Respiratory Therapy, BS

Program Description

A Bachelor of Science in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepare students for the credentialing exam offered by the National Board of Respiratory Care (NBRC). The NBRC is the credentialing arm of the American Association of Respiratory Care (AARC). Successful completion of the curriculum and the credentialing exam certifies students as a Registered Respiratory Therapist (RRT) and enables them to apply for licensure in their state of residence. Employment opportunities with health care providers range from home health and hospice to neonatal, pediatric, and adult intensive care units in Utah Tech University’s (Utah Tech) service area and across the country.

Licensure

Graduates are eligible to sit for the National Board for Respiratory Care examinations under the Commission on Accreditation for Respiratory Care (CoARC) Initial Accreditation Status, to become credentialed as National Board for Respiratory Care Certified or Registered Respiratory Therapists (CRT or RRT). These credentials allow therapists to become licensed to practice respiratory care in Utah as well as throughout the USA and Canada.

Professional Licensure/Certification (PLC) Requirements

The curriculum for programs at Utah Tech University customarily leading to licensure have been designed to meet the educational licensure/certification requirements in Utah as well as to prepare students to apply for licensure exams in the State of Utah. The licensure boards in each state are responsible for establishing the requirements for licensure/certification for their state. Requirement may vary state to state and may change at any time. Students who intend to use their Utah Tech degree to secure licensure in any state other than Utah will need to review the professional licensure disclosures in that state pertaining to their program and consult with the state professional licensing board. For more information, visit the State Authorization and Professional Licensure (https://academics.dixie.edu/state-authorization/) web page and select your program, or speak to the director of your program.

Accreditation

The Utah Tech University Respiratory Therapy Program is fully accredited by the Commission on Accreditation for Respiratory Care (CoARC; #200565).

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, TX 76021
Phone: 817-283-2835
Fax: 817-354-8519
http://coarc.com

Admission Requirements

To be considered for admission to the Respiratory Therapy program, an applicant must first be accepted as a Utah Tech University student. Then, the applicant must complete a separate application to the Respiratory Therapy program.

Application deadline is May 1st. Applications are available from the Respiratory Therapy program website at: https://health.UtahTech.edu/respiratory-therapy/program-admissions/ (https://health.dixie.edu/respiratory-therapy/program-admissions/).

Admission to the Respiratory Therapy program is based upon academic performance in both general education and specific program prerequisite courses in addition to other selection criteria, including:

1. Submission of a complete Program Application
2. Minimum cumulative GPA of 2.25 or higher
3. Completion with a “C” or better of specified program prerequisite courses
4. Individual interview with the Respiratory Therapy Program Selection Committee

Additional factors that will be taken into consideration for program admission include previous health care experience and weighted GPA in specific prerequisite courses. A criminal background check and selected immunizations will be required upon acceptance to the program.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Introduction to Writing (EN)</td>
<td>3</td>
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<tr>
<td>MATH 1030</td>
<td>Quantitative Reasoning (MA) (or higher {MATH 1040 recommended})</td>
<td>3-4</td>
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PSY 1010 General Psychology (SS, GC) 3
or PSY 1100 Human Development Through Lifespan (SS, GC)
of FSHD 1500 Human Development Lifespan (SS, GC)
or SOC 1010 Introduction to Sociology (SS, GC)
or SOC 1020 Social Problems (SS, GC)
CHEM 1010 Introduction to Chemistry (PS) (or higher [CHEM 1150 recommended]) 3
CHEM 1015 Introduction to Chemistry Lab (LAB) (or higher [CHEM 1155 recommended]) 1
BIOL 2320 Human Anatomy 5
& BIOL 2325 and Human Anatomy Lab
& BIOL 2420 Human Physiology 4
& BIOL 2425 and Human Physiology Lab
RESP 1010 Introduction to Respiratory Therapy 2

Recommended Prerequisites: ¹

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<tr>
<td>NURS 3900 or BIOL 4400</td>
<td>Pathophysiology</td>
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¹ NURS 3900 or BIOL 4400 and HLTH 4020 are preferred prerequisites, but not required. These courses may be taken prior to beginning the Respiratory Therapy Program.

Students must complete specified prerequisite courses prior to admission to the Respiratory Therapy Program. Respiratory Therapy Program courses include 64 semester hours that must be completed sequentially. Students will be eligible for employment after graduation and meeting licensure requirements.

**Program Curriculum**

**121 credits**

**Utah Tech General Education Requirements**

All Utah Tech General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements, but courses must be equivalent to Utah Tech's minimum General Education standards in American Institutions, English, and Mathematics.

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<tr>
<td>BIOL 2320 &amp; BIOL 2325</td>
<td>Human Anatomy and Human Anatomy Lab</td>
<td>5</td>
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<tr>
<td>BIOL 2420 &amp; BIOL 2425</td>
<td>Human Physiology and Human Physiology Lab</td>
<td>4</td>
</tr>
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<td>Introduction to Chemistry (PS) (or higher [CHEM 1150 recommended])</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1015</td>
<td>Introduction to Chemistry Lab (LAB) (or higher [CHEM 1155 recommended])</td>
<td>1</td>
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<tr>
<td>HLTH 4020</td>
<td>Research Methodology in Population Health</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1030</td>
<td>Quantitative Reasoning (MA) (or higher [MATH 1040 recommended])</td>
<td>3-4</td>
</tr>
<tr>
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<td>Pathophysiology</td>
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  or PSY 1100 Human Development Through Lifespan (SS, GC)
  or FSHD 1500 Human Development Lifespan (SS, GC)
  or SOC 1010 Introduction to Sociology (SS, GC)
  or SOC 1020 Social Problems (SS, GC)
RESP 1010 Introduction to Respiratory Therapy 2
RESP 2020 Cardiopulmonary Anatomy and Physiology 3
RESP 2040 Respiratory Care Therapeutics I 3
RESP 2041 Laboratory Practice/Therapeutics I 2
RESP 2060 Patient Assessment 2
RESP 2065 Cardiopulmonary Pathophysiology 3
RESP 2200 Cardiopulmonary Diagnostics 3
RESP 2100 Clinical Practice I 5
RESP 2070 Respiratory Care Therapeutics II 3
RESP 2300 Introduction to Mechanical Ventilation 3
RESP 2301 Laboratory/Adult Mechanical Ventilation 2
RESP 3005 Critical Care/ACLS 3
RESP 3010 Introduction to Respiratory Care Pharmacology 3
RESP 3020 Neonatal/Pediatric Respiratory Care 3
RESP 3021 Laboratory Practice/Neonatal Care 2
RESP 3150 Critical Thinking Seminar/NBRC Review 3
RESP 3310 Advanced Mechanical Ventilation 4
RESP 3765 Clinical Practice III / Clinical Application of Neonatal / Pediatric Respiratory Care 5
RESP 3775 Clinical Practice II / Clinical Application of Adult Critical Care 5
RESP 4230 Advanced Diagnosis, Assessment, and Management of Respiratory Disease 3
RESP 4410 Teaching Foundations and Techniques for Healthcare Professionals 4

Recommended Electives:
  HLTH 2010 Health & Disease
  HLTH 2700 Consumer Health Issues
  HLTH 3310 Health Promotion
  HLTH 3400 Healthcare Project Management
  HLTH 3600 Patient Navigation
  HLTH 4020 Research Methodology in Population Health

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits (3000 and above).
3. Complete at least 30 upper-division credits at Utah Tech for institutional residency.
4. Cumulative GPA 2.0 or higher.