# Radiologic Science Major: Radiologic Technology Emphasis

**Starting in MTH 150**

| Year One Fall | |
|---|---|
| BIO 105 (General Biology, GE:05) | 4 |
| ^MTH 150 (College Algebra, GE: 02) | 4 |
| ^GE:01 ENG 110 or ENG 112 (College Writing) | 3 |
| GE:04 (World History) | 3 |
| | |
| **Total Credits** | **14** |

| Year One Winter | |
|---|---|
| GE Optional | 3 |
| **Total Credits** | **3** |

| Year One Spring | |
|---|---|
| ^CHM 103 (General Chemistry I, GE 05) | 5 |
| GE: 03 (Minority Cultures) | 3 |
| GE:01 CST 110 (Communicating Effectively) | 3 |
| GE: 00 FYS 100 (First Year Seminar) | 3 |
| GE:08 (Arts) | 2-3 |
| **Total Credits** | **15-16** |

| *Year Two Fall* | |
|---|---|
| ^BIO 312(Anatomy & Physiology I) | 4 |
| GE:06 Pick one (PSY 100, SOC 110, or SOC 120) | 3 |
| CT 100 (Computational Thinking) (GE:02) | 3 |
| GE:04 (Global Studies) | 3 |
| GE:08 (Arts) | 2-3 |
| **Total Credits** | **15-16** |

| Year Two Winter | |
|---|---|
| GE Optional | 3 |
| **Total Credits** | **3** |

| Year Two Spring | |
|---|---|
| ^ BIO 313 (Anatomy & Physiology II) | 4 |
| PHY 134: (Physics for Nuclear and Radiologic Sciences) | 4 |
| GE:07 (Humanistic Studies- Literature) | 3 |
| GE:09 (Health & Well-Being) | 3 |
| HP 250 (Medical Terminology) | 1 |
| **Total Credits** | **15** |

| Second Year Summer (Optional) |
|---|
| Students can use this summer to finish any remaining GE's or Pre-Prof courses prior to starting program |

***** Apply to RAD Program (Fall of Sophomore Year)

**^** Course has pre-requisite or specific placement score needed to enroll

To enroll in BIO 312, students must earn a “C” or better in BIO 105 **AND** CHM 103

- Winter and Summer terms are optional, but students can use them to spread out credit load, complete requirements for admission or take an elective course or course towards a minor if students has one.
- All general education and pre-professional courses must be completed by the time a student starts the RAD program
- General education courses do not need to be taken in this exact order; this is just one example.
- It is advised that students create their own semester by semester plan to track completed courses and future course plans.
- Students outside of UWL may elect to take PHY 103 instead of PHY 134.

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# Pre-RAD Admission Course Requirements

| General Education Requirements |
|---|
| **GE:00** (First Year Seminar) |
| **GE:01** (Literacy) |
| **GE:02** (Mathematical/Logical systems and modern languages) |
| **GE:03** (Minority Cultures) |
| **GE:04** (International and multicultural studies) |
| **GE:05** (Science) |
| **GE:06** (Self and society) |
| **GE:07** (Humanistic studies) |
| **GE:08** (Arts) |
| **GE:09** (Health and physical well-being) |

| Pre-Professional Courses |
|---|
| **MTH 150** (College Algebra) |
| **CT 100** (Computational Thinking) |
| **CHM 103** (General Chemistry I) |
| **BIO 105** (General Biology) |
| **BIO 312** (Anatomy & Physiology I) |
| **BIO 313** (Anatomy & Physiology II) |
| **PHY 134** (Physics for Nuclear and Radiologic Sciences) |
| **Select One: PSY 100, SOC 110 or SOC 120** (Psychology or Sociology) |
| **HP 250** (Medical Terminology) |

- Must complete all General Education Courses and Pre-Professional Courses with a grade of **"C" or higher**
- Must have an **Overall GPA of 2.5** or higher, as well as a **Pre-Professional GPA of 2.5** or higher
- The number of students admitted to the major is dependent on the number of clinical internship sites and their student capacity.
- Admission to the major is on a **competitive basis**. Students are advised to apply for admission to the professional program late in the fall semester of their sophomore year after having taken or registered for the pre-professional requirements. It is, however, appropriate to apply as a junior.

****Please visit the UWLAX Radiologic Technology Webpage for a complete list of admission requirements****

Direct specific advising questions to Chris Helixon or Courtney Pearson in the Pre-Health Advising Center.

## Radiologic Technology Professional Program

**At UW Health Clinical Internship Site**

| Year Three Fall | | Year Three Spring | | Year Three Summer | |
|---|---|---|---|---|---|
| RAD 306 Imaging Procedures I | 5 | RAD 307 Seminar in Radiology- Ethics, Law, and Medical Records | 3 | RAD 309 Imaging Procedures II | 3 |
| RAD 350 Introduction to Radiologic Sciences and Health Care | 2 | RAD 308 Imaging Procedures II | 5 | RAD 372 Radiography Clinical Education III | 4 |
| RAD 351 Radiation Protection | 2 | RAD 362 Principles of Imaging II | 3 | **Total Credits** | **7** |
| RAD 353 Principles of Imaging I | 3 | RAD 364 Radiography Clinical Education II | 3 | | |
| RAD 355 Radiography Clinical Education I | 3 | **Total Credits** | **14** | | |
| **Total Credits** | **15** | | | | |

| Year Four Fall | | Year Four Spring | | Year Four Summer | |
|---|---|---|---|---|---|
| RAD 401 Seminar in Radiography II- Research in Radiologic Sciences | 2 | RAD 360 Radiation Biology | 2 | RAD 485 Professional Development in Radiography | 2 |
| RAD 470 Radiologic Physics | 2 | RAD 475 Seminar in Radiography III- Physics II | 2 | RAD 486 Radiography Clinical Education VI | 4 |
| RAD 473 Imaging Procedures IV | 2 | RAD 478 Radiographic Pathology | 3 | **Total Credits** | **6** |
| RAD 474 Radiography Clinical Education IV | 3 | RAD 479 Radiography Clinical Education V | 3 | | |
| RAD 477 Cross-Sectional Anatomy | 3 | RAD 480 Seminar in Radiography IV- Image Analysis | 2 | | |
| **Total Credits** | **12** | **Total Credits** | **15** | | |