RADIOLOGIC TECHNOLOGY (B.S.)

The Bachelor of Science in diagnostic 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
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 are urged to seek additional career advisement from the Diagnostic Radiologic Technology program faculty early in their pre-professional program.

Recommended High School Preparation: Students interested in a career in diagnostic 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 November 30 for matriculation into the professional program for the subsequent Spring/Summer term. Prospective students are urged to contact the program as early as possible in their University studies (313-916-1348).

Since each program has special requirements for admission, students are urged to attend one of the Monthly Information Meeting (http://www.cphs.wayne.edu/meetings.php), held on the first Tuesday of each month, for advising and application deadline dates a year before they plan to enter.

Since applicants who are admitted will eventually be working as a member 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. Hold a grade point average of 2.80 or above in pre-professional courses and 2.80 ('A' = 4.00) for all college level work at all institutions attended.
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 November 30. 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.

Degree Completion Program for Radiologic Technologists

The Radiologic Technology Program offers a degree completion program for individuals employed as a Radiologic Technologist who have an interest in seeking a bachelor's degree in radiologic technology. Please contact the Program Office (313-916-1348) for information concerning this program.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 1510</td>
<td>(LS) Basic Life Mechanisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 2870</td>
<td>Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 3200</td>
<td>Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>COM 1010</td>
<td>(OC) Oral Communication: Basic Speech</td>
<td>3</td>
</tr>
<tr>
<td>CSC 1000</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>ENG 1020</td>
<td>(BC) Introductory College Writing</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 1050</td>
<td>(BC) Freshman Honors: Introductory College Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 3010</td>
<td>(IC) Intermediate Writing (or any IC course)</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1800</td>
<td>Elementary Functions</td>
<td>4</td>
</tr>
<tr>
<td>PHI 2320</td>
<td>(PL) Introduction to Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1020</td>
<td>(PS) Conceptual Physics: The Basic Science (with lab)</td>
<td>4</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>(LS) Introductory Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

1. Required only for those entering the professional program for the first time. Students who have completed equivalent coursework prior to entering the program may petition for credit for these courses.
or PSY 1020 (LS) Elements of Psychology
PSY 2400 Developmental Psychology 4
STA 1020 Elementary Statistics 3

University Requirements (see General Education program)
American Society and Institutions (AI)
Critical Thinking (CT)
Foreign Culture (FC)
Historical Studies (HS)
Social Sciences (SS)
Visual and Performing Arts (VP)

Total Credits 46

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
Third and Fourth Years

Course | Title | Credits | Fall Semester | Credits | Winter Semester | Credits | Total Credits
--- | --- | --- | --- | --- | --- | --- | ---

Third Year
Spring/Summer Semester
RDT 3100 Introduction to Radiologic Technology 2
RDT 3200 Radiation Biology and Advanced Protection 3
RDT 3400 Clinical Education I 1-6

RDT 3500 Patient Care 3
RDT 3700 Radiographic Procedures II 3
RDT 3900 Clinical Education III 6

Credits 6-11

Fall Semester
PT 6500 Pharmacology 2
RDT 3090 Directed Study 1
RDT 3300 Radiographic Procedures I 3
RDT 3600 Clinical Education II 6

RDT 4100 Radiographic Quality/Exposure 3
RDT 4200 Radiographic Pathology 3
RDT 4600 Radiology Seminar 1-3
RDT 4700 Clinical Education V 6
RDT 4800 (WI) Independent Study 1

RDT 4000 Jurisprudence for Radiographers 3

Credits 13

Total Credits 65-72

Winter Semester
RDT 3500 Radiographic Pathology 3
RDT 3700 Radiology Seminar 1-3
RDT 4700 Clinical Education VI 6
RDT 4900 Jurisprudence for Radiographers 3

Credits 13-15

Fourth Year
Spring/Summer Semester
RDT 3800 Cross-Sectional Anatomy 3
RDT 4300 Clinical Education IV 6

Credits 9

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