



RESPIRATORY CARE PROGRAM HANDBOOK

Program Mission

The mission of the Respiratory Care Program is to prepare students to meet the modern professional requirements in the Respiratory Care setting that encourages initiative and leadership, provide a professional academic environment for its faculty, and excel in community services.

Program Goals

1. Prepare students to be competent respiratory therapist to meet the expectations of the College and the community and the standards of Saudi Commission of Health Science and the International Recognition of Respiratory care practitioners.
2. Provide the professional development aids as i.e., Communication, conflict, stress and time managements to foster professional growth of respiratory therapy.
3. Create and support research encouraging environment to conduct special research in basic and clinical RC sciences.
4. Provide and maintain a high level of community services and patient education.
5. Provide appropriate learning environment to acquire good experience (i.e. lectures, practical and clinics).
6. Provide students with the necessary clinical and academic training enabling them to achieve the recognize targets of occupational competencies.

Admission Requirements

Admission requirements for new students

New secondary school graduate students can be admitted according to the following:

1. Obtaining a secondary school certificate (Natural Science) or its equivalent from a school inside the Kingdom of Saudi Arabia or abroad.

2. Should not exceed more than five years after obtaining secondary school certificate.

3. Obtaining the required grade specified by the Council of Colleges in the secondary school certificate, General Aptitude Test (GAT) and Scholastic Achievement Admission Test (SAAT) by the National Center Assessment, or its equivalents (Scholastic Assessment Test -SAT) according to the following:

At least 80% in secondary school certificate (GPA) and at least 65% in the General Aptitude Test is and 60% in the Scholastic Achievement Admission Test or SAT 950.

4. Obtaining the required English language skills in each specialty. requires at least 40 score in the Oxford test or its equivalent from other standard examination (TOEFL iBT 40, IELTS (ACADEMIC), 3.5 or STEP 62), and study English program at colleges.

5. Exhibiting a good conduct and behavior.

6. Should not be dismissed from other college or university due to disciplinary reasons.

7. Passing any exam or interview required by the Department for admission.

8. Passing a medical test as required by completing the medical examination at the approved hospital.

9. Should provide permission from his/her employer to continue as a fulltime student if he/she is working.

10. Pay 3000 SAR nonrefundable admission fee is required for admission and pay a one-time only.

11. Pay tuition fee (60000 per year) which is non-refundable if withdraw from the colleges

12. Satisfy any other requirements by the Department that may be announced during admission period.

Note:

Admission to Respiratory Care Department is very competitive. It is based on the admission criteria.

Required documents:

1. Original secondary school certificate (Natural Sciences).
2. Copy of General Aptitude Test (GAT) score and the Standard Achievement Admission Test (SAAT) score or Scholastic Assessment Test(SAT).
3. Original copy of English Language test results –TOEFL iBT/IELTS (ACADEMIC) / STEP- (if available).
4. Copy of valid ID with original for verification.
6. Copy of guardian's valid ID with original for verification (only for female students).
7. Copy of the guardian's family book (only for female students)
8. Four recent photos (6x4).
9. For non-Saudi students from Saudi mothers, a copy of valid ID of the mother and the birth certificate of the applicant.

Admission Requirements for Transferring Students

Transferring students from other accredited Colleges/Universities can be admitted according to the following:

1. Have studied at an accredited college or university.
2. Obtaining a secondary school certificate (Natural Science) or its equivalent from a school inside the Kingdom of Saudi Arabia or abroad
3. Satisfy the GPA for transferring students required by the Department according to the following table:

No.	Major	Required GPA
1	Respiratory Care	(2/4) or its equivalent out of 5

4. Obtaining the required English language skills in each specialty. Respiratory Care Department requires at least 40 score in the Oxford test or its equivalent from other standard examination (TOEFL iBT 40, IELTS (ACADEMIC), 3.5 or STEP 62), and study English program at colleges.
5. Exhibiting a good conduct and behavior.
6. Should not be dismissed from other school due to disciplinary reasons.
7. Passing any exam or interview required by the college for admission.
8. Passing a medical test as required by each specialty by completing the medical examination at the approved hospital.
9. Should provide permission from his/her employer to continue as a fulltime student if he/she is working.

10. Pay 3000 SAR nonrefundable admission fee is required for admission and pay a one-time only.

11. Pay tuition fee (60000 per year) which is non-refundable if withdraw from the colleges

12. Satisfy any other requirements by the Department that may be announced during admission period.

Note:

Admission to Respiratory Care Department is very competitive. It is based on the admission criteria, Students request course equivalency for what he/she has studied and passed in accordance with the Department bylaws.

Required Documents:

1. Original secondary school certificate (Natural Sciences).
2. Official academic transcript.
3. Approved academic courses specifications from previous university/college.
4. Original copy of English Language test results–TOEFL iBT / IELTS(ACADEMIC) / STEP (if available).
5. Copy of valid ID with original for verification.
6. Copy of guardian’s valid ID with original for verification (only for female students).
7. Copy of the guardian’s family book (only for female students).
8. Four recent photos (6x4).
9. For non-Saudi students from Saudi mothers, a copy of valid ID of the mother and the birth certificate of the applicant.

Admission Requirements for Health Diploma Holders

Students with health intermediate degree/diploma can be admitted to complete their BSc degree in health specialties, according to the following:

1. Obtaining a secondary school certificate (Natural Science) or its equivalent from a school inside the Kingdom of Saudi Arabia or abroad.
2. Should have completed a three-year intermediate degree or a two-year higher diploma from an accredited college/institute.
3. Obtaining the required grade specified by the Council of Department in the diploma at least very good
4. Should have a valid professional classification from the Saudi Commission for Health Specialties.
5. Obtaining the minimum required English language skills in each specialty.
6. Exhibiting a good conduct and behavior.
7. Passing any exam or interview required by the Department for admission.
8. Passing a medical test as required by each specialty by completing the medical examination at the approved hospital.
9. Should provide approval of permission from his/her employer to continue as a fulltime student if he/she is working.
10. Pay 3000 SAR nonrefundable admission fee is required for admission and pay a one-time only.
11. Pay tuition fee (60000 per year) which is non-refundable if withdraw from the colleges
12. Satisfy any other requirements by the Department that may be announced during admission period.

Note:

Admission of transferred students Respiratory Care Department is very competitive, and subjects to seats availability. It is based on the admission criteria, Students request course equivalency for what he/she has studied and passed are assessed as per the colleges' by-laws.

Required Documents:

1. Original high school certificate (Natural Sciences).
2. Original diploma certificate.
3. Official academic transcripts.
4. Approved academic courses specifications from previous university/college.
5. Copy of a valid professional registration ID card from the Saudi Commission for Health Specialties with the original for verification.
6. 4. Original copy of English Language test results–TOEFL iBT / IELTS(ACADEMIC) / STEP (if available).
7. Copy of valid ID with original for verification.
8. Copy of guardian's valid ID with original for verification (only for female students).
9. Copy of the guardian's family book (only for female students).
10. Four recent photos (6x4).

For non-Saudi students from Saudi mothers, a copy of valid ID of the mother and the birth certificate of the applicant

Degree Requirements

The college offers a BSc in Respiratory Care and in order to successfully complete these courses and obtain a degree, the following is required:

1. The successful completion of a minimum of four years of study (140 credit hours) for Respiratory Care. This is by successfully completing a number of accredited units from the General Curriculum at Al-Maarefa University, a number of accredited units from the compulsory courses taught at the college of Applied Sciences as well a number of accredited units from the chosen discipline.
2. Successfully complete clinical training during the residency year (no less than 48 weeks of training). During this year, the student will practice the knowledge and skills he has gained through clinical practice in a hospital.

Courses	Credits
Al Maarefa University General Education Requirements	29
Applied Sciences Health Science Major Requirements	17
Applied Sciences Major Requirements (Elective)	2
Respiratory Care Program Course Requirements	
Natural & Relevant Health Science Courses	27
Respiratory Care Science Major Courses	65
One Year of Respiratory Care Internship	2
Total	142

Al Maarefa University General Education Requirements

NO	Course Code	Course Name	Credit Hours
1	COMP 100	Computer Essentials	3
2	ISLM 101	Islamic Culture	2
3	ARAB 101	Arabic Language I	2
4	PHYS 101	General Physics	3

5	ENGL 101	General English I	5
6	ARAB 103	Arabic Language II	2
7	ENGL 102	General English II	5
8	COMM 201	Communication Skills	2
9	ISLM 103	Economic System in Islam	2
10	PSYC 201	Introduction to Psychology	3
Total		10 courses	29

College of Applied Sciences Requirements

N ^o	Couse Code	Course Name	Credits
1	ENTR 101	Entrepreneurship	2
1 course			

Applied Sciences Health Science Major Requirements

N ^o	Couse Code	Course Name	Credits
1	PHSL 201	Human Physiology	3
2	BIOC 200	Biochemistry	3
3	MICR 201	Microbiology	3
4	PATH 201	Pathophysiology	3
5	ETHC 410	Ethics and Law for Health Professions	2
6	RSCH 450	Research Methods for Health Sciences	3
6 courses			17

Respiratory Care Program Course Requirements

N O	Couse Code	Course Name	Credit s
Natural & Relevant Health Science Courses			
1	BIOS 101	Biostatistics	3
2	BIOL 101	General Biology	4
3	CHEM 101	General Chemistry	4
4	ENGL 103	English for health Sciences	3
5	ISLM 301	Contemporary Jurisprudential Medical Issues	2
6	COMP 201	Computer for Health Sciences	2
7	ANAT 201	Anatomy	3
8	PAAS 230	Patient Assessment	3
9	NURS 353	Teaching - Learning Strategies	3
10	HEAL 300	Community Health	2
10 Courses			29
Respiratory Care Major Courses			
1	RSTH 226	Patient Care Methods	2
2	RSTH 225	Cardiopulmonary Anatomy and Physiology	3
3	RSTH 231	Respiratory Care Pharmacology	3
4	RSTH 241	Respiratory Care Science I	4
5	RSTH 323	Pulmonary Function Methodology	3
6	RSTH 325	Diagnostic Techniques	2
7	RSTH 342	Respiratory Care Science II	4
8	RSTH 351	Respiratory Care Practicum I	3
9	RSTH 371	Cardiopulmonary Diseases I	2
10	RSTH 330	Cardiology and ECG	4
11	RSTH 343	Respiratory Care Science III	4
12	RSTH 352	Respiratory Care Practicum II	3

13	RSTH 372	Cardiopulmonary Diseases II	2
14	RSTH 421	Perinatal and Pediatric Respiratory Care	4
15	RSTH 441	Mechanical Ventilation	4
16	RSTH 452	Respiratory Care Practicum III	3
17	RSTH 466	Advanced Diagnostic Techniques	2
18	RSTH 482	Management and Leadership in Health Care	2
19	RSTH 424	Exercise Physiology and Pulmonary Rehabilitation	3
20	RSTH 453	Respiratory Care Practicum IV	3
21	RSTH 464	Case Management in Respiratory Care	2
22	RSTH 480	Critical Care	3
15 courses			62
One Year of Respiratory Care Internship			
16	RSTH 501	Internship I	1
17	RSTH 501	Internship II	1
2 courses			2
32 Courses Total			94

