Respiratory Therapy

Faculty
Coordinator/Assistant Professor
Blakeman
Clinical Director/Instructor
Stosich

(3 Years)

One Associate of Science degree and one Bachelor of Science in Health Science degree are available (see Health Occupations Department (http://coursecat.isu.edu/undergraduate/technology/healthoccupations) section). Immediately upon deciding this major, please contact the Student Services office of the College of Technology at (208) 282-2622.

For a Program Information Packet showing descriptions of each option, course descriptions, lists of course sequences, and the cost of books, tools, uniforms, fees, and other expenses, go online to http://www.isu.edu/ctech/respiratory/.

This program requires students to achieve certain grades in order to advance each semester. Specific information is available in the program’s student handbook.

Admission to Program
1. Submit completed application for admission to Idaho State University College of Technology.
2. a) Submit all official college or university transcripts (minimum GPA 2.5). If a student has 14 or more college or university academic credits, those will be used to calculate GPA instead of high school grades.
   b) Submit an official high school transcript or GED scores (minimum GPA 2.5).
3. Job Shadowing—Complete a minimum of 12 hours of job shadowing in a respiratory therapy setting (please use form contained in application).
4. Submit proof of current Health Care Provider CPR (Cardiopulmonary Resuscitation) certification. You must remain current throughout the program.
5. The following prerequisite courses, or equivalents, must be completed with a grade of “C” or better in each course:
   - BIOL 2221 & 2221L Introductory Microbiology and Introductory Microbiology Laboratory
   - BIOL 3301 & 3301L Anatomy and Physiology and Anatomy and Physiology Lab
   - BIOL 3302 & 3302L Anatomy and Physiology and Anatomy and Physiology Lab
   - CHEM 1101 Introduction to General Chemistry
   - OR
   - CHEM 1111 & 1111L General Chemistry I and General Chemistry I Lab
   - COMM 1101 Principles of Speech
   - ENGL 1101 or ENGL 1101P English Composition or English Composition Plus
   - HO 0106 Medical Terminology
   - or HCA 2210 Medical Terminology and Communication
   - or HE 2210 Medical Terminology and Communication
   - PSYC 1101 or SOC 1101 Introduction to General Psychology or Introduction to Sociology
   - or SOC 1102 Social Problems

1. Contributes to a General Education requirement.

Upon successful completion of the Respiratory Therapy Program, graduates are eligible to take the National Board for Respiratory Care (NBRC) entry-level examination to become Certified Respiratory Therapists (CRT). They would then be eligible, and are encouraged, to complete the NBRC advanced-level examination to become Registered Respiratory Therapists (RRT).

Respiratory Therapy students must maintain a GPA of 2.0 or better, and complete all biology, health, and respiratory therapy courses with a “C” or better to remain in the program.

Associate of Science Degree: Respiratory Therapy

(3 Years)

Additional General Education (http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation) and Other Courses:

- BIOL 3301 Anatomy and Physiology 4
  & 3301L Anatomy and Physiology Lab
- BIOL 3302 Anatomy and Physiology 4
  & 3302L Anatomy and Physiology Lab
- ENGL 1102 Critical Reading and Writing (Partially satisfies General Education Objective 1) 3

Objective 3 3
Objective 4 (minimum 6 cr) 6
One Objective 6 course with different prefix from that chosen earlier 3
Objective 7 or 8 3
Objective 9 (minimum 3 cr) 3
Total Hours 29

1. If not taken prior to admission - both 3301 and 3302 are required.

Respiratory Therapy Courses

- RESP 2200 Introduction to Respiratory Care 4
  & 2200L and Introduction to Respiratory Care Lab
- RESP 2211 Pharmacotherapy for Respiratory Therapists 2
- RESP 2214 Introduction to Pulmonary Disease 4
- RESP 2231 Patient Assessment I 2
- RESP 2232 Patient Assessment II 2
- RESP 2280 Case Management I 2
- RESP 3301 Mechanical Ventilators 4
  & 3301L and Mechanical Ventilators Lab
- RESP 3310 Case Management II 2
- RESP 3320 Clinical Practice of Therapeutic Procedures I 5
RESP 3325 Clinical Practice of Therapeutic Procedures II 3
RESP 3330 Clinical Practice of Therapeutic Procedures III 5
RESP 3335 Clinical Practice of Therapeutic Procedures IV 5

Total Hours 40

Courses

**RESP 2200 Introduction to Respiratory Care: 3 semester hours.**
Introduction to the care of pulmonary patients. Focus on skills required and methods used to manage cardiopulmonary problems. Includes clinical practice of procedures and skills. COREQ: RESP 2200L. PREREQ: HO 0106 or HE/ HCA 2210 and acceptance into the RESP program. F

**RESP 2200L Introduction to Respiratory Care Lab: 1 semester hour.**
Introduction to the care of pulmonary patients utilizing skills and methods required to manage cardiopulmonary problems. PREREQ: Acceptance into the RESP program. COREQ: RESP 2200. F

**RESP 2211 Pharmacotherapy for Respiratory Therapists: 2 semester hours.**
Study of therapeutic drug administration for respiratory therapists. Special emphasis on safety issues, sources of drug information, and application to respiratory care practice. PREREQ: Acceptance into the RESP program. COREQ: RESP 2200. F

**RESP 2214 Introduction to Pulmonary Disease: 4 semester hours.**
Integrated approach to the anatomy, physiology, and pathology of the cardiopulmonary system. Comparison of normal and abnormal function. Emphasis on cardiopulmonary functions that are frequently measured to monitor patient status. Includes clinical practice of procedures and skills. PREREQ: RESP 2200. S

**RESP 2231 Patient Assessment I: 2 semester hours.**
Holistic approach to assessment of adult and pediatric patients in subacute/ homecare settings. Special emphasis on assessment of the cardiopulmonary function. PREREQ: RESP 2214. Su

**RESP 2232 Patient Assessment II: 2 semester hours.**
Holistic approach to assessment of adult and pediatric patients in acute care settings. Special emphasis on assessment of the cardiopulmonary function. PREREQ: RESP 2231. F

**RESP 2230 Case Management I: 2 semester hours.**
Holistic approach to the management of adult and pediatric patients in subacute settings. Special emphasis on management of cardiopulmonary problems. PREREQ: RESP 2231. F

**RESP 2296 Independent Study: 1-8 semester hours.**
Addresses specific learning needs of individuals for the enhancement of knowledge and skills within the program area under the guidance of an instructor. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of the instructor. D

**RESP 2298 Special Topics: 1-8 semester hours.**
Addresses the specific needs of industry, enabling students to upgrade technical skills that are not included in the current program curriculum. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of instructor. D

**RESP 3301 Mechanical Ventilators: 3 semester hours.**
Exploration of operational characteristics of critical care, home care, transport, and neonatal ventilators. Includes clinical practice of procedures and skills. PREREQ: RESP 2200. COREQ: RESP 3301L. S

**RESP 3301L Mechanical Ventilators Lab: 1 semester hour.**
Lab performance and proficiency testing with equipment, concepts and techniques related to providing advanced care and managing cardiopulmonary problems of pulmonary patients. PREREQ: RESP 2200. COREQ: RESP 3301. S

**RESP 3310 Case Management II: 2 semester hours.**
Holistic approach to the management of adult and pediatric patients in acute care settings. Special emphasis on management of cardiopulmonary problems. PREREQ: RESP 2280. S

**RESP 3320 Clinical Practice of Therapeutic Procedures I: 5 semester hours.**
Focus on conducting respiratory care in the sub-acute setting. PREREQ: RESP 2200, RESP 2200L, and RESP 2211. S

**RESP 3325 Clinical Practice of Therapeutic Procedures II: 3 semester hours.**
Focus on conducting respiratory care in the acute setting. PREREQ: RESP 2214, RESP 3301, and RESP 3320. Su

**RESP 3330 Clinical Practice of Therapeutic Procedures III: 5 semester hours.**
Focus on conducting respiratory care in the acute setting. PREREQ: RESP 2231 and RESP 3325. F

**RESP 3335 Clinical Practice of Therapeutic Procedures IV: 5 semester hours.**
Focus on conducting respiratory care in the acute and intensive care settings. PREREQ: RESP 2232, RESP 2280, and RESP 3330. S