ALLIED HEALTH

Bachelor of Science in Allied Health Care Administration (275002BS)
More on the Allied Healthcare Administration (https://www.uakron.edu/allied-health/baha/)

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Bachelor of Science in Respiratory Therapy (279002BS)
More on the Respiratory Therapy (https://www.uakron.edu/allied-health/respiratory-care/)

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Certificate in Healthcare Services Coding and Reimbursement (275003C)

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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: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 Advanced Coding II (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 Coding I (3 Credits)
Prerequisites: BAHA 120, 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 w/LAB

ANAT:207 Applied Human Anatomy & Physiology II (3 Credits)
This course is designed to familiarize students 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)
Ohio Transfer 36: Yes
Gen Ed: - Natural Science w/LAB

ANAT:210 Applied Human Anatomy & Physiology Lab I (1 Credit)
Pre/Corequisite: ANAT 206. This course is an adjunct to the lecture of the structure and function of the human body. This course will be hands on learning to assist in the understanding of anatomy and physiology. Topics covered include organization of the body, chemistry, cells, tissues, skeletal system, muscular system, hematology, cardiovascular, and respiratory systems. (Formerly 2780:210)
Gen Ed: - Natural Science w/LAB

ANAT:211 Applied Human Anatomy & Physiology Lab II (1 Credit)
Pre/Corequisite: ANAT 207. This course is an adjunct course of an introduction to the structure and function of the human body. This course will be hands on learning to assist in the learning of anatomy and physiology. Topics covered include the following body systems: nervous, senses, endocrine, digestive, urinary, reproductive, lymphatic, and human development. (Formerly 2780:211)
Gen Ed: - Natural Science w/LAB

ANAT:290 Special Topics: Allied Health (1-2 Credits)
Prerequisite: Permission. Selected topics or subject areas of interest in allied health. (May be repeated for a total of four credits) (Formerly 2780:290)

Respiratory Care (RESP)

RESP:100 Concepts in Respiratory Therapy (3 Credits)
Prerequisites: MATH 152 and MATH 153. Introductory concepts regarding the practice and application of the theories employed in respiratory therapy, including career information, equipment (lecture/discussion) (Formerly 2790:100)

RESP:210 Respiratory Therapy Procedures I (3 Credits)
Prerequisites: [RESP 100, BAHA 120, and ANAT 206] or [BIOL 200 and BIOL 201]. Application of oxygen aerosol therapy equipment. Lecture/laboratory. (Formerly 2790:210)

RESP:215 Respiratory Therapy Pharmacology (3 Credits)
Prerequisites: RESP 100, CHEM 110, and CHEM 111. Pharmacologic actions and effects of medications delivered by respiratory therapists, and routes of administration. (Formerly 2790:215)

RESP:290 Special Topics: Respiratory Care (1-3 Credits)
Prerequisite: Permission. Selected topics or subject areas of interest in respiratory therapy technology. (May be repeated for a maximum of three credits) (Formerly 2790:290)

RESP:301 Cardiopulmonary Assessment Techniques (2 Credits)
Prerequisite: ANAT 207 or [BIOL 202 and BIOL 203]. Overall patient assessment, with concentration on the cardiopulmonary systems. Overview of common illness and related clinical manifestations. Lecture/laboratory. (Formerly 2790:301)

RESP:302 Cardiopulmonary Anatomy and Physiology (3 Credits)
Prerequisites: [RESP 210 and ANAT 207] or [BIOL 202 and BIOL 203]. Corequisite: RESP 301. Study of normal anatomy and physiology of cardiopulmonary systems. (Formerly 2790:302)

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 Neonatal/Pediatrics for Respiratory Therapy II (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 from 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)