The Profession

Radiographers make diagnostic x-ray images of patients. To become a radiographer requires competence in a variety of equipment, including computed tomography, mammography, and magnetic resonance imaging. Radiographers are in high demand throughout the U.S. and career opportunities in radiography are excellent.

Radiographers work in a variety of settings, including hospitals, clinics, doctors’ offices, and industry. Work hours are varied with some on-call requirements (including evenings, nights, holidays, and weekends).

Career mobility for radiographers is excellent. With further education or experience, opportunities exist for advancement in education, management, and additional imaging modalities. On average, radiographers earn an annual salary of $57,378. [2011 data from www.iSEEK.org]

Applying to the BSHP

Applications for the BSHP must be submitted online by February 1. The application is available at www.r.umn.edu/apply.

Applicants must also submit:

- Official transcripts from all colleges attended
  * If an AA or AS degree has not been awarded, an official high school transcript is required.
- Application essay

Selected applicants will be invited to Rochester to interview at Mayo School of Health Sciences in March. Notification of admission decisions will be made by UMR mid to late April. Classes begin August 1.

Contact Information

For additional information about the BSHP degree, contact:
Admissions Office
University of Minnesota Rochester
E-mail: ApplyUMR@r.umn.edu
Telephone: 1-877-280-4699 | Website: www.r.umn.edu/bshp

For additional information about Radiography, contact:
Jill M. Anderson, Program Director
Radiography
Mayo School of Health Sciences
E-mail: radiography.admissions@mayo.edu
Telephone: 507-284-0208 | Website: www.mayo.edu/mshs

Bachelor of Science in Health Professions
Radiography


Medical imaging to assess and assist in the treatment of injury and disease
The Bachelor of Science in Health Professions (BSHP) is an educational collaboration between the University of Minnesota Rochester (UMR) and Mayo School of Health Sciences (MSHS).

The BSHP Radiography Track delivers upper-division curriculum designed to prepare students to become well-rounded, fully competent radiographers in an environment based on teamwork and mutual respect. Radiography is an exciting and challenging career involving the use of highly sophisticated equipment to create x-rays – anatomical images that are used by physicians to diagnose disease, injury or disability. Radiographers have direct patient contact in clinic and hospital settings and are valuable members of the primary healthcare team.

The mission of the Radiography Track is to encourage talented and dedicated individuals to pursue careers in radiography and prepare them for the profession by providing a high quality, professional curriculum that presents a broad didactic component, comprehensive clinical rotations, and an environment that instills professional affective skills.

Upon successful completion of the coursework, students will receive a Bachelor of Science in Health Professions degree from the University of Minnesota and a certificate in Radiography from Mayo School of Health Sciences and be eligible to take the appropriate professional certification examinations.

All courses originate in Rochester. Academic coursework is offered at UMR or MSHS and is coordinated with clinical rotations at Mayo Clinic to optimize the learning experience.

Faculty
Mayo School of Health Sciences draws its faculty from Mayo Clinic’s clinical, scientific, and technical staffs. They are chosen for their commitment to teaching as well as clinical practice and/or research. Many have published and lectured extensively and are highly regarded in their field. Students will have direct access to these individuals throughout their training, allowing them the opportunity to learn directly from some of today’s best practitioners.

University of Minnesota Rochester faculty are committed to the development of integrated curricula and working closely with colleagues from Mayo School of Health Sciences to design technology-enhanced courses that address current issues and trends relevant to the health care industry.

Patient Care Experience
The Radiography Track does not require Certified Nursing Assistant (C.N.A.) or Patient Care Assistant (P.C.A.) licensure, but encourages some type of patient care experience or job shadowing. Patient care experience can strengthen an application. Patient care techniques are taught in the first semester and continue to be addressed throughout the entire program.

Prerequisite Coursework
Students complete lower-division (freshman-sophomore) courses at the University of Minnesota Rochester or at regionally accredited colleges and universities. Students must also complete all University of Minnesota liberal education and theme requirements prior to admission to the BSHP. The following list of prerequisites must be completed or in progress before application to the program:

- English Composition
- College Algebra (or higher level math course)
- Statistics
- General Psychology
- Ethics
- Public Speaking
- Medical Terminology
- General Chemistry
- [Human] Anatomy or Anatomy & Physiology I with lab
- [Human] Physiology or Anatomy & Physiology II
- Microbiology with lab
- Physics with lab

All prerequisite courses and liberal education requirements are outlined on the BSHP Prerequisite Course and Liberal Education Planning Chart available online at www.r.umn.edu/bshp.

Accreditation
The University of Minnesota and Mayo School of Health Sciences hold regional accreditation by the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools. The Radiography Track is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Upper-Division Curriculum
Total of 62 credits

All students will participate in the same curriculum in years three and four. The challenging, high quality curriculum for the program is designed with courses in a specific sequence, progressively building students’ expertise as they advance through the program. Academic coursework is coordinated with clinical rotations to optimize the learning experience.

Fall Semester of Junior Year - 14 credits
- HP 3021 Patient Care Techniques (1 cr)
- RADI 3011 Foundations of Radiography (2 cr)
- RADI 3021 Radiography Patient Care Techniques (1 cr)
- RADI 3101 Radiographic Procedures I (3 cr)
- RADI 3111 Radiation Physics (2 cr)
- RADI 3301 Clinical Practicum I (5 cr)

Spring Semester of Junior Year - 14 credits
- RADI 3102 Radiographic Procedures II (7 cr)
- RADI 3302 Principles of Radiographic Exposure (2 cr)
- RADI 3303 Clinical Practicum II (5 cr)

Summer Semester between Junior and Senior Year - 8 credits
- RADI 3503 Radiographic Factor Analysis (1 cr)
- RADI 3603 Applied Radiographic Topics (1 cr)
- RADI 4303 Clinical Practicum III (6 cr)

Fall Semester of Senior Year - 13 credits
- RADI 4101 Radiographic Procedures III (3 cr)
- RADI 4241 Radiation Protection – Advanced Imaging (3 cr)
- RADI 4401 Clinical Practicum IV (7 cr)

Spring Semester of Senior Year - 13 credits
- HP 4802 Health Economics and Finance (3 cr)
- HP 4902 Management and Leadership in Healthcare (2 cr)
- RADI 4402 Clinical Practicum V (8 cr)

About the Radiography Track

Students majoring in the BSHP must complete at least 120 credits which may be transfer credits or credits from the University of Minnesota. A minimum of 62 credits must be completed in the Radiography Track. Courses are subject to change.