ALLIED HEALTH

Bachelor of Science in Allied Health Care Administration (275002BS)

More on the Allied Healthcare Administration (https://www.uakron.edu/allied-health/baha/)

Allied Health Care Administration managers work closely with clinical and administrative staff as they process, analyze and report information vital to the delivery of health care. Through this program, students will gain knowledge and experience in both the clinical and business sides of health care.

The Bachelor of Allied Health Care Administration degree allows new students and those holding an Associate of Applied Science degree to earn a bachelor’s degree, often a requirement to move into supervisory or management roles.

This degree can also put graduates on a path toward master’s and doctoral-level work in many health-care related professions.

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Bachelor of Science in Respiratory Therapy (279002BS)

More on the Respiratory Therapy (https://www.uakron.edu/allied-health/respiratory-care/)

Respiratory Therapists assess, treat and care for patients with cardiopulmonary disorders. Primary responsibilities include initiation of and monitoring of therapeutic procedures, administering medications, maintaining patient records, selecting, assembling, operating and maintaining cardiopulmonary life-sustaining equipment.

Respiratory Therapists care for neonatal, pediatric and adult patients from birth to the final stage of life, and may be employed by acute-care hospitals, clinics, long-term acute care facilities, physician offices, pulmonary rehabilitation centers, home-care agencies, sleep-labs, medical device sales companies, as well as participate in intra-facility critical care ground and air transport at some hospitals.

The AAS to BSRT Degree Advancement Program (DAP) is designed for National Board for Respiratory Care (NBRC) credentialed Registered Respiratory Therapists (RRTs) currently holding an Associate of Applied Science degree in Respiratory Care desiring to complete their Bachelor of Science in Respiratory Therapy degree. Respiratory Therapy core program courses can be completed entirely in-person, online synchronous or asynchronous. Courses will be taught in person, live-streamed, and/or recorded to meet the demands of working RRTs.

Admission is considered for AAS graduates with at least 60 credit hours from a Respiratory Care program accredited by the Commission on Accreditation for Respiratory Care (CoARC). Students must also hold an active Registered Respiratory Therapist (RRT) credential in good standing from the National Board for Respiratory Care (NBRC). Students must earn the last 30 credit hours from The University of Akron to be considered for graduation from the Bachelor of Science in Respiratory Therapy program.

Requirement: The program requires the following prerequisite courses to be completed with a C or better. Math requirement (Algebra equivalent or above), Medical Terminology, Concepts in Respiratory Therapy, Principles of Microbiology, Anatomy and Physiology I (lecture/lab) requirement, and Introduction to General, Organic & Biochemistry (lecture/lab). Program applications are due by November 30th each year, with the new cohort starting in the spring semester.

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Certificate in Healthcare Services Coding and Reimbursement (275003C)

The Health Care Services Coding and Reimbursement certificate is designed to provide graduates an in-depth understanding of how healthcare services are reimbursed by insurance. In the case of those graduates who will bill for their services, that understanding will make them more attractive to healthcare system employers. In the case of graduates seeking to move into a managerial role in their department or operational setting, that understanding is fundamental to maximizing the department’s revenue stream, again making the UA graduate a more attractive employee manager.

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• Allied Health Care Administration, BS (https://bulletin.uakron.edu/undergraduate/colleges-programs/health-professions/allied-health-technology/allied-health-care-administration/)
• Health Care Services Coding and Reimbursement, Certificate (https://bulletin.uakron.edu/undergraduate/colleges-programs/health-professions/allied-health-technology/healthcare-services-coding-reimbursement/)
• Respiratory Therapy, BS (https://bulletin.uakron.edu/undergraduate/colleges-programs/health-professions/allied-health-technology/respiratory-therapy-bs/)

Allied Healthcare Administration (BAHA)

BAHA:120 Medical Terminology (3 Credits)

Medical Terminology includes the study of medical prefixes, suffixes, word roots, combining forms, and with an emphasis on pronunciation, spelling, and abbreviations. Medical Terminology related to the body systems will be emphasized. The purpose of the course is to equip the student with a basic understanding of the tools needed to learn medical terminology as it relates to the body systems with an emphasis on spelling and pronunciation. (Formerly 2750:120)

BAHA:121 Study of Disease Processes (3 Credits)

This course studies human disease and the disease process including treatments, causes, incidence, signs and symptoms, and diagnosis. (Formerly 2750:121)
BAHA:122 Emergency Responder I (1 Credit)
Theory and practice in recognition and response to emergencies by the medical professional including but not limited to: breathing difficulty, cardiac arrest, heart attack, stroke, bleeding, wound care, musculoskeletal injuries, burns, poisonings, heat and cold exposure, and diabetic care. (Formerly 2750:122)

BAHA:200 Health Record Content (3 Credits)
Introduction to the contents and design of health records (paper and electronic) and discussion of how clinical documentation facilitates the function of the delivery system. (Formerly 2750:200)

BAHA:220 Introduction to Health Care Analytics (3 Credits)
This course is designed to introduce students to both healthcare analytics and the use of Microsoft Excel. Healthcare analytics can be used to provide actionable insights that aid providers, hospitals, and government agencies can use in making decisions about patient care and operations. The goal of healthcare analytics is to improve patient outcomes and provide value to provider organizations.

BAHA:226 Healthcare Statistics and Registries (3 Credits)
Prerequisites: 2030:130 and CISS 105. This course covers computations of routine healthcare institutional statistics, the presentation and interpretation of healthcare data, and the use of disease and procedural registries. (Formerly 2750:226)

BAHA:227 Basic Procedural Coding (3 Credits)
Prerequisite: BAHA 120. Class focuses on converting the procedural language into industry standard character strings for purposes of reimbursement CPT and HCPCS codes; learning how to convert procedural statements into CPT and HCPCS codes; learning how to apply carrier rules for reimbursement. (Formerly 2750:227)

BAHA:229 Basic Diagnostic Coding (3 Credits)
Prerequisite: BAHA 120. This class focuses on converting the diagnostic language into industry standard character strings ICD-10-CM for purposes of reporting, research, and reimbursement. (Formerly 2750:229)

BAHA:230 Basic Pharmacology (3 Credits)
This course is an introduction to pharmacology, organized and presented by therapeutic classification. Topics will include pharmacokinetics, factors which influence drug actions, routes or administration, and adverse effects. (Formerly 2750:230)

BAHA:302 Clinical Information Systems (3 Credits)
Discussion of clinical systems including history of EHR and EMR, the theories behind systems, implementation, evaluation pathways, "Meaningful Use" and the architecture in different settings. (Formerly 2750:302)

BAHA:303 Healthcare Coding Capstone (3 Credits)
Prerequisites: BAHA 227 and BAHA 229. Through case studies, the class is intended to prepare the student for either the AAPC CPC or the AHIMA CCS-P certification exam. (Formerly 2750:303)

BAHA:304 Healthcare Management Foundations (3 Credits)
This course focuses on the circumstances unique to the health care industry management as manifested by patient privacy, outsourcing, and telecommunications. (Formerly 2750:304)

BAHA:328 Medical Insurance (3 Credits)
Prerequisites: BAHA 120, BAHA 227, and BAHA 229. This course examines the nature of medical insurance reimbursement for medical services. Students will be equipped with an understanding of insurance and reimbursement methodologies. (Formerly 2750:328)

BAHA:331 Advanced Healthcare Coding Topics (3 Credits)
Prerequisites: BAHA:227 and BAHA:229. An advanced coding course that builds on the CPT and HCPCS codes sets and the ICD-10-CM code set and introduces a series of detailed management topics related to coding. (Formerly 2750:331)

BAHA:336 Legal Concepts of Healthcare (3 Credits)
Study of legal principles related to patient care and patient records. (Formerly 2750:336)

BAHA:350 Coding Practicum (3 Credits)
Prerequisites: BAHA 227, BAHA 229, BAHA 303, and BAHA 331. The coding practicum course provides professional experience in an approved site under the direction of a coding or HIM faculty member and an onsite coordinator. (Formerly 2750:350)

BAHA:401 Management Information Systems (3 Credits)
This senior level course focuses on the management of HIM through case studies and textbook work. (Formerly 2750:401)

BAHA:402 Quality Management in Healthcare (3 Credits)
Prerequisites: BAHA 200 and BAHA 328 or permission. An introduction of the methods used to define, implement, and monitor total quality management in health care. (Formerly 2750:402)

BAHA:410 Healthcare Research (3 Credits)
Prerequisites: ENGL 222 and STAT 260. Through review of research, HIM students in this class will learn how to support clinicians' data needs while research is conducted. (Formerly 2750:410)

BAHA:411 Healthcare Finance (3 Credits)
Prerequisites: [COMM 211 or ACCT 201], BAHA 227, BAHA 229 and BAHA 328. Integration of principles learned in accounting, coding, and insurance prerequisites into an exploration of financial management in the sector of the economy that is healthcare. (Formerly 2750:411)

BAHA:412 Current Topics in HIM (3 Credits)
Prerequisites: BAHA 200, BAHA 302, BAHA 303, BAHA 304, BAHA 331, BAHA 336, BAHA 402, and BAHA 411. Concepts of HIM are integrated and applied through the analysis of case studies and the completion of a capstone project. (Formerly 2750:412)

BAHA:420 HIM Capstone (4 Credits)
Prerequisites: BAHA 200, BAHA 226, BAHA 302, BAHA 303, BAHA 304, BAHA 331, BAHA 336, BAHA 402, and BAHA 411. This course prepares senior HIM students for the Registered Health Information Administrator (RHIA) national certification examination. (Formerly 2750:420)

BAHA:450 HIM Practicum (3 Credits)
Prerequisites: BAHA 200, BAHA 302, BAHA 303, BAHA 304, BAHA 331, BAHA 336, BAHA 402, and BAHA:411. The HIM practicum course provides professional experience in an approved site under the direction of a coding or HIM faculty member and an onsite coordinator. (Formerly 2750:450)

Allied Health (ANAT)

ANAT:206 Applied Human Anatomy & Physiology I (3 Credits)
This course is designed to familiarize students to the structure, function, and physiology of the human body. Topics covered include organization of the body, chemistry, cells, tissues, integumentary system, the skeletal, articulations, muscular system, respiratory system, blood, and cardiovascular system. (Formerly 2780:206)

Ohio Transfer 36: Yes

Gen Ed: - Natural Science
ANAT:207 Applied Human Anatomy & Physiology II (3 Credits)
This course is designed to familiarize students with the structure, function, and physiology of the human body. This course is the second portion of a two part course. Topics covered include the following body systems: nervous system, senses, endocrine system, lymphatic system, immune system, digestive system, urinary system, male reproductive system, female reproductive, and life span development. (formerly 2780:207)

RESP:303 Cardiopulmonary Pathology (4 Credits)
Prerequisites: RESP 301 and RESP 302. Discussion of diseases of the heart and lungs, and their relationship to the role of the respiratory therapist. (formerly 2790:303)

RESP:311 Respiratory Therapy Procedures II (3 Credits)
Prerequisites: [RESP 210 and ANAT 207] or [BIOL 202 and BIOL 203]. Airway Care and Lung Inflation Techniques. Lecture/laboratory. (formerly 2790:311)

RESP:312 Diagnostics I (3 Credits)
Prerequisite: RESP 210. Corequisites: RESP 301, RESP 302, and RESP 311. Bedside screening studies for the evaluation of cardiopulmonary diseases. Lecture/laboratory. (formerly 2790:312)

RESP:313 Diagnostics II (3 Credits)
Prerequisites: RESP 311 and RESP 312. Corequisite: RESP 303. Laboratory diagnostic studies for the evaluation of cardiopulmonary diseases. Lecture/laboratory. (formerly 2790:313)

RESP:315 Advanced Pharmacology for Respiratory Therapy (3 Credits)
Prerequisite: RESP 215. Pharmacologic actions and effects of Cardiopulmonary Medications. (formerly 2790:315)

RESP:320 Neonatal/Pediatrics for Respiratory Therapy I (3 Credits)
Prerequisite: RESP 301. In depth coverage of neonatal & pediatric respiratory care concepts. Emphasis placed on anatomy and physiology, assessment, and therapeutics. (formerly 2790:320)

RESP:325 Mechanical Ventilation (4 Credits)
Prerequisites: RESP 303, RESP 312, RESP 315, RESP 320, and RESP 341. Introduction to mechanical ventilation and equipment. Lecture/lab. (formerly 2790:325)

RESP:340 Application of Clinical Concepts (2 Credits)
Prerequisite: RESP 210. Corequisite: RESP 301. Introduction to basic respiratory therapy in a hospital setting, and hands-on practice with respiratory therapy equipment, including CPR for the professional. Lecture/clinical. (formerly 2790:340)

RESP:341 RT Clinical Experience I (3 Credits)
Prerequisites: RESP 215, RESP 311, and RESP 340. Application of clinical procedures in a hospital setting, with emphasis on basic therapeutic interventions. Clinical: 225 clinical hours. (formerly 2790:341)

RESP:342 RT Clinical Experience II (2 Credits)
Prerequisites: RESP 315, RESP 325, and RESP 341. Application of clinical procedures in a hospital setting, with emphasis on mechanical ventilation techniques. 150 clinical hours. (formerly 2790:342)

RESP:413 Respiratory Therapy in Alternate Settings (3 Credits)
Prerequisite: RESP 313. Pulmonary rehabilitation and home care, as well as care in alternate settings. Lecture/lab. (formerly 2790:413)

RESP:420 Advanced Neonatal/Pediatrics for Respiratory Therapy (3 Credits)
Prerequisite: RESP 320. Detailed study of airway management, pathophysiology and treatment modalities as they relate to neonatal/pediatrics. (formerly 2790:420)

RESP:421 Advanced Critical Care (3 Credits)
Prerequisites: RESP 303, RESP 315, RESP 320, and RESP 340. This course will provide an in-depth overview of advanced mechanical ventilator modes, advanced mechanical ventilator management strategies, complex disease processes and disease management which includes critical care pharmacology. Advanced Cardiovascular Life Support (ACLS), including advanced ECG interpretation, and Pediatric Advanced Life Support (PALS) introductory concepts will also be discussed. (formerly 2790:421)
RESP:430 Problems in Respiratory Therapy (4 Credits)
Prerequisites: RESP 313, RESP 420, and RESP 443. Capstone course, applies the concepts from clinical situations, using computer simulations and cases and evaluates research in Respiratory therapy. (Formerly 2790:430)

RESP:443 RT Clinical Experience III (4 Credits)
Prerequisite: RESP 342. Rotation to a variety of Health care facilities to practice specialty procedures in each institution. 300 clinical hours (Formerly 2790:443)

RESP:444 RT Clinical Experience IV (4 Credits)
Prerequisite: RESP 443. Rotation to a variety of health care facilities to practice specialty procedures from each institution. Clinical (total of 300 hours). (Formerly 2790:444)