



# ***PROSPECTUS***

## **2017-2018**



### **ARMY MEDICAL COLLEGE**

**Bogra, Chittagong, Comilla, Jessore and Rangpur Cantonment  
Bangladesh**

<b>Contents</b>		
<b>S/No</b>	<b>Subject</b>	<b>Page Number</b>
1.	Preface	2
2.	Aim/Objectives	2-3
3.	Army Medical College Campus	3
4.	Medical College Facilities at a Glance	3-7
5.	Admission Profile	7-11
6.	Expenses of Study	11-12
7.	Regulatory and Governing Body	12-14
8.	Controlling Authority of the College	14
9.	College Administrative Wing	15
10	Academic Wing	15-18
11.	Course and Curriculum	18-24
12.	Honours	24
13.	College Regulations	25
14.	Correspondence and Address	26
15.	Conclusion	26

## Preface

01. Bangladesh, a developing country, comprises of eighty percent of her population living in remote villages. However, defying all odds, Bangladesh has been making significant socio-economic development in recent years. Despite the improvement in healthcare indicators e.g. decline in mortality rates and increase in average life expectancy, the health sector of the country has still a long way to go in realizing its full potential. Even in this modern age, many people die here due to ignorance, inadequate medical care and lack of treatment facilities. Nevertheless, the medical education of the country has been striving to keep pace with the worldwide progress of medical science. Bangladesh Army also duly felt the inevitability of possessing a group of energetic, motivated and devoted young professionals to face the global changes taking place in the field of medical education and technology in the 21st Century. Keeping this focus in view, five



came into being by a sanction letter from the Ministry of Health. All five Army Medical Colleges were inaugurated by the Honorable Prime Minister of People's Republic of Bangladesh through a video conference on 10 January in 2015. These colleges started their auspicious academic journey on 11 January in 2015 with 50 students each.

02. All Army Medical Colleges are affiliated to Bangladesh University of Professionals (BUP). Presently, 50 students are being inducted each year. In future, all colleges will be empowered to hold one hundred & fifty students each year thereby fulfilling all the requirements of BM&DC guidelines.

## Aim / Objectives

03. **Aim.** The aim of Army Medical Colleges is to train specially selected candidates to be called Army Medical College cadets for five academic years according to the syllabus laid down by Bangladesh Medical and Dental Council (BM&DC) for MBBS Degree to be awarded by the Bangladesh University of Professionals (BUP). This will foster producing a group of high quality career doctors for the Armed Forces in particular and for the nation in general.

04. **Objectives.** The objectives of Army Medical Colleges are:
- a. To teach biomedical sciences traditionally required for medical graduates in order to meet the responsibilities or providing preventive as well as curative health care to the people of Bangladesh primarily.
  - b. To produce well disciplined, self-motivated and dedicated doctors imbued with the values of kindness, tolerance, compassion and dedication to the charter of duty.
  - c. To impart those aspects of basic military training required to turn each cadet into a highly disciplined, physically and mentally fit, morally and ethically upright and professionally dedicated medical graduate capable of providing health care services in adverse physical and psychosocial environment both in and outside the country during war and peace.
  - d. To instill essential character qualities, strong sense of righteousness and a basic desire to serve the suffering humanity.

### Army Medical College Campus

05. **Location.** The Army Medical Colleges are located in different Cantonments as mentioned below.
- a. **Army Medical College Bogra (Bogra Cantonment)**
  - b. **Army Medical College Comilla (Comilla Cantonment)**
  - c. **Army Medical College Jessore (Jessore Cantonment)**
  - d. **Army Medical College Rangpur (Rangpur Cantonment)**
  - e. **Army Medical College Chittagong (Chittagong Cantonment)**

06. **Hospital/Institutions.** At present, Combined Military Hospital (**CMH**) of concerned area is affiliated with respective Army Medical College for the purpose of clinical training. The CMHs adjacent to the college campus offer necessary clinical training facilities to the students.

### Medical College Facilities at a Glance

07. **Accommodation.** All five Army Medical Colleges are residential institutions. It is compulsory for medical students to stay in the dormitories of the college. There are separate dormitories for male and female students adjacent to academic campus. The cadets must follow all rules and regulations regarding customs and etiquette, decorum and decency of the dormitory framed from time to time by the college authority. Visiting hours as per SOP (Standing Operating Procedures) are strictly adhered to. In case of female cadets, only notified selected visitors, mainly their parents/guardian are allowed in prescribed hours.



**Dormitory**

08. **Messing.** Medical students are provided with messing and allied services including laundry facilities. The messing, laundry and allied charges are borne by students.



**Dining hall**

09. **Clothing.** Medical students are issued with all necessary uniform and other supporting items, the cost of which are realized from the outfit charge paid by the students.

10. **College Activities.** The core aim of Army Medical Colleges is to develop a medical cadet into a complete person imbued with the qualities of a good human being who would be ultimately highly disciplined and skilled doctors for the national health care service. Emphasis is given to both curricular as well as extracurricular activities. Additional classes by the renowned persons of various subjects e.g. on discipline, social values, leadership, English language, Computer skills etc. are periodically arranged.

11. **College Library & Reading Room.** All five Army Medical Colleges have spacious library. It is enriched with different types of books and journals. The library possesses a good collection of training video film/audio cassettes and professional slides. Further enrichment of library is a continuous process. Every year new and latest books are planned to be added in the collection.



**College Library**



**Reading Room**

12. **Computer Lab.** The computer lab is furnished with number of computers with all accessories and Wi-Fi internet facilities. Computer skill would booster the students in acquiring medical knowledge by using internet.



**Computer Lab**



**English Language Lab**

13. **Lab & Museum.** All Colleges have required number of practical labs named Physiology Lab, Bio-chemistry Lab, Histology Lab, Dissection Hall and Museum, Forensic and Community Medicine Lab for practical classes.



**Laboratory**

14. **Lecture & Tutorial Hall.** All Colleges are equipped with adequate number of lecture halls and tutorial halls.



**Lecture Hall**



**Dissection Hall**

15. **Cafeteria/Canteen.** All colleges have cafeteria/canteen located within the premise of the college that provides light refreshment to the students. All necessary food items are available on payment.

16. **Extracurricular Activities.** Participation by medical cadets in extracurricular activities is mandatory. These activities provide not only welcome relief from the arduous training schedule but also help in igniting leadership qualities among cadets eventually developing their physical, intellectual, moral and ethical aspects.





- a. **Club:** Following clubs are being established:
- (1) Debating club
  - (2) Cultural club
  - (3) Journal Club
  - (4) Computer Club
- b. **Games and Sports:** Facilities for following games and sports are available:
- (1) Football
  - (2) Volleyball
  - (3) Badminton
  - (4) Table tennis
  - (5) Basketball
  - (6) Chess
  - (7) Cricket
- c. **Gymnasium:** Facilities for exercise and body building are available under the supervision of trained instructors.

17. **Web site.** The website of different Army Medical Colleges are mentioned below:

- a. Army Medical College Bogra : <http://amcbogra.edu.bd>
- b. Army Medical College Comilla: NA
- c. Army Medical College Jessore : [www.amcjb.org](http://www.amcjb.org)
- d. Army Medical College Rangpur: [www.ramcbd.com](http://www.ramcbd.com)
- e. Army Medical College Chittagong: [www.amcc.edu.bd](http://www.amcc.edu.bd)

The detail information is given in the respective site and is updated from time to time.

18. **Admission Profile.** Following terms and conditions govern the admission and pursuance of the course of study in Army Medical Colleges.

- a. **Eligibility for Admission:** Candidates must fulfill the following requirements:
- (1) Age - Maximum 20 years on 1st July 2017
  - (2) Sex - Male/Female



- (3) Marital status - Unmarried
- (4) Nationality - Bangladeshi by birth
- (5) Educational qualification - Must have passed Secondary School Certificate (SSC) and Higher Secondary Certificate (HSC) or their equivalent examinations having Physics, Chemistry and Biology in HSC or its equivalent.

**b. The minimum educational performances are as follows:**

- (1) The students must have total GPA 9.00 & minimum GPA 4.00 in each of SSC & HSC or its equivalent examinations.
- (2) For Tribal candidates, applicant must have total GPA 8.00 and min GPA 3.50 in each of SSC & HSC or its equivalent examination.
- (3) Candidates completed O & A level should have same minimum standard as of Bangla Medium. Candidates desirous of applying in AMC shall have to obtain an equivalent mark sheet/certificate/grade from DGHS, Mohakhali.
- (4) Candidates must have Grade point 3.50 in Biology in HSC or in equivalent examinations.
- (5) **Physical standard.** The candidates must be physically fit and confirm to the minimum physical standard to be fit by a medical board.

**c. Ineligibility for Application**

- (1) Expelled or terminated from Army/Navy/Air Force or any Government service on any ground.
- (2) Convicted by any court for any criminal offence.
- (3) Candidates who have passed SSC or its equivalent examination before 2014.

**d. Selection of Cadets.** A total of 50 medical cadets are enrolled through open competition. Two (2%) percent of the total seats are kept reserved for children of Freedom Fighters and one (1%) percent for Tribal citizen of Bangladesh.

**e. Admission of Foreign Citizen.** In future, up to 10% of total seats (maximum 10: 5 male & female) will be kept reserved for foreign citizen. All the rules and regulations for Army Medical Colleges are equally applicable to foreign cadets. Eligibility will be as follows:

- (1) Educational qualification must be as those of Bangladeshi students.
- (2) Marital status: Unmarried
- (3) Age: 22 yrs maximum. (As on 1<sup>st</sup> July 2017)
- (4) Physically fit, certified by medical board.
- (5) Security clearance by concerned authority.

f. **Selection Procedure.** Selection procedure is conducted by the Army Headquarters, Adjutant General's Branch (Personnel Administration Directorate). Following procedures govern the selection procedure:

- (1) Invitation of applications through advertisement in national dailies and website.
- (2) Conducting of written examination.
- (3) Publication of provisionally selected candidates mentioning date/dates of appearing before Medical Examination Board and viva-voce examination through national dailies & website.
- (4) Issuing of joining instruction to the finally selected candidates.

g. **Submission of Application.** Application procedure is completely 'Online'. To complete the procedure, candidates shall do the followings:

- (5) Web address is - <http://amc.taletalk.com.bd>
- (2) Candidate shall get home page of the admission website. The page shows two ways: First, for the candidates passing out of National Curriculum and second for the Candidates passing out of GCE (O/A/both).
- (3) Candidates interested for first path shall select that and press next. A web page will open, on which candidate has to type his/her SSC & HSC roll number and has to select education board & year of passing. On pressing 'next', "Application Form" will appear.
- (4) Candidates interested for second path shall select that and press next. A web page will open, on which candidate has to type his/her code number received from Director, Medical Educations DGHS. On pressing 'next', "Application Form" will appear.
- (5) Candidate has to complete the form by typing or selecting options. In addition, attaching the following two documents are required:
  - (a) Photo – Recent, Size: 300 / 300 Pixel & less than 100 kb and jpg format.
  - (b) Signature – Recent Size: 80/300 Pixel & less than 60 kb and jpg format.
- (6) On successful completion of the form, candidate shall select 'submission'. A "Student's Copy" of submitted form shall appear.

(7) Candidate has to pay Tk 1,000/- (One Thousand only) by Teletalk number within 48 hrs of submission of form. The submission form will be cancelled for any candidate failing to do so. However, that candidate can submit application again, if the last date of submission still prevails.

(8) Candidates selected for written examination will get SMS information. Those selected candidates will be able to download 'Admit Card' using user name and password from the same web address during last 4 days prior to exam. Admit card may be colour/black & white print, preferably laser print. Roll number, date & time of examination, Examination Centre and various instructions will be on 'Admit Card'.

(9) For O/A Level both passed Candidate. They must put GPA/GP as per the equivalent certificate issued from Directorate General of Health Services of Bangladesh Government.

h. **Entrance Examination.** Candidates are selected for written examination on the basis of SSC and HSC results and other criteria as mentioned above. Basing on merit & quota total 4000 (approx) candidates will be allowed to sit for the written examination.

(5) The candidates will appear at written examination (MCQ) of 100 marks (Syllabus HSC/ equivalent). For each correct respond candidates will get '1' & for each wrong respond 0.25 marks shall be deducted. Distribution of marks is as under:

Ser	Subject	Marks
1.	Chemistry	30
2.	Physics	30
3.	Biology	30
4.	English	05
5.	General Knowledge	05
<b>Total</b>		<b>100</b>

(2) For SSC or its equivalent examination, 15 times of GPA score and for HSC or its equivalent examination, 25 times of GPA score will be added to make final merit list.

(3) Qualified candidates in the written exam for respective Army Medical Colleges will appear at a medical examination.

(4) Medically fit candidates of Army Medical college will appear before viva voce examination.

j. **Final Selection.** The selection committee formed by the Academic Council finally selects the candidates for admission. A waiting list will be prepared on the basis of merit for the vacant seats (if any). They will undergo the same procedure for final selection according to their position in the waiting list.

k. **Concealing information.** Concealing information at any stage of selection procedure and its revelation later on makes the candidate liable for necessary disciplinary action/withdrawal from the college.

l. **Joining instructions.** Finally, selected candidates will receive joining instruction from respective Army Medical College.

m. **Scholarship/Stipend.** Medical cadets will get stipend/scholarship as per existing government policy.

## Expenses of Study

19. To study in Army Medical Colleges the standers have to have the fol expense in five years as a whole:

Serial	Category Fee/Charge	Combt personal for Serving & Retired	For other citizen of Bangladesh
<b>For 1<sup>st</sup> yr</b>			
1.	Admission Fee (One time)	11,50,000.00	13,90,000.00
2.	Tuition fee	(6,000x12)=72,000.00	(7,000x12)=84,000.00
3.	Library fee	(1,000x12)=12,000.00	(1,000x12)=12,000.00
4.	Games & Sports	(1,000x12)=12,000.00	(1,000x12)=12,000.00
5.	Outfit Charge	(1,000x12)=12,000.00	(1,000x12)=12,000.00
6.	Messing Charge	(4,500x12)=54,000.00	(4,500x12)=54,000.00
7.	Laundry & Allied	(500x12) =6,000.00	(500x12)=6,000.00
8.	Dormitory Charge	(2,000x12)=24,000.00	(2,000x12)=24,000.00
9.	College Magazine (Yearly)	10,000.00	10,000.00
10.	Picnic(Yearly)	500.00	500.00
11.	Study Tour (One time)	2,000.00	2,000.00
12.	Internee Allces (Refundable)	1,20,000.00	1,20,000.00
<b>Total:</b>		<b>14,74,500.00</b>	<b>17,26,500.00</b>
<b>2<sup>nd</sup> yr, 3<sup>rd</sup> yr &amp; 4<sup>th</sup> yr (Including yearly readmission fees)</b>			
1	-	(2,12,500x3)=6,37,500.00	(2,24,500x3)=6,73,500.00
<b>5<sup>th</sup> yr</b>			
1	-	2,02,500.00	2,14,500.00
<b>6<sup>th</sup> yr</b>			
1	-	(2,02,500 -1,20,000)=82,500.00	(2,14,000 -1,20,000)=94,500.00
<b>G. Total=</b>		<b>23,97,000.00</b>	<b>27,09,000.00</b>

## Mode of paying the fees

20. The fees will be paid as follows:

- a. Intern fee for all Student (a,b): Taka 120000.00 is payable during admission. This amount will be paid back to the respective students at the rate of Taka 10000.00 per month as intern pay.
- b. Re-admission fee for all Student is Taka 10000.00.
- c. For 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> year all fees other than admission fee, development fee and caution money are payable on quarterly basis. However, students may pay these fees on half yearly or yearly basis also.
- d. All fees other than admission fee and caution money are payable on quarterly basis and are to be paid 15 days prior to the quarter i.e. fees for quarter ending September, December, March and June are to be paid by 15<sup>th</sup> of June, September, December and March respectively. All payments are to be made in time through Trust Bank, Cantonment Branch, of respective area/division; Defaulters will be dealt with as per Standing Operating Procedure (SOP) of the College.

Note:

- (1) **Outfit:** Uniform, Shoe, Bed sheet, Pillow (with cover), Bucket with Mug, Blanket, mosquito net, pullover etc.
- (2) Outfit charge, Messing Charge and Laundry & Allied Charges may be increased subject to market price.

## Regulatory and Governing Body.

21. Army Medical Colleges are peace establishment of Army Headquarters. The management, administration and academic activities of Army Medical Colleges are vested on three executive bodies as under:

a. **Council of Army Medical College**. Composition is as follows:

**Chairman** : Chief of Army Staff

**Members** :

- (1) Principal Staff Officer, Armed Forces Division.
- (2) Director General Medical Services.
- (3) Adjutant General of Bangladesh Army.
- (4) GOC, 11 Inf Div.
- (5) GOC, 24 Inf Div.
- (6) GOC, 33 Inf Div.
- (7) GOC, 55 Inf Div.

- (8) GOC, 66 Inf Div.
- (9) Rep of MOD (Not below Joint Secretary).
- (10) Rep of Ministry of Finance (Not below Joint Secretary).
- (11) Rep of MOHFW (Not below Joint Secretary).
- (12) Rep of DGHS (Not below Director).
- (13) DMS (Army).
- (14) Rep, VC, BUP.

Member Secy: Chief Administrator of respective Army Medical College.

- b. **Governing Body.** Composition of Governing Body is as under:

**Chairman:** General Officer Commanding of concerned Infantry Division & Area.

**Member:**

- (1) Senior most Adviser Specialist of concerned CMH
- (2) 1×Brigade Commander of concerned Division.
- (3) Principal of Government Medical College of concerned area.
- (4) Director, of Government Medical College Hospital of concerned area.
- (5) Assistant Director of Medical Services (ADMS), concerned Infantry Division.
- (6) Station Commander, concerned Station Head Quarter
- (7) Colonel Admin, concerned Area Head Quarter
- (8) Representative of Director General Health Service (DGHS).
- (9) Commanding Officer, concerned CMH
- (10) Rep from BUP.
- (11) Chief Administrator, concerned Army Medical College, Member Secretary.

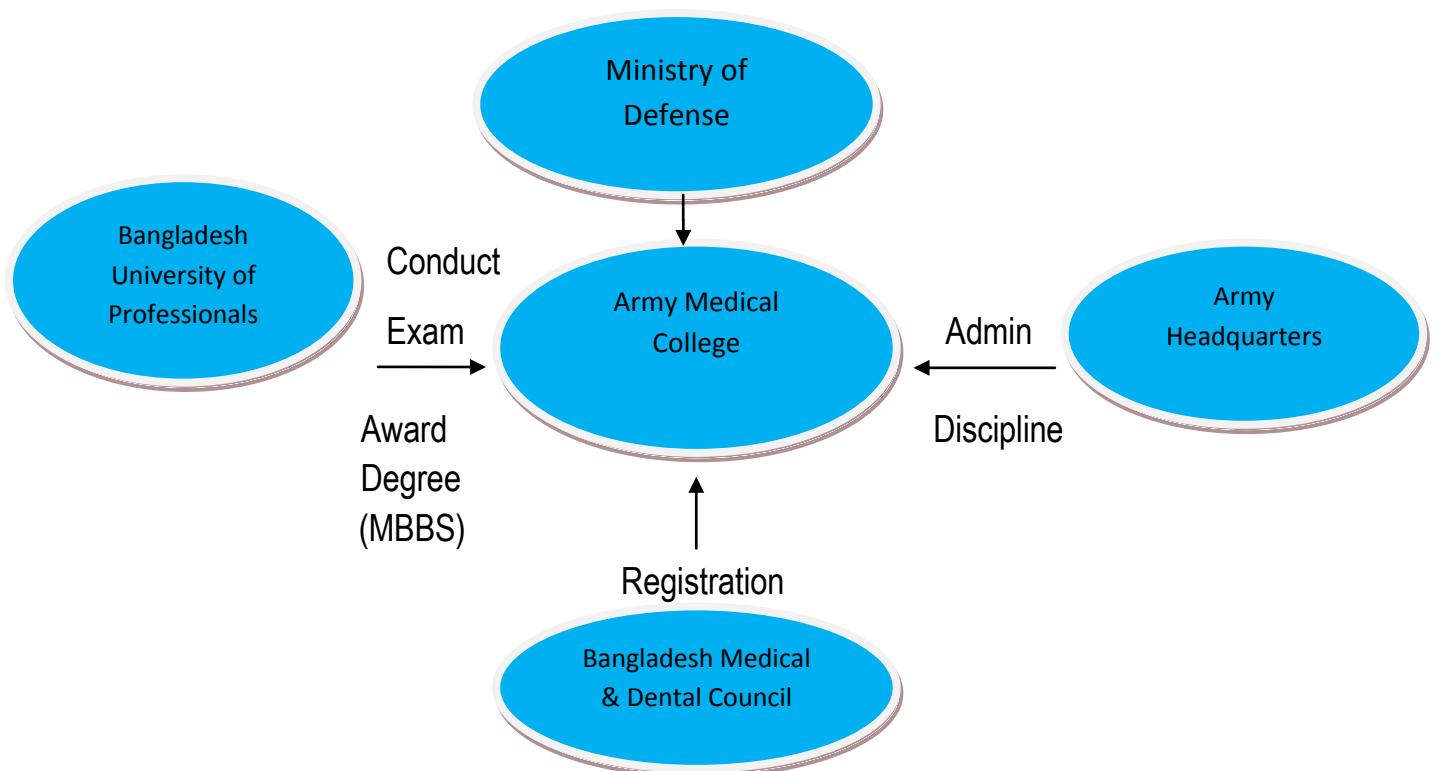
- c. **Academic Council of the College.** Academic Council is the advisory body to regulate all academic and disciplinary affairs of the college. The body meets at least once in every month and as and when necessary. Academic aspects and technical matters will be looked after by the Principal. He will be assisted by an Academic Council. Following if the body of Academic Council :



1	Principal, concerned Army Medical College	Chairman
2	Vice-Principal, concerned Army Medical College	Member
3	Head of Department of Anatomy	Member
4	Head of Department of Physiology	Member
5	Head of Department of Biochemistry	Member& Academic Coordinator
6	Head of Department of Pharmacology	Member
7	Head of Department of Forensic Medicine	Member
8	Head of Department of Pathology & Microbiology	Member
9	Head of Department of Community Medicine	Member
10	Head of Department of Medicine	Member
11	Head of Department of Surgery	Member
12	Head of Department of Gynecology & Obs	Member
13	Head of Department of Ophthalmology	Member
14	Head of Department of E, N. T.	Member
15	Head of Department of Orthopedic	Member
16	Head of Department of Pediatrics	Member
17	Representative from College Governing Body/Advisory Council.	

### Controlling Authority of the College

22. The controlling authority of Army Medical College is shown below schematically:



## College Administrative Wing

23. Administrative Wing is responsible for execution and implementation of the policies framed by the executive bodies. It controls the general administration of the college staffs and cadets and supervises their training, internal evaluation and discipline. It also coordinates the activities of various wings/departments of the college. The composition of Administrative Wing of Army Medical Colleges is as follows:

- a. Chief Administrator
- b. Acting Principal
- c. Admin Officer
- d. Chief Accountant
- e. Librarian
- f. Secretary

## Academic Wing

24. Academic wing is responsible for teaching medical cadets in accordance with the curriculum laid down by BM&DC for MBBS degree. The teaching doctrine employed by the college is based on the principle that provides a structured process of institutional teaching, which combines continuity and candor with an absolute obsession for perfection. The aim being to turn each and every medical cadet into medical graduates of advanced knowledge and expertise capable of matching the challenge of 21<sup>st</sup> century in terms of handling suffering humanity both during war and peace. The medical cadets are taught with modern methods of teaching using audio-visual aids, transparencies, slides and movies. Special emphasis is given on practical training, problem based learning and integrated teaching. Habit of self-study and self-confidence is inculcated in young medical cadets by exposing them to group discussion, seminars and symposium. Regular tests are taken to identify the stragglers and to assess the progress. The medical cadets get full exposure of a group of well trained and qualified teaching staff. They also get exposure of some prominent retired professors of the country in different specialties. The medium of instruction is English. The academic wing has the following departments:

## Department of Anatomy

Department of Anatomy is responsible for teaching pre-clinical cadets of AMC. The department teaches various discipline of Anatomy i.e. Gross Anatomy, Embryology, Neuro Anatomy, Histology, Radiological Anatomy and Living Anatomy providing special emphasis on general, applied and functional aspects. Three academic terms cater for 530 hours out of which theoretical lecturers cover 115 hours and rest 415 hours are for practical, dissection and demonstration classes.





## Department of Physiology

Department of physiology is entrusted with the sacred of teaching medical physiology in 03 terms during first one and half year of MBBS Course. The aim of teaching Physiology is to make medical cadets understand the normal functions of human body, the homeostatic mechanism and also the physical and chemical factors that are responsible for the origin, development and progression of life. At the end of the course, the medical cadets will be able to interpret the normal and abnormal functions of different structures of human body and thus would be able to execute the attained knowledge and skill to proceed in higher studies and research in the field of medical science. Total allocation of teaching hours for the subject for each course is 380 hours ; of those 240 fours are for lectures and tutorial classes and the rest 140 hours for practical skills.



## Department of Biochemistry

Science of Biochemistry helps to understand the maintenance of health and effective treatment of diseases. The department is thus organized to teach students about basic knowledge on life process depending upon chemical principles, performing and interpreting biochemical laboratory tests and procedures and requisite knowledge for higher studies and research. The teaching methodology involves theoretical lectures, tutorials and practical demonstrations which include 130 hrs for lectures, 110 hrs for tutorials and 110 hrs for practical classes.



### **Department of Community Medicine**

Department of Community Medicine offers training to the medical cadets at 1<sup>st</sup> year & 3<sup>rd</sup> year of MBBS course. The objective of this course is to provide community-oriented and need based medical education so as to produce good young dedicated doctors to ensure universal health services through effective Primary Health Care. 05 hrs of lectures should be taken at 1<sup>st</sup> year under course comprising of 110 hrs of lectures classes, 160 hrs of practical/ tutorial classes and 30 days of community based medical education (COME) and 05 hrs integrated teaching (total 275 hrs + 30 days)

### **Department of Forensic Medicine**

Department of Forensic Medicine offers training to the medical cadets of 3<sup>rd</sup> year of MBBS course. The aim of department is to increase the depth of knowledge of cadets on various subdivisions of forensic Science, Medical Jurisprudence and Toxicology. It would enable them to discharge their professional duties with sincerity & effectiveness during medical practice in the society and maintain the highest standard of medical ethics. This subject also prepares the doctors to become quite competent of helping the administration of justice by giving medico legal opinion regarding disputed cases of injury, sexual assault, identification of unknown person, age determination, poisoning and most of all determination of the mode, manner and cause in complicated incidents like a sudden, suspicious, unnatural, unattended, medically unexplained, litigious death. Total allocation of teaching hours for the subject is 195 hours, out of which 80 hours are for theoretical lectures and the rest 110 hours for tutorial & practical classes and 05 hrs for ITP/ assignments.

### **Department of Microbiology**

**Will start in phase-3**

### **Department of Pathology**

**Will start in phase-3**

### **Department of Pharmacology And Therapeutics**

**Will start in phase-3**

### **Department of Medicine and Allied Subject**

**Will start in phase-4, however ward placement and some lecture on Medicine started on July 2016.**

### **Department of Dermatology and Venereology**

**Will start in phase-4**

### **Department of Paediatrics**

**Will start in phase-4**

## Department of Psychiatry

Will start in phase-4

## Surgery and Allied Subjects

- Department of Anesthesiology
- Department of Ophthalmology
- Department of Otorhinolaryngology and Head Neck Surgery
- Department of Orthopaedic Surgery.
- Department of Radiation Oncology
- Department of Transfusion Medicine.

Will start in phase-4, however ward placement and some lecture on Medicine started on July 2016.

## Department of Obstetrics and Gynaecology

Will start in phase-4

## Courses and Curriculum

25. **Professional Training.** The College will follow undergraduate medical course curriculum approved by the BM&DC and by the Faculty of Undergraduate Medicine of BUP. On Successful completion of the course and on passing final MBBS Examination, the medical cadets will be awarded MBBS degree from BUP. The duration of the course is of 05 academic years (excluding 01year compulsory internship training required for registration to BM&DC).

### 26. MBBS Course –Structure & Duration:

a. The MBBS course is divided into four phases:

Phase	Duration	Subjects	Examination
1 <sup>st</sup> Phase	18 Months	Anatomy Physiology Biochemistry	First Professional MBBS
2 <sup>nd</sup> Phase	12 Months	Community Medicine & Forensic Medicine	Second Professional MBBS
3 <sup>rd</sup> Phase	12 Months	Pharmacology & Therapeutics Pathology Microbiology	Third Professional MBSS
4 <sup>th</sup> Phase	18 Months	Medicine & Allied subjects Surgery & Allied subjects Obstetrics &Gynecology	Final Professional MBBS

b. Phase wise distribution of teaching- learning hours:

**1<sup>st</sup> Phase:**

Subject	Lecture (in hours)	Tutorial	Practical	Others	Integrated teaching	Formative Exam		Summative exam		Total
						Preparatory Leave	Exam time	Preparatory Leave	Exam time	
Anatomy	115	53	52	Dissection+ Card exam 310	30 hrs	35 days	42 days	30 days	30 days	530
Physiology	120	120	100	-						340
Biochemistry	120	100	100	-						320
<b>Total</b>	<b>355</b>	<b>273</b>	<b>252</b>	<b>310</b>						<b>1190</b>
Behavioral science, communication skill and medical ethics will be taught through five lectures (5 hours) within 1 <sup>st</sup> phase under supervision of Community Medicine Department										5
<b>Grand Total</b>										<b>1195</b>

**2<sup>nd</sup> Phase:**

Subject	Lecture (in hours)	Tutorial	Practical// Demonstration	Integrated teaching	Formative Exam		Summative exam		Total
					Preparatory Leave	Exam time	Preparatory Leave	Exam time	
Community Medicine	110	160	COMES (community based medical education): 30days (10 days day visit + RFST + 10 days study tour)-  <b>30 days (10+10+10)</b>	05		15 days	15 days	20 days	275 + 30 days
Forensic Medicine	80	55	55	05					195
<b>Total</b>	<b>190</b>	<b>215</b>	<b>55</b>	<b>10</b>					<b>470</b>

### 3<sup>rd</sup> Phase:

Subject	Lecture (in hours)	Tutorial	Practical	Others	Formative Exam		Summative exam		Total
					Preparatory Leave	Exam time	Preparatory leave	Exam time	
Pharmacology & Therapeutics	100	30	50	Clinical Pharmacology 20	10 days	15 days	10 days	15 days	200
Pathology	100	100	28	-					228
Microbiology	100	45	45	-					190
<b>Total</b>	<b>300</b>	<b>175</b>	<b>123</b>	<b>20</b>					<b>618</b>

### 4<sup>th</sup> Phase

#### **Medicine & Allied Subjects:**

Subject	Lecture (in hours)				Tutorial classes	Integrated Teaching	Clinical (bedside teaching), in weeks			Total weeks	Block posting	Formative exam	Summative exam
	2 <sup>nd</sup> phase	3 <sup>rd</sup> phase	4 <sup>th</sup> phase	Total			2 <sup>nd</sup> phase	2 <sup>nd</sup> phase	4 <sup>th</sup> phase				
Internal Medicine	26	24	110	160	200	20 hrs	14	06	12+2 (OPD)	34	4 weeks	Preparatory leave-15 days Exam time-15 days	Preparatory leave-15 days Exam time-30 days
Psychiatry	-	-	20	20	-	-	03	-	03				
Dermatology	-	-	20	20	-	-	03	-	03				
Pediatrics	04	20	26	50	25	04	-	06	10				
Physical Medicine	-	-	05	05	-	-	02	-	02				
Emergency Medicine	-	-	-	-	-	02			02				
<b>Total</b>	<b>30</b>	<b>44</b>	<b>181</b>	<b>255</b>	<b>225</b>	<b>20 hrs.</b>	<b>20</b>	<b>14</b>	<b>20</b>	<b>54</b>			
<b>Grand Total</b>	<b>500 hours</b>					<b>58 weeks</b>						<b>75 days</b>	

## Surgery & Allied Subjects:

Subject	Lecture (in hours)				Tutorial / Practical / Demonstration	Integrated teaching	Clinical/Bedside teaching(in week)			Total weeks	Block posting	Formative Exam	Summative Exam
	2 <sup>nd</sup> phase	3 <sup>rd</sup> phase	4 <sup>th</sup> phase	Total			2 <sup>nd</sup> phase	3 <sup>rd</sup> phase	4 <sup>th</sup> phase				
General Surgery	35	30	60	125	200	20	12+4	-	6	22	4 Weeks	Preparatory leave-15 days Exam time-15 days	
Orthopaedics	5	10	30	45			-	4	4	8			
Radiology	-	-	5	5			1	-	-	1			
Radio therapy	-	-	8	8			1	-	-	1			
Trans fusion Medicine	-	5	-	5			1	-	-	1			
Trans fusion Medicine	-	5	-	5			1	-	-	1			
Anesthesia	-	10	-	10			1	-	-	1			
Neurosurgery	-	2	5	7			-	1	-	1			
Pediatric surgery	-	5	10	15			-	-	2	2			
Urology	-	5	10	15			-	-	2	2			
Burn Plastic Surgery	3	-	2	5			-	-	1	1			
Emergency & Casualty	-	-	-	-			-	-	1	1			
Dentistry	-	-	-	-			1	-	-	1			
Ophthalmology	-	40 hrs		40			-	4	4	8			
Otolaryngology	-	40 hrs		40	-	4	4	8					
Total	-	300 hrs			200	20	20 wks	14 wks	24 wks	58 wks			
Grand Total	520 hours						62 weeks			75 days			

**Obstetrics & Gynaecology:**

Lecture		Tutorial / Demonstration	Integrated Teaching	Total hours	Clinical bed side Teaching in 3 <sup>rd</sup> & 4 <sup>th</sup> phase	Block placement	Formative exam		Summative exam	
3 <sup>rd</sup> phase	4 <sup>th</sup> phase						Preparatory Leave	Exam time	Preparatory Leave	Exam time
30 hrs	70 hrs	85 hrs	15 hrs	200 hrs	16weeks (8+8)	4 wks	15 days	15 days	15 days	30 days

27. **Internal Examinations.** Internal examinations are held at various intervals after completion of lecture, demonstration/ clinical teaching. Term Final Examination, covering the taught subjects, is held at the end of each term. A preparatory practice examination is held before each professional MBBS Examination of the University.

28. **Notable Features of Existing Curriculum.** Subject with marks allocated for different professional Examination will be as follows:

**1<sup>st</sup> Professional Exam:**

Subjects	Written Exam marks	Structured Oral Exam marks	Practical Exam marks		Formative Exam marks	Total Marks
			Soft Part	Hard Part		
Anatomy	180	150	75	75	20	500
Physiology	180	100	100		20	400
Biochemistry	180	100	100		20	400
<b>Total</b>						<b>1300</b>

**2<sup>nd</sup> Professional Exam:**

Subjects	Written Exam marks	Structured Oral Exam marks	Practical Exam marks	Formative Exam marks	Total Marks
Community Medicine	90	100	100	10	300
Forensic Medicine	90	100	100	10	300
<b>Total</b>					<b>600</b>

### 3<sup>rd</sup> Professional Exam:

Subjects	Written Exam marks	Structured Oral Exam marks	Practical Exam marks	Formative Exam marks	Total Marks
Pharmacology & Therapeutics	90	100	100	10	300
Pathology	90	100	100	10	300
Microbiology	90	100	100	10	300
<b>Total</b>					<b>900</b>

### 4<sup>th</sup> Professional Exam:

Subjects	Written Exam marks	Structured Oral Exam marks	Clinical	Practical	Formative Exam marks	Total Marks
Medicine & Allied Subject	180	100	100	100	20	500
Surgery & Allied Subject	180	100	100	100	20	500
Obstetrics & Gynaecology	180	100	100	100	20	500
<b>Total</b>						<b>1500</b>

“Pass mark will be 60% in each written, oral and practical/clinical exam, separately.

- \* Marks and pattern of questions in written examination in each subject will be as follows:
- 10% marks of written examination of each paper of each subject is allocated for formative assessment.
  - 20% Marks are allocated for multiple choice question (MCQ) (except in Community Medicine) for each paper.
  - 70% Marks are allocated for short answer question (SAQ) (except in Community Medicine) for each paper.

29. **Foundation Course.** Medical Science is taught in English. Therefore, sound knowledge in English is required for acquiring medical education. The foundation course for duration of 04 weeks has been introduced for the cadets at the very beginning of the course. It is observed that the foundation course has imparted positive effects in improving the shortcoming of newly enrolled cadets.

30. **Internship Training.** After passing final professional examination, the newly passed doctors are to undergo one year compulsory internship training in the respective CMHs. It is a prerequisite for getting BM&DC registration. During internship training, the passed out doctors will be paid honorarium, the amount commensuration with that paid to the doctors doing internship training in Government Medical College Hospitals.



## Honours

31. **Honors.** According to regulation of Bangladesh University of Professionals (BUP), students securing 85% marks or more are awarded as “Honors Marks”. In such cases the candidate must pass all examinations regularly.

### 32. Academic Performance

Year-wise academic performance of respective Army Medical College (AMC) Cadet in different professional exams: (regular) are appended below:

#### a. Army Medical College Chittagong

Year	Exam	Total cadets		% of pass	Rmks
		Appeared	Passed		
2016	1 <sup>st</sup> professional Exam	50	44	88	1 <sup>st</sup> , 2 <sup>nd</sup> & 9 <sup>th</sup> position
2017	1 <sup>st</sup> professional Exam	48	43	89	17 <sup>th</sup> position
2017	2 <sup>nd</sup> professional Exam	50	43	86	5 <sup>th</sup> , 9 <sup>th</sup> , 12 <sup>th</sup> , 18 <sup>th</sup> & 20 <sup>th</sup> position

#### b. Army Medical College Bogra

Year	Exam	Total cadets		% of pass	Rmks
		Appeared	Passed		
2016	1 <sup>st</sup> professional Exam	47	38	80.85	3 <sup>rd</sup> & 7 <sup>th</sup> position
2016	1 <sup>st</sup> professional Exam	50	45	90	15 <sup>th</sup> , 18 <sup>th</sup> & 19 <sup>th</sup> position
2017	2 <sup>nd</sup> professional Exam	47	40	85.11	2 <sup>nd</sup> , 4 <sup>th</sup> , 8 <sup>th</sup> , 9 <sup>th</sup> (2), 10 <sup>th</sup> & 14 <sup>th</sup> position

#### c. Army Medical College Jessore

Year	Exam	Total cadets		% of pass	Rmks
		Appeared	Passed		
2016	1 <sup>st</sup> professional Exam	45	39	86.66	
2017	1 <sup>st</sup> professional Exam	48	41	85.42	
2017	2 <sup>nd</sup> professional Exam	45	43	95.56	

#### d. Army Medical College Comilla

Year	Exam	Total cadets		% of pass	Rmks
		Appeared	Passed		
2016	1 <sup>st</sup> professional Exam	49	44	89.80	
2017	1 <sup>st</sup> professional Exam	47	43	91.49	
2017	2 <sup>nd</sup> professional Exam	48	43	89.58	

e. **Army Medical College Rangpur**

Year	Exam	Total cadets		% of pass	Rmks
		Appeared	Passed		
2016	1 <sup>st</sup> professional Exam	50	42	84.00	
2017	1 <sup>st</sup> professional Exam	51	47	92.16	
2017	2 <sup>nd</sup> professional Exam	48	40	83.33	

### College Regulations

31. **Conduct and Discipline.** During their stay in the college, all medical cadets are groomed up to be the doctor of tomorrow. They are required to abide by all rules and regulations of the college. Non-adherence to these rules and regulations make medical cadets liable to disciplinary action, ranging from mere warning to expulsion from the college. Medical Cadets Union is prohibited in all Army Medical Colleges and the medical cadets are forbidden to be members of students' organization; they are to refrain from organizing any medical cadets' organization, club, society etc, other than those set up by the college authority in order to enhance medical cadets' physical, intellectual, moral and ethical development. Administration of the college reserves the right to take legal action as per law of the land for criminal offences committed by any cadet.

32. **Withdrawal.** Withdrawal is carried out on grounds of physical inefficiency, medical maladies, character/moral turpitude, academic inaptitude and disciplinary violations. Adjutant General, Bangladesh Army is the final authority to decide on withdrawal based on the recommendations of the Principal of the concerned Army Medical College. Depending on the nature of disciplinary cases and duration of the study in the Army Medical College, financial compensation is recovered from the medical cadets/guardian. As per curriculum laid down by Bangladesh Medical and Dental Council (BM&DC), students failing in consecutive four examinations shall be debarred to continue medical education.

**Note:**

Cadets failing to qualify first professional MBBS Examination in four consecutive chances are withdrawn from Army Medical College.

33. **Leave.** Following kinds of leave, in addition to government holidays and leave on medical certificates are granted to the medical cadet during their study at Army Medical College. The final decision as to whether medical cadets are permitted to proceed on leave, however, rests with the Principal of concerned Army Medical College.

- a. First year cadets will avail 09 days (including weekly holidays) leave on completion of foundation training.
- b. 10 days in each Eid festival (These include weekly & Eid holidays).
- c. 07 days (Including weekly holydays) leave on completion of year ending/professional examination.

In case of emergency, casual leave may be allowed for a maximum period of 10 days. Free traveling facilities are not admissible to medical cadets while proceeding to or returning from home during vacation.

## Correspondence and Address

34. Medical cadets are allotted a personal number (MC No.) after admission to Army Medical College. All correspondences to the medical cadet are addressed to as under:

Medical Cadets (MC) Number: -----

Name: -----

Batch Number: -----

Respective Army Medical College

**Website:** \_\_\_\_\_

## Conclusion

35. The Medical College aims at improving the system of medical education and health care with the present concept of community oriented medical education and training which will be relevant to the need of the country. It is intended to bridge the gap between the need and resource for the development of health education, maternal and child welfare and other research to assist the government in its health program.

36. The medical science is advancing with the enrichment of educational science and technology. Global changes are taking place in medical education in accordance and conformity to these advancement and changes. With the application of these knowledge and skill of medical science, future doctors should satisfy their patients with the changing need of the community. As a nation of third world countries, we have to keep pace with the latest development in medicine.

37. Keeping the aforesaid in view, Army Medical College has been established as a whole time residential Medical Institution under the Ministry of Defence with a view to bringing out a group of disciplined, morally upright, militarily motivated, dedicated doctors and efficient physicians to serve the Armed Forces in particular and our heroic nation in general. All officers and members of Army Medical College are working relentlessly and with fullest dedication mission.



MASTER PLAN  
ARMY MEDICAL COLLEGES

