II	2
RDT 4200	Radiation Physics and Circuitry	3
RDT 4500	Clinical Education V	6
RDT 4800	Independent Study	1
Credits		12
Winter Semester		
RDT 4400	Radiographic Pathology	3
RDT 4600	Radiology Seminar	1
RDT 4700	Clinical Education VI	6
RDT 4900	Jurisprudence for Radiographers	3
Credits		13
Total Credits		63

Additional undergraduate or professional courses may be needed to achieve the minimum 120 credits required to earn the degree.