

Syllabus
for Courses affiliated to the
Kerala University of Health Sciences
Thrissur 680596



BACHELOR OF UNANI MEDICINE AND
SURGERY (BUMS)
Course Code 021
(2016-17 Academic year onwards)

2016

2. COURSE CONTENT

2.1 Title of course:

Kamil-E-Tib-Wa-Jarahat (Bachelor of Unani Medicine and Surgery-B.U.M.S.)

2.2 Objectives of course:

To produce competent Unani graduates of profound scholarship, having a deep basis of Unani with modern scientific knowledge in accordance with Unani fundamentals with extensive practical training so as to become Unani Physician and Surgeon and Research worker fully competent to serve in the medical and health services of the country.

2.3 Medium of instruction:

The medium of instruction for the course shall be Urdu, substantiated with English wherever necessary.

2.4 Course outline:

The course outline is based on the teaching of Unani medicine with Theory/ Practicals/ Clinical observations.

2.5 Duration:

Degree (Bachelor of Unani Medicine and Surgery–B.U.M.S.) Course: The duration of course shall be five years and six months comprising:

- | | |
|-----------------------------------|-------------------|
| a. First Professional Session | (Twelve months) |
| b. Second Professional Session | (Twelve months) |
| c. Third Professional Session | (Twelve months) |
| d. Final Professional Session | (Eighteen months) |
| e. Compulsory Rotatory Internship | (Twelve months) |

2.6 Syllabus:

The Subjects for First B.U.M.S. shall be as under:

- (i) Arabic and Mantiq waFalsafa(Arabic, Logic and Philosophy)
- (ii) Kuliyat Umoore Tabiya (Basic Principles of Unani Medicine)
- (iii) Tashreeh-ul-Badan(Anatomy)
- (iv) Munafe-ul-Aaza(Physiology)

The Subjects for Second B.U.M.S. shall be as under:

- (i) Tareekh-e-Tib (History of Medicine)
- (ii) Tahaffuzi wa Samaji Tib (Preventive and Community Medicine)
- (iii) Ilmul Advia(Pharmacology)
- (iv) Mahiyat-ul-Amraz(Pathology)

The Subjects for Third B.U.M.S. shall be as under:

- (i) Communication Skills
- (ii) Ilmul Saidla wa Murakkabat (Pharmacy and Compound formulation)
- (iii) Tibbe Qanooni wa Ilmul Samoom (Jurisprudence and Toxicology)
- (iv) Sareeriyat wa Usoole Ilaj (Clinical Methods)
- (v) Ilaj bit Tadbeer (Regimenal Therapy)
- (vi) Amraze Atfal(Paediatrics)

The Subjects for Fourth B.U.M.S. shall be as under:

- (i) Moalajat(General Medicine)
- (ii) Amraze Niswan(Gynaecology)
- (iii) Ilmul Qabala wa Naumaulood (Obstetrics and Neonatology)
- (iv) Ilmul Jarahat(Surgery)
- (v) Ain, Uzn,Anaf,HalaqWAAsnan(Eye,Ear,Nose,Throat and dentistry).
- (vi)Amraz-e-Jild-wa-Tazyeeniyat (Skin and Dermatology)

The concept of Health Care Counselling shall be incorporated in all relevant areas

2.7 Total number of Hours:

First BUMS:

Name of the Subject	Number of Teaching Hours		
	Theory	Practical	Total
(1)	(2)	(3)	(4)
1. Arabic and Mantiq wa Falasifa (Arabic, Logic and Philosophy)	100	-	100
2. Kulliyat Umoore Tabiya (Basic Principles of Unani Medicine)	100	50	150
3. Tashreeh-ul-Badan (Anatomy) Paper(I) - Tashreeh-ul-Badan-I Paper(II) - Tashreeh-ul-Badan-II	225	200	425
4. Munafeul Aaza (Physiology) Paper(I) - Munafe-ul-Aza-I Paper(II) - Munafe-ul-Aza-II	225	200	425

Second BUMS:

Name of the Subject	Number of Teaching Hours		
	Theory	Practical	Total
(1)	(2)	(3)	(4)
1.Tareekh-e Tib (History of Medicine)	100	-	100
2.Tahaffuzi wa Samaji Tib (Preventive and Community Medicines)	150	100	250
3.Ilmu Advia Paper(I) - Kulliyat-e-Advia Paper(II) - Advia Mufradah	200	100	300
4.Mahiyatul Amraz Paper(I) -Mahiyatul Amraz Umoomi wa Ilmu Jaraseem Paper(II) - Mahiyatul Amraz Nizami	200	200	400

Third BUMS:

Name of the Subject	Number of Teaching Hours		
	Theory	Practical	Total
(1)	(2)	(3)	(4)
1.Communication Skills	100	-	100
2.Ilmul Saidla wa Murakkabat Paper(I)- Ilmul Saidla Paper(II)- Advia Murakkabah	140	100	240
3.Tibbe Qanooni wa Ilmul Samoom (Medical Jurisprudance and Toxicology)	100	50	150
4.Sareeriyat wa Usool-e-Ilaj	80	140	220
5.Ilaj bit Tadbeer	80	140	220
6.Amraze Atfal	80	50	130

Fourth BUMS

Name of the Subject	Number of Teaching Hours		
	Theory	Practical	Total
(1)	(2)	(3)	(4)
1.Moalejat (Medicine) Paper-(I): Amraz-e-Nizam-e-Dimagh-wa- aasab, wa Amraze Nafsiyati, Amraze Ghudude Ghair Qanati, Amraze Nukhamiya. Paper-(II): Amraz-e-Tanaffus, Qalb, Dauran-e-Khoon, Amraze Dam wa lymphaviya. Paper-(III): Amraz-e- HazmKabid, Tehal, Baul-wa-Tanasul wa Baah	250	Clinical duties (in groups) in various sections of the Hospital 3-4 hours per day	--
2.Amraz-e-Niswan (Gynaecology)	100		--
3.IlmulQabalat-wa-Naumaulood (Obstetrics and Neonatology)	100		--
4.IlmulJarajat (Surgery) Paper-(I): Jarajat Umoomi Paper-(II): Jarajat Nizami	150		--
5.Ain, Uzn, Anaf, Halaq-wa-Asnan (Ophthalmology, ENT and Dentistry)	100		--
6.Amraz-e-Jild-wa-Tazyeeniyat ,Amraze Mufasil, waAmrazeMutaddiya, waHummiyat.	100		--

2.8 Branches if any with definition:

No

2.9 Teaching learning methods:

Traditional methods of teachings along with multimedia supported method.

Method of Training: The method of training are mainly based of theory classes, tutorials, practical's, supplemented by CME, Conferences, Seminars, Symposia, Debates etc.

2.10 Content of each subject in each year:

INDEX		
I-PROFESSIONAL BUMS		
Sr No	Subject	
1.1	Arabic and Mantiq wa Falsifa wa Ilmul Haiya't	
1.2	Kulliyat Umoore Tabiya	
1.3	Tashreehul Badan	
1.4	Munafeul Aaza	

II-PROFESSIONAL BUMS		
Sr No	Subject	
2.1	Tareekh-e-Tib	
2.2	Tahaffuzi wa Samaji Tib	
2.3	Ilmul Advia	
2.4	Mahiyatul Amraz	

III-PROFESSIONAL BUMS		
Sr No	Subject	
3.1	Communication Skill	
3.2	Ilmul Saidla	
3.3	Tibb-e-Qanooni Wa Ilmul Samoom	
3.4	Sareeriyat wa Usool-e-Ilaj	
3.5	Ilaj Bit Tadbeer	
3.6	Amraze Atfal	

IV-PROFESSIONAL BUMS		
Sr No	Subject	
4.1	Moalijat-(General Medicine)	
4.2	Amraz E Niswan (Gynaecology)	
4.3	Ilmul Qabalat Wa Naumaulood (Obstetrics And Neonatology)	
4.4	Ilmul Jarahat (Surgery)	
4.5	Amraze Ain Wa Amraze Uzn, Anaf Wa Halaq	
4.6	Amraze Jild wa Tazyeeniyat	

**1.1- ARABI, MANTIQ, FALSAFA WA ILMUL HAY'AT
(ARABIC, LOGIC, PHILOSOPHY AND ASTRONOMY)**

**Theory- One Paper: (100 Marks)
Total Teaching Hours: 100 hours**

A. MANTIQ (LOGIC): (50Marks)

1. Tareef, Mauzu, aur Gharz-o-Ghayat (Definition, aims and objectives).
2. Ilm aur Idrak, Aqşam-e-Ilm, Tasawwur-wo-Tasdeeq aur iske Aqşam (Knowledge and Perception, Kinds of Knowledge, Imagination and Judgement and its classification).
3. Mu'arrif ya Qawl-e-Shaareh, Daleel ya Hujjat (Made known, Argument).
4. Dalaalat ki tareef-wo-taqseem, Lafz ki tareef-wo-taqseem (Evidence: its definition and kinds, Word: its definition and classification).
5. Mafhoom-e-Juzwi wa Kulli mae aqşam, Nasab-e-Arba (Definition of Individual/Particular and Generals and their kinds, Four Relations).
6. Qazaya, Qaziyyah, Hamaliyya ki jumla aqşam, Qaziyyah Shartiyah ki do qismein: Muttasila-wo-Munfasila (Proposition, Clause and its kinds, Conditional Clause and its two kinds viz., Attached and Detached Clause).
7. Bahas, Bahas-e-Tanaqus, Bahas-e-Aks (Discussion, Contradiction, Contradictory discussion).
8. Hujjat ki aqşam, Qiyas, Istiqra, Tamseel, Qiyas ki qismein (Division of Arguments, Hypothesis/ Analogy, Induction, Allegory and kinds of Hypothesis).

B. FALSAFA (PHILOSOPHY):

1. Hikmat, Tareef-wo-taqseem, Mauzu, aur Gharz-o-Ghayat (Philosophy, its Definition and kinds, aims and objectives).
2. Jism, Jism-e-Taba'i, Jism-e-Taleemi, Heula, Surat Jismiah-o-Surat-e-Nuwia ki tareef (Body, Physical body, Educational Body, Matter, Shape, Definition of Body Shape and Species Shape).
3. Makan, Hayyat, aur Shaki ki tareef (Definition of Space, locus and Shape).
4. Harkat wa Sukoon ki tareef, gharz-o-ghayat, aqşam-o-sharayat (Movement and Rest, their definitions, aims and objectives, kinds and conditions).
5. Zamānah ki tareef-wo-tauzeeh (Definition of Time and its Explanation).
6. Anāsir ki tareef, Aqşam, Kaifiyyāt-wo-Mizaj (Ijmāli Bayan), (Definition of Elements, kinds, qualities and temperament with brief description).
7. Kaun-wa-Fasād, Murakkabate Tāmmah, Jamadāt, Nabatāt-wo-Nafse Nabati, Nafse Haiwani, Nafse Natiqa aur iski matehath kām karne wāli quwwatein, Murakkabat-e Nāqisa ki tareef mae imsāl (Anabolism and Catabolism, Complete compounds, Minerals, Plants and Botanical Reason, Animal Reason, Human Reason and faculties working under them. Definition of incomplete compounds along with examples).
8. Quwa-e Qudrati ke aqşam aur Falsafa-e-Qudrat (Types of energy and law of nature).

C. ILMUL HAY'AT (ASTRONOMY):

1. Ilm-e-Hay'at ki tareef, aur tib se iska ta'alluq (Definition of Astronomy and its relation with Medicine).
2. Khate Sartan, Khate Jaddi, Khate Estiwa, Khate Mintaqatul Buruj (Tropic of Cancer, Tropic of Capricorn, Equator, Zodiac Line, signs and temperament).
3. Daira Muaddil-un-Nahar, Daira Nisf-un-Nahar (Meridian Circle, Mid-Day Circle).

D. IBTEDA-I-ILM-UN-NAFS (ELEMENTARY PSYCHOLOGY):

1. Ilm-un-Nafs ki tareef-o-aqşam (Psychology, its definition and types).
2. Ilm-un-nafs aur Ilm-e-Tib ka Bahmi Rabt bayan karte huway Ahsas, Idrak, Mushahidah aur Tawajjuh ka ta'arruf (Description of interrelation between psychology and Medicine. Introduction of Feelings, Perception, Observation and Attention).

ARABIC**(50 Marks)****Part A:**

1. Kalmah aur iske aqşam, Ism, Fael, Harf (Word and its types, Noun, Verb, Particle).
2. Kalām aur iski aqşam (types of sentences).
3. Kalāme Tām, Jumlah Ismia, Jumlah Faeliyah (Complete sentence, Noun sentence, and Verbal sentence).
4. Kalāme Nāqis, Murakkabe Ishari, Murakkabe Izafi (Incomplete Sentence, Directive construction, Possessive construction).
5. Ism ki taqseem balehaz-e-Tareef-o-Tankeer, Balehaz-e-Jins, Balehaz-e-Adad (types of Noun according to Definite and Indefinite Noun, Gender, and Number).
6. Isme Marifah aur iske aqşam (Marif Billam) ke saat Huroof-e-Shamsiyyah-o-Qamariyyah ki wazahath (Definite Noun and its types, {Noun with definite article} with the explanation of Shamsi and Lunaar Characters).
7. Aerab, tareef-o-taqseem, Ierab bil huroof, Ierab bil Harkat (Inflection Sign, its definition and types: by letters and by signs).
8. Fael aur iski aqşam ba etebar-e-Zamāna: Māzi, Hāl, Mustaqbil (Verb and its types according to Tense: Past, Present and Future).
9. Fael-e-Sulāsi Mujarrad aur iske Abwāb (Trilateral Primitive and its Sections).
10. Gardān-e-Mazi aur Seghae (Conjugation of Past tense and moods).
11. Gardān-e-Muzare aur Seghae (Conjugation of indefinite past tense [Aorist] and Moods).
12. Taqseem-e-Fael-e-Māzi-o-Muzarea ba etebar-e-Maroofo-o-Majhool (types of Past and indefinite past tense (Aorist) according to Active and Passive).
13. Gardān-e-Fael-e-Amr-o-Nahi (Conjugation of Imperative and Prohibitive Verbs).
14. Taqseem-e-Ism: Jāmid, Masder-e-Mushtaq, Isme Fa'el, Isme Ma'ool, Isme Zarf-o-Isme Tafzeel (types of Noun: Infinitive Noun, Origin/Source, Derivative, Active Participle Noun, Passive Participle Noun, Noun of place and Comparative and Superlative Noun).
15. Marfu'āt, Mansubāt, Majroorāt (Nominative cases, Accusative cases and Genitive