



# Student Handbook

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RESPIRATORY THERAPY PROGRAM - COLLEGE OF  
APPLIED MEDICAL SCIENCES

King Saud bin Abdulaziz University for Health  
Sciences  
RESPIRATORY THERAPY PROGRAM

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## **Mission and Vision of the Program**

### **Mission**

Our mission is to provide high quality health sciences education, implement research-based environment, and advocate community services that promote the health of society.

### **Vision**

To achieve global leadership in respiratory therapy education with a commitment to excellence in research, patient care, and community service.

## **Description of the Program**

The Bachelor of Science in Respiratory Therapy degree program provides students with an exceptional education to prepare for a rewarding professional career as advanced Respiratory Therapist, as well as to provide a foundation for leadership in management and supervision, education, research, and clinical specialization. This program prepares students to provide professional respiratory therapy in health care settings ranging from the emergency room to the patient's home.

The program provides the necessary knowledge and skills to begin clinical practice and promotes continual career growth. A Respiratory Therapist is a member of the healthcare team who takes care of patients with respiratory problems by participating in diagnosing and managing specific patient cases. Moreover, the respiratory therapist is involved in prevention and health promotion programs for individuals and society.

## **The Goals of the Program**

Our goal for the RESY program is the following:

1. To provide comprehensive professional instruction.
2. To engage in basic sciences and clinical research.
3. To participate in community and professional services.
4. To foster a learning environment enhanced by faculty who encourage self-determination, self-respect, and compassion in students.

## Program Learning Outcome

The following table shows the program learning outcome for the RT program

Program learning Outcomes	
Knowledge and understanding	
K1	Describe anatomy, physiology, pathology, assessment, and management approaches of cardiorespiratory system.
K2	Recognize the utilized cardiorespiratory equipment and cardiorespiratory procedures in respiratory therapy.
K3	Describe the scope of different knowledge, resources, and research items in healthcare.
Skills	
S1	Perform clinical procedures, device operation, computations, and interpretations relevant to respiratory therapy.
S2	Appraise the impact of quality, education, leadership, and management principles in healthcare.
S3	Conduct scientific research and community activities related to respiratory therapy.
Values	
V1	Demonstrate professionalism, ethical behavior, educational strategies, and teamwork spirit.
V2	Judge clinical approaches related to respiratory therapy scientifically.

## Requirements

The students must fulfill university admission requirements in addition to the pre-professional courses in the College of Science and Health Professions (COSHP) including the introductory course. This process is fully automated through the Student Information System (SiS) and is governed by the Deanship of Admission and Registration (DAR) with the support of the Deanship of Student Affairs (DSA). Once the admission gate opens, applicant's can submit their applications through the University website. After the first year in the pre-professional year, students will be segregated into the program based on their cumulative grade point average (cGPA), and student's own preferences taking the program's capacity into consideration

For more information, please scan the following QR code



## Study Plan

The following table shows the RESY student's study plan in their professional years

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College or Department)
Level 7	RESY 301	Assessment Skills	Required	RESY 201	3	Department
	RESY 302	Diagnostic Techniques	Required	RESY 201	2	Department
	RESY 303	Respiratory Pharmacology	Required	RESY 201	1	Department
	RESY 304	Respiratory Anatomy and Physiology	Required	RESY 201	3	Department
		Total			9	
Level 8	RESY 311	Intermittent Cardiorespiratory Care	Required	RESY301 RESY304	4	Department
	RESY 312	Intermittent Cardiorespiratory Care Practicum	Required	RESY301	3	Department
	RESY 313	Critical Care	Required	RESY301 RESY302	2	Department
	CAMS 301	Research Methodology I	Required	RESC 211 BIOS 211	2	College
		Total			11	
Level 9	RESY 314	Intensive Cardiorespiratory Care	Required	RESY311 RESY312	6	Department
	RESY 315	Intensive Cardiorespiratory Care Practicum	Required	RESY312	6	Department
		Total			12	
Level 10	RESY 411	Sub- Acute Care	Required	RESY314 RESY315	4	Department
	RESY 412	Sub- Acute Care Practicum	Required	RESY315	4	Department
	RESY 401	Cardiorespiratory Diagnostics	Required		1	Department

	RESY 402	Cardiorespiratory Care Education	Required		2	Department
		Total			11	
<b>Level 11</b>	RESY 413	Neonatal/ Pediatric Respiratory Care	Required	RESY411 RESY412	3	Department
	RESY 414	Neonatal/ Pediatric Respiratory Care Practicum	Required	RESY412	3	Department
	RESY 403	Special Topics	Required		2	Department
	RESY 404	Cardiorespiratory Care Management	Required		2	Department
		Total			10	
<b>Level 12</b>	RESY 415	Cardiopulmonary Diseases	Required	RESY413 RESY414	3	Department
	RESY 416	Cardiopulmonary Diseases Practicum	Required	RESY414	5	Department
	CAMS 412	Research Methodology II	Required		2	College
		Total			10	

## Research Unit

If the student requires any assistance or any useful information to facilitate their research, they may visit the research unit located on the second floor or contact with



their research officer, and if any student wants any assistance with their research such as with data analysis, writing the research abstract or to access the Bestcare system, such information is provided in the following QR code

## **Community**

In each program, there is a community officer allocated to support the students in designing, conducting, and evaluating the community engagement activity.

## **Academic Counseling**

An academic counselor will be assigned to each student and counselling sessions will be conducted at least twice per semester, they will conduct a consultation regarding the academic performance of the student, the counselor may provide some guidance and advice to help the student with their academic and non-academic situations to improve their performance and satisfaction.



## Student Affairs

Student Affairs is concerned with Extra Curriculum activities to help the students communicate and interact with their colleagues in other Saudi colleges and universities as well as in the local community and international universities. The student activities aim to build a balanced personality which helps the students in investing their free time in achieving academia and excellence. Moreover, to fulfill the university plans in achieving its educational objectives and encouraging students to utilize their free time, the Student Affairs Department submits a proposal during each academic year for students' extracurricular activities. Students Affairs services may include student's orientation, election for student representatives, establishing student board or Student Society, provide lockers, badge renewal, assistance in textbooks purchase, tickets purchase, facilitating student's transportation.

For more information scan the following QR codes.



Student Fund



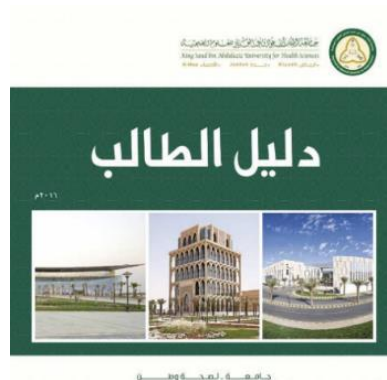
Student society

## University Student Guidebook

The student guidebook provides basic information about the university which includes important contact info, departments in the university and some provided services. For more information, you can scan the following QR code below.



Arabic (Page 1)



English (Page 172)

## University student rights and responsibilities

You may find the student rights and responsibilities in the following QR codes



English



Arabic

## University Examination bylaws

You may find the university examination bylaws in the following QR codes



English



Arabic

## Library

The role of the library in health sciences is to provide a learning center where students, faculty members and the staff of the organization can develop the skills and knowledge needed to enhance the quality of healthcare with a multidisciplinary approach, which incorporates discussion, lectures, and hands-on training. Under the vision of COAMS, the Library is committed to providing the highest quality learning environment through innovative methods of retrieving, storage and sharing of information for lifelong learning. Other services include a digital library and databases.

## University car sticker permit

The student must first submit a request form on the website, after requesting the permit, you should go to the admin building, second floor to receive it. You may scan the following QR code for more information



## **Well-Student Center**

The Well-Student center offers counseling to help students work through their difficulties and find a way to manage their situation and better understand themselves. You can find more information by scanning the following QR code



## **Medical and Dental consultation**

If the student needs any medical or dental consultation, first, they must go to the student affairs offices and request and fill a medical and dental consultation form and should be signed by the student affairs, then go to the student clinic center via tram system and stop at the respective station. For more information on the tram stations please scan the following QR code.



All admitted students are requested to complete their medical exam and serology test at the hospital Employee Health Clinic.

1. All admitted students should receive the vaccination card from the nurse at the Employee Health Clinic and ensure that their vaccination card is completed, signed, and stamped by the nurse upon completion of each dose.
2. Each student is required to submit a copy of the vaccination card to the Admission and Registration Department at the completion of the first semester and to follow up with the Employee Health Clinic for vaccination card updates.
3. Each student is responsible for completing the needed vaccination doses by the end of the first semester.
4. Each student must report to the Office of Selection, Admission and Registration by presenting the vaccination card as a prerequisite for the following semester registration.
5. Students cannot proceed with the registration process for the following semester unless their vaccination is completed.

## Graduate Attributes

The following table shows the graduate attributes for the RESY Program

Program/Graduate Attributes	College Graduate Attributes	Institutional Graduate Attributes
In-depth knowledge	Excellence and innovation in education	In-depth knowledge
Critical thinking and problem solving	Integration of contemporary technologies	Critical thinking and problem solving
Proficiency in research	Personal, professional, and scholarly development	Proficiency in research
Life-long learning	Commitment to lifelong learning	Life-long learning
Efficient in teamwork	Effective communication and teamwork	Efficient in teamwork
Versed in ethics concepts	Ethical behavior and Islamic Value	Versed in ethics concepts
Effective communication	Integrity in personal and professional life	Effective communication
Safe patient care and competency in discipline-related skills	Safe patient care and competency in discipline-related skills	Safe patient care and competency in discipline-related skills

## Career Opportunity and Specialty

Some of the career opportunity the RESY students' might have include but not limited to:

1. Working in the hospital as Respiratory Therapist
2. Working in the academic field
3. Working in a private sector

If the student requires any advice with their career choice, they may scan the following QR Code

