



U.A.M.S. / U.A.C.C.B. RESPIRATORY CARE PROGRAM

The Respiratory Care Program is offered through a partnership of U.A.C.C.B. and the University of Arkansas for Medical Sciences (U.A.M.S.). Following satisfactory completion of all respective degree requirements, U.A.M.S. is authorized to award the Bachelor of Science degree with a major in cardio-respiratory care. The BS degree program is available at U.A.C.C.B. as an extension of the existing program at U.A.M.S. Students at U.A.C.C.B. complete all required general education and prerequisite courses locally or at another regionally-accredited college or university of their choice. Once admitted to the U.A.M.S. professional curriculum, students complete the lecture course work using distance education technology, primarily interactive videoconferencing supplemented by Blackboard / WebCT via the Internet.

In addition to the lecture courses taught by U.A.M.S. faculty by videoconference, students complete respiratory care laboratory courses at U.A.C.C.B. directed by a U.A.C.C.B. faculty member who also holds a U.A.M.S. faculty appointment. Clinical education experiences are provided at facilities at or near Batesville, though students would be required to travel to Jonesboro, Searcy, Little Rock, or other locations for some clinical rotations.

Students admitted to the Respiratory Care Program become U.A.M.S. students, follow the U.A.M.S. calendar, pay tuition and fees to U.A.M.S. based on the U.A.M.S. scale and therefore receive all professional course credit from U.A.M.S. Upon satisfactory completion of all degree requirements, U.A.M.S. confers the B.S. degree.

Additional information may be found at the U.A.M.S. web site:

<http://www.uams.edu/chrp/respiratorycare/>

Respiratory Care Program

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U.A.M.S. / U.A.C.C.B. PREREQUISITE COURSES General Education Courses (63 SC)

Part-Time Program: A minimum of 34 out of 63 SC of the following specified B.S. Degree pre-requisite courses, including a minimum of 4 SC of Human Anatomy and Physiology are required prior to admission into the first professional semester. The part-time professional program is 3 years in length.

Full-Time Program: All specified B.S. Degree pre-requisite courses are required prior to admission into the first professional semester. The full-time professional program is 2 years in length.

SCIENCE* - 19 SC

- 4 SC Human Anatomy and Physiology*
- 4 SC Microbiology
- 4 SC Chemistry
- 4 SC Physics (algebra based)
- 3 SC Computer Fundamentals

MATHEMATICS – 3 SC

- 3 SC College Algebra or Higher Mathematics

COMMUNICATIONS – 2 SC

- 2 SC Speech

LIBERAL ARTS – 15 SC

- 6 SC English Composition
- 3 SC American History or U.S. Government
- 6 SC Western Civilizations or World History

SOCIAL SCIENCES – 6 SC

- 3 SC Introduction to Psychology
- 3 SC Introduction to Sociology

FINE ARTS – 3 SC

- 3 SC Fine Arts (Art, Music, Theater Art)

HUMANITIES – 3 SC

- 3 SC Humanities (Philosophy, Political Science, Literature or Humanities)

ELECTIVES – 12 SC

* Must be suitable for science or health profession majors and include a laboratory.

- Human Anatomy and Physiology must cover all body systems. (Students completing their Human Anatomy and Physiology coursework at U.A.C.C.B. are required to complete BIOL 2003 and BIOL 2013 with corresponding laboratory courses.)
- Actual course titles may vary among institutions. Consult the program for pre-professional counseling.
- A final grade of “C” or better is required in each of the above courses.
- Fulfillment of the pre-professional curriculum does not in itself ensure admittance into the professional program.

U.A.M.S. / U.A.C.C.B. RESPIRATORY CARE FULL-TIME PROFESSIONAL CURRICULUM (62 SC)

Pre-requisite: A minimum 63 SC of specified B.S. Degree pre-requisite is required. The full-time professional program is 20 months in length.

Fall I: 14 SC

- 2 SC Cardio-Pulmonary Anatomy and Physiology I
- 4 SC Basic Assessment and Diagnosis
- 1 SC Basic Assessment and Diagnosis Laboratory
- 4 SC Equipment and Techniques I
- 1 SC Equipment and Techniques I Laboratory
- 1 SC Pharmacology I
- 1 SC Clinical Practicum I

Spring I: 14 SC

- 2 SC Cardio-Pulmonary Anatomy and Physiology II
- 2 SC Cardio-Respiratory Disorders I
- 2 SC Neonatal Respiratory Care
- 3 SC Equipment and Techniques II
- 2 SC Equipment and Techniques II Laboratory
- 1 SC Pulmonary Function Testing
- 2 SC Clinical Practicum II

Summer I: 6 SC

- 1 SC Pharmacology
- 2 SC Clinical Internship
- 3 SC Introduction to research

Fall II: 14 SC

- 2 SC Cardio-Respiratory Disorders II
- 1 SC Scholarship Project
- 3 SC Critical Care Practices
- 2 SC Advanced Assessment and Diagnosis
- 2 SC Pediatric Respiratory Care
- 4 SC Clinical Practicum III

(ACLS Certification / PALS Certification / NRP Certification / CRT Eligible in December)

Spring II: 14 SC

- 2 SC Cases Seminar
- 2 SC Alternate Care Sites
- 2 SC Leadership and Supervision
- 3 SC Cardio-Respiratory Disease Management
- 2 SC Respiratory Care Seminar
- 3 SC Senior Internship

(RRT Eligible in April)

U.A.M.S. / U.A.C.C.B. RESPIRATORY CARE PART-TIME PROFESSIONAL CURRICULUM (62 SC)

Pre-requisite: A minimum of 34 SC of specified B.S. Degree pre-requisite courses, including a minimum of 4 SC of Human Anatomy and Physiology. The professional program is 3 years in length.

Fall I: 7 SC

- 2 SC Cardio-Pulmonary Anatomy and Physiology I
- 4 SC Basic Assessment and Diagnosis
- 1 SC Pharmacology I

Spring I: 6 SC

- 2 SC Cardio-Pulmonary Anatomy and Physiology II
- 2 SC Cardio-Respiratory Disorders I
- 1 SC Pulmonary Function Testing
- 1 SC Independent Study

Summer I: 2 SC

- 1 SC Pharmacology

Fall II: 7 SC

- 1 SC Basic Assessment and Diagnosis Laboratory
- 4 SC Equipment and Techniques I
- 1 SC Equipment and Techniques I Laboratory
- 1 SC Clinical Practicum I

Spring II: 9 SC (Pre-Requisite: 4 SC Physics)

- 2 SC Neonatal Respiratory Care
- 3 SC Equipment and Techniques II
- 2 SC Equipment and Techniques II Laboratory
- 2 SC Clinical Practicum II

Summer II: 4 SC

- 2 SC Clinical Internship
- 2 SC Introduction to Research

Fall III: 12 SC (ACLS Certification / PALS Certification / NRP Certification / CRT Eligible)

- 2 SC Cardio-Respiratory Disorders II
- 1 SC Scholarship Project
- 3 SC Critical Care Practices
- 2 SC Advanced Assessment and Diagnosis
- 2 SC Pediatric Respiratory Care
- 4 SC Clinical Practicum III

Spring III: 14 SC (RRT Eligible in April)

- 2 SC Cases Seminar
- 2 SC Alternate Care Sites
- 2 SC Leadership and Supervision
- 3 SC Cardio-Respiratory Disease Management
- 2 SC Respiratory Care Seminar
- 3 SC Senior Internship