

# Department of Allied Sciences

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The Department of Allied Sciences within the College of Health Professions offers three undergraduate programs that lead to a Bachelor of Science degree: Medical Laboratory Science, Radiologic Sciences, and Respiratory Care.

The department's mission is to prepare students with the knowledge, skills, and professional traits necessary to become competent, compassionate, and contributing professionals in their career choice of Medical Laboratory Science, Radiologic Sciences or Respiratory Care. In support of this mission, the department and its affiliated hospital programs offer a curriculum that promotes the development of a graduate who thinks critically and independently, whose behavior is guided by ethical and professional values, and who is prepared for lifelong learning and leadership in their profession.

A Bachelor of Science, major in Medical Laboratory Science (MLS), includes three years of academic courses on campus followed by an 11-12 month full-time professional-level internship in an affiliated hospital's MLS program during which students complete classes and clinical education specific to MLS. All affiliated hospital programs are accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Graduates are eligible to take the national certifying exam administered by the American Society for Clinical Pathology Board of Certification (ASCP BOC) to earn the MLS credential.

A Bachelor of Science, major in Radiologic Sciences (RS), includes two or more years of academic courses on campus followed by a two-year full-time professional internship within a hospital-based program affiliated with NDSU. Three unique and specialized internships are available to RS majors at NDSU – radiography, diagnostic medical sonography, and echocardiography. The internship focuses on applied didactic and clinical education that prepares the graduate to work in their respective discipline of radiography, diagnostic medical sonography or echocardiography. Affiliated hospital-based programs in radiologic technology/radiography are accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). RS radiography graduates are eligible to take the national certifying exam administered by the American Registry of Radiologic Technologists to earn the RT(R) credential.

A Bachelor of Science, major in Respiratory Care (RC), includes two to three years of academic courses on campus and a 15-month full-time professional-level internship at Sanford Health, Fargo, ND, where class and clinical education is specifically applied to the practice of respiratory care. The NDSU/Sanford Respiratory Care Program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). Graduates are eligible to complete a series of national certifying exams that lead to the registered respiratory therapist (RRT) credential.

Students interested in MLS, RC and/or RS should plan to meet with an allied sciences academic advisor while exploring career options and upon declaring an allied sciences major to create a plan of study for successful completion of degree requirements.

Medical Lab Science (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/health-professions/allied-sciences/medical-laboratory-science>)

Radiologic Sciences (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/health-professions/allied-sciences/radiologic-sciences>)

Respiratory Care (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/undergraduate/colleges/health-professions/allied-sciences/respiratory-care>)