

# Department of Allied Sciences

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## Welcome to North Dakota State University's Department of Allied Sciences

The Department of Allied Sciences 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 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 prepares them for lifelong learning and leadership in their profession.

A Bachelor of Science, major in Medical Laboratory Science (MLS), includes three years of academic coursework on campus, followed by an 11-12 month professional program or "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 coursework on campus and a two year professional program/internship at an affiliated hospital's school of radiologic technology where students learn diagnostic radiography principles and practices. Affiliated hospital programs are accredited by the Joint Review Committee for Education in Radiologic Technology (JRCERT). Graduates are eligible to take the American Registry of Radiologic Technologists (ARRT) certifying exam to earn the registered technologist in radiography RT(R) credential.

A Bachelor of Science, major in Respiratory Care (RC), includes two-three years of academic coursework on campus and a 15-month professional program/internship at Sanford Health in Fargo, 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). Upon completion of all degree requirements, 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 suitable plan of study for successful completion of degree requirements.

Medical Lab Science (<http://bulletin.ndsu.edu/past-bulletin-archive/2014-15/undergraduate/colleges/pharmacy-nursing-allied-sciences/allied-sciences/medical-laboratory-science>)

Radiologic Sciences (<http://bulletin.ndsu.edu/past-bulletin-archive/2014-15/undergraduate/colleges/pharmacy-nursing-allied-sciences/allied-sciences/radiologic-sciences>)

Respiratory Care (<http://bulletin.ndsu.edu/past-bulletin-archive/2014-15/undergraduate/colleges/pharmacy-nursing-allied-sciences/allied-sciences/respiratory-care>)