

B.S. Respiratory Care 24-25



ABOUT THIS MAJOR

The Bachelor of Science Degree Program in Respiratory Care allows graduates of Associate in Science (A.S.) Degree in Respiratory Care programs and licensed Respiratory Care Practitioners (RCP) a pathway to complete their four-year degree without having to transfer to a four-year college or university. The curriculum provides an advanced scope of practice education with an emphasis on advanced cardiopulmonary pathophysiology, advanced respiratory case management, advanced respiratory neonatal/pediatrics, health education in respiratory care, research methodology, quantitative principles, respiratory care sleep medicine, and respiratory care leadership and management. Increasingly, Respiratory Care Practitioners hold responsibilities formerly conducted by physicians requiring a greater level of critical thinking and analytical skills. For more information, visit the [Health and Safety Sciences](#) division.

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of 120-semester units
- [2] Completion of General Education Requirements -upper and lower division
- [3] Completion of lower division coursework (or equivalent) to AVC accredited A.S. Degree in Respiratory Care (43 units)
- [4] Completion of upper division major coursework in respiratory therapy (28 units)

Residency: Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>.

BS- Respiratory Care [Total Units 120]

Minimum Eligibility Requirements for applications:	
BIOL101 - General Biology	3
BIOL101L - General Biology Lab	8
BIOL201 - General Human Anatomy	7
BIOL202 - General Human Physiology	7.5
CHEM101 - Introductory Chemistry	15
ENGL101 - College Reading and Composition	5
COMM101 - Introduction to Public Speaking	3
ENGL101 - College Composition	3
MATH115 - Statistics	3
PSY101 - General Psychology	3
COMM101 - Introduction to Public Speaking	4
CSU GE Area F Ethnic Studies	3
CSU GE Area C-2 Humanities	4
RCP101 - Fundamentals of Respiratory Care	6
RCP102 - Clinical Preparation for Respiratory Care	1
RCP103 - Concepts in Respiratory Care	6
RCP104 - Respiratory Care Pharmacology	3
RCP105 - Fundamentals of Clinical Respiratory Care	5
RCP201 - Neonatal and Pediatric Respiratory Care	3
RCP202 - Fundamentals of Intensive Respiratory Care	4
RCP203 - Seminar and Practicum in Respiratory Care I	6
RCP204 - Seminar and Practicum in Respiratory Care II	9
Required Courses -upper division (Total 41)	
RCP301 - Advanced Cardiopulmonary Respiratory Care	3
RCP302 - Sleep Medicine and Respiratory Care	3
RCP303 - Advanced Respiratory Case Management	3
RCP304 - Principles of Health Education	3
RCP305 - Health Care Research Design and Methodology	3
RCP306 - Respiratory Care Leadership and Management I	3
RCP401 - Respiratory Care Leadership and Management II	3
RCP402 - Advanced Neonatal and Pediatric Respiratory Care	3
RCP403 - Respiratory Care Capstone Project 4	4
PSY301 - Organizational Behavioral Psychology	3
BIOL304 - A Survey of Emerging and Remerging Infectious Diseases	3
PHIL300 - Bioethics	4
ENGL315 - Applied Technical Writing	3

RECOMMENDED PATHWAY: B.S. Respiratory Care
The Recommended Plan of Study is determined by the discipline faculty.

[Pre-Respiratory Care Therapy Plan of Study]

TERM 1	
Course	Units
BIOL 101 & BIOL 101lab	4
MATH 115	4
CSU A1: COMM 101	3
CSU A2: ENGL 101	3
Total Units	14

TERM 2	
Course	Units
BIOL 201	15
CHEM 101	3
CSU D: PSY 101	3
CSU C2: #ENGL 257	3
Total Units	21

TERM 3	
Course	Units
BIOL 202	4
AVC F: #SOC 105	4
Total Units	14

Apply to the A.S. Respiratory Care Program

Fall admission: applications are due June 1st!

All prerequisites must be completed at the time of application.

COUNSELING NOTE SECTION

- What are the prerequisites for entrance to the BSRT Program:**
- Students must meet a minimum GPA of 2.0 for all college courses taken.
 - Complete lower division Respiratory Care coursework from a CoARC accredited program.
 - Be a licensed RRT or licensure eligible.
- Program Additional Notes:**
- Submission of an application for enrollment form does not guarantee a student's admission to the program.
 - Applications are accepted once a year during the designated application period only.
 - There is currently one track available - Junior Track (3rd & 4th Year - 2 years).
 - Classes are offered online. *
 - Cohorts are admitted annually in the fall semester.
 - The program is limited to 30 students per year.
- *BIOL 304 may require in-person testing.

Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)

AVC 24-25 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance	Career Center	AVC Student Health Services
Transfer Center	Office of Students with Disabilities	Palmdale Center
Basic Needs	Financial Aid	Counseling Division

B.S. Respiratory Care 24-25



A.S. -Respiratory Care Therapy

[RECOMMENDED PLAN OF STUDY]

TERM 1(FALL)	
Course	Units
RCP 101	6
RCP 102	1
Total Units	7

TERM 2 (SPRING)	
Course	Units
RCP 103	6
RCP 104	3
Total Units	9

TERM 3 (SUMMER)	
Course	Units
RCP 105	5
Total Units	5

TERM 4 (FALL)	
Course	Units
RCP 201	3
RCP 202	4
RCP 203	6
Total Units	13

TERM 4 (SPRING)	
Course	Units
RCP 204	9
Total Units	9

Apply to B.S. Respiratory Therapy Program

Application Dates for Fall 2024 Admission:

May 6, 2024 - June 28, 2024

The deadline to apply is Friday, June 28, 2024, by 11:30 a.m.

Application Process B.S. Respiratory Therapy Program:

Admission to the Bachelor of Science Respiratory Therapy Program (BSRT) will be by special application.

All students applying for enrollment in the BSRT program should follow these instructions. All required forms are available under the Program Forms and Documents section (bottom of page).

Complete the Application for Enrollment Form.

Attach official college transcripts for all post-secondary institutions attended, including Antelope Valley College. If you have Advance Placement (AP) credits, an official transcript must also be included. "Official" college transcripts must be submitted in a sealed envelope that has not been opened by the student.

- One set of transcripts is to be turned in with your application and one set must also be on file with the AVC transcript office.

- For multi-screening criteria; consideration of prior degrees earned: appropriate degree name and conferral date must be listed on the official transcript.

Attach a copy of your updated Education Plan completed by the listed AVC Counselor assigned to the BSRT program (see below). Appointments should only be made with the assigned personnel listed below. Appointments can be made through email at counseling@avc.edu or by calling (661) 722-6300 ext. 6338. Request to meet with the following Counselor:

- Nathasha Hong*

Submit items 1 through 3 to the Career Technical Education division office, Enterprise Lab, Room 136. Items 1 through 4 are considered your "application packet". You may also mail your application packet to: Antelope Valley College, Attn: Rosie Heasley, 3041 W. Avenue K, Lancaster, CA 93536. Call (661) 722-6300 ext. 6882 for drop-off hours.

B.S.-Respiratory Care

[UPPER DIVISION RECOMMENDED PLAN OF STUDY]

TERM 1(FALL)	
Course	Units
RCP 301	3
PSY 301	3
RCP 302	3
RCP 303	3
Total Units	12

TERM 2 (INTERSESSION)	
Course	Units
ENGL 315	3
Total Units	15

TERM 3 (SPRING)	
Course	Units
PHIL 300	4
RCP 304	3
RCP 305	3
RCP 306	3
Total Units	13

TERM 4 (SUMMER)	
Course	Units
RCP 401	3
Total Units	3

TERM 4 (FALL)	
Course	Units
RCP 402	3
BIOL 304	3
RCP 403	4
Total Units	10

Why the BSRT?

Employers are placing greater demands on respiratory therapists (RTs), but many lack the necessary knowledge and skills to meet these demands. Respiratory Care Practitioners (RCPs) are required to expand their knowledge, skills and critical thinking abilities beyond what is taught in an associate degree program. RCPs are being asked to take on more responsibilities than ever before, and employers are seeking those with additional skills and knowledge.

Program Cost:

Complete this degree for \$8,000 or less! Financial aid and scholarships may be available for eligible students admitted to the BSRT Bachelor of Science Degree Program. For more information, please click here for a link to the financial aid department.

Tuition fees per Education Code, Sections 76300 and 78042, are \$46 per unit, plus \$84 per unit for upper-division coursework. You may click on each of the section's codes for additional information.