



Student Handbook

EMERGENCY MEDICAL SERVICES - COLLEGE OF APPLIED
MEDICAL SCIENCES

King Saud bin Abdulaziz University for Health
Sciences
EMERGENCY MEDICAL SERVICES | 2023/2024

Table of contents:

Mission and Vision of the Program	2
Mission.....	2
Vision	2
Description of the Program	2
The Goals of the Program	2
Program Learning Outcome	3
Requirements.....	4
Study Plan.....	5
Research Unit	6
Community.....	6
Academic Counseling.....	6
Student Affairs.....	7
University Student Guidebook	8
University student rights and responsibilities	8
University Examination bylaws	9
Library	9
University car sticker permit	9
Well-Student Center	10
Medical and Dental consultation	10
Graduate Attributes.....	11
Career Opportunity and Specialty	12

Mission and Vision of the Program

Mission

To achieve academic excellence in Emergency Medical Services through using advanced methods of teaching, innovative research, and community services.

Vision

The College vision is to achieve leadership in applied health sciences serving the nation's health.

Description of the Program

Emergency Medical Services program (EMDS) at the College of Applied Medical Sciences (COAMS) is a well-integrated program consisting of core paramedic topics that support the required clinical learning and health science topics that promote a broad understanding of modern health care delivery. The College adopted (with modifications) the EMDS program of Flinders University in Australia with the intention of promoting the standards of EMDS at national and international levels.

The Goals of the Program

The program has three main goals to achieve, which are:

1. Enhancing the academic quality of EMDS program to graduate paramedics meeting the programs graduates attributes.
2. Enhancing innovative research in EMDS and scholarly activities.
3. Encouraging community services participation and initiating sustainable community partnerships.

Program Learning Outcome

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

Program learning Outcomes	
Knowledge and understanding	
K1	Describe the roles and responsibilities of paramedics within the EMDS system and out-of-hospital environment.
K2	Define the general concepts of assessment and management of emergency patients in pre-hospital settings.
K3	Outline the pathophysiological principles of pharmacology and the field impression of its pharmacologic management plan in hospital & pre- hospital settings.
K4	Describe pathophysiological, physiological, anatomical, psychological, and sociological changes of human development for all ages.
Skills	
S1	Demonstrate scientific research, community, and interprofessional activities related to emergency medical services.
S2	Demonstrate life-saving tasks for medical and trauma patients as a paramedic within out-of-hospital environment.
S3	Evaluate field impression, history taking, and treatment plan for the medical, pediatric, neonatal, and trauma patients in pre- hospital environment.
S4	Evaluate the need for medications and diagnostic tools of the patient that requires.
Values	
V1	Demonstrate leadership and teamwork skills and adhere with ethical behavior for accomplishing common goals in pre- hospital settings.
V2	Implement confidence and self-sufficiency for further enhancement of knowledge and clinical skills training as paramedics to ensure patient's safety in hospital or out-of- hospital settings.

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 EMDS 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	EMDS 301	Paramedic Practice I and Communication for EMT	Required	None	6	Department
	EMDS 311	Paramedic Practice II	Required	EMDS 301	5	Department
		Total	Required		11	
Level 8	EMDS 312	Paramedic Practice III	Required	EMDS 311	5	Department
	EMDS 313	Pathophysiology of the Cardiovascular System	Required	EMDS 312	6	Department
	CAMS 301	Research Methodology I	Required	None	2	Department
		Total	Required		13	
Level 9	EMDS 314	Pathophysiology of the Respiratory System	Required	EMDS 313	6	Department
	EMDS 315	Applied Pharmacology	Required	EMDS 314	4	Department
	EMDS 316	Practical Field I	Required	EMDS 313	2	Department
		Total			12	
Level 10	EMDS 411	Pathophysiology of the Central Nervous System	Required	EMDS 314	5	Department
	EMDS 412	Mental Health & Mental Illness	Required	EMDS 411	3	Department
	EMDS 413	Practical Field II	Required	EMDS 316	4	Department
		Total	Required		12	
Level 11	EMDS 414	Pathophysiology of the Body Systems	Required	EMDS 412	5	Department
	EMDS 415	Hospital Rotation	Required	EMDS 413	7	Department

		Total			12	
Level 12	EMDS 416	Professional Studies System	Required	EMDS 415	2	Department
	EMDS 417	Applied Paramedic Practice	Required	EMDS 414	7	Department
	CAMS 412	Research Methodology II	Required	CAMS 301	2	Department
		Total			11	

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 regards to 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 in regards to the academic performance of the student, the counselor may provide some guidance and advices to help the student with their academic and non-academic situations in order 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, Student Affairs Department submits a proposal during each academic year for students' extra-curricular 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 a 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 as well as finding way to manage their situation and better understanding 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 EMDS Program

Program / Graduate Attributes	College Graduate Attributes	Institutional Graduate Attributes
In depth knowledge of pre-hospital emergency cases	Excellence and innovation in education	In-depth knowledge
Critical thinking and problem solving generally and within pre-hospital environment specifically.	Integration of contemporary technologies	Critical thinking and problem solving
Professional researcher.	Personal, professional, and scholarly development	Proficiency in research
Lifelong learner.	Commitment to lifelong learning	Life-long learning
Efficient in teamwork.	Effective communication and teamwork	Efficient in teamwork
Compliant with ethics concepts.	Ethical behavior and Islamic Value	Versed in ethics concepts
Professional and effective communication	Integrity in personal and professional life	Effective communication
Safe patient care and competency in paramedic 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 EMDS students' might have include but not limited to:

1. Working in the hospital as an Paramedic
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

