



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

Many courses of university curriculum are taught across various disciplines. The following courses are identified as the interdisciplinary courses running in the university.

S.N.	Programme Name	Program Code	No. of Courses	Courses Name			
1	MBBS	KGMB00	23	Human Anatomy	Physiology	Biochemistry	Pharmacology
				Pathology	Microbiology	Forensic Medicine And Toxicology	Community Medicine
				General Medicine	Respiratory Medicine	Pediatrics	Psychiatry
				Dermatology, Venereology & Leprosy	Physical Medicine & Rehabilitation	General Surgery	Ophthalmology
				Otorhinolaryngology	Obstetrics & Gynecology	Orthopedics	Anesthesiology
				Radiodiagnosis	Radiotherapy	Dentistry	
2	BDS	KGBD00	19	General anatomy including embryology and histology	General human physiology and biochemistry	Dental Anatomy, Embryology and Oral Histology	General pathology and Microbiology
				General and dental pharmacology and therapeutics	Dental Materials	Pre Clinical Conservative - Only Practical and Viva Voce	Pre Clinical Prosthodontics - Only Practical and Viva Voce
				General Medicine	General Surgery	Oral Pathology and Oral Microbiology	Public Health Dentistry
				Periodontology	Orthodontics and Dentofacial Orthopedic	Oral Medicine and Radiology	Oral & Maxillofacial Surgery
				Conservative and Endodontics	Prosthodontics and Crown & Bridge	Paediatric and Preventive Dentistry	
3	BSc Nursing	KGBC01	22	Communicative English	Applied Anatomy	Applied Physiology	Applied Sociology
				Applied Psychology	Nursing Foundation I including First Aid module	Applied Biochemistry	Applied Nutrition and Dietetics
				Health/Nursing Informatics & Technology	Applied Microbiology and Infection Control including Safety	Pharmacology	Pathology
				Adult Health Nursing with integrated pathophysiology including BCLS module	Professionalism, Professional Values and Ethics including bioethics	Child Health Nursing I including Essential Newborn Care (ENBC), FBNC, IMNCI and PLS, modules	Mental Health Nursing

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				Community Health Nursing including Environmental Science & Epidemiology	Educational Technology/Nursing Education	Introduction to Forensic Nursing and Indian laws	Nursing Management & Leadership
				Midwifery/Obstetrics and Gynecology (OBG) Nursing including SBA module	Nursing Research & Statistics		
4	BSc Radiotherapy	KGBC02	7	Anatomy	Physiology	Radiological physics and Radiation Protection	Radiation Equipment Dosimetry and Quality
				Radiographic techniques in Oncology	Recent advances in Radiotherapy	Radiotherapy treatment techniques	
5	MSc in Child Health Nursing	KGMC00	21	Community Health Nursing	1- Child Health Nursing	Medical Surgical Nursing	Advance Nursing Practice
				Nursing Education	2- Child Health Nursing	Statistics	Nursing Research
				1-Obstetric and Gynaecological Nursing	Community Health Nursing	Medical Surgical Nursing Gastro	Medical Surgical Nursing Critical Care
				Medical Surgical Nursing Nephro Urology Nursing	Medical Surgical Nursing CVTS	Mental Health Nursing	Medical Surgical Nursing Oncology
				Medical Surgical Nursing Orthopedic Nursing	Medical Surgical Nursing Neurosciences Nursing	Nursing Management	2-Obstetric and Gynaecological Nursing
				Medical Health Nursing			
6	MSc in Community Health Nursing		21				
7	MSc in Medical Surgical Nursing		21				
8	MSc in Mental Health Nursing		21				
9	MSc in Obstetrics and Gynecology Nursing		21				
10	Anesthesiology	KGMD01	4	Basic sciences as applied to anaesthesiology	Anaesthesia in relation to associate systemic diseases	Anaesthesia in relation to sub-specialties	Intensive care medicine, Pain Medicine & recent advances
11	Anatomy	KGMD02	4	Gross Anatomy including general Anatomy	Embryology, genetics & histology	Neuroanatomy	Applied anatomy including radiological anatomy & recent advances
12	Community Medicine	KGMD03	4	History of public health, Concepts in community medicine & epidemiology	Health Services management	Nutrition, environmental health & Demography	Mental health & Health technology
13	Forensic Medicine	KGMD04	4	Basic sciences & allied subjects as applicable to forensic medicine	Clinical forensic medicine & medical jurisprudence	Forensic pathology & toxicology	Applied aspects of clinical disciplines, forensic sciences & recent

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							advances in forensic medicine & forensic psychiatry
14	Medicine	KGMD05	4	Basic sciences as applied to Medicine	Applied pathology & Microbiology	Principles of Medicine	Practice of Medicine & Therapeutics
15	Hospital Administration	KGMD06	4	General Administration	Health Administration	Hospital Administration and Hospital Planning	Administration of Clinical and Non-clinical services
16	Immunohaematology & Blood Transfusion	KGMD07	4	Basics of Blood Banking	Immunohematology	Blood donation	Recent Advances
17	Microbiology	KGMD08	4	General Microbiology & Immunology	Systematic Bacteriology	Virology Parasitology and Mycology	Applied Microbiology & Recent advances
18	Emergency Medicine	KGMD09	4				
19	Pediatrics	KGMD10	4	Basic sciences as applied to pediatrics	Neonatology & community pediatrics	General pediatrics including advances in pediatrics relating to cluster-I specialties	General pediatrics including advances in pediatrics relating to cluster-II specialties
20	Pathology	KGMD11	4	General pathology, Pathophysiology, Immunopathology & Cytopathology	Systemic Pathology	Haematology, Transfusion Medicine (Blood Banking) & Laboratory Medicine	Recent advances & applied aspects
21	Pharmacology	KGMD12	4	General Pharmacological principles & Applied sciences	Systemic Pharmacology, Chemotherapy & Therapeutics	Experimental Pharmacology, Bioassay & Statistics	Clinical Pharmacology & Recent Advances
22	Physical Medicine & Rehabilitation	KGMD13	4	Basic Sciences and Basic Concepts as applied to Physical Medicine and Rehabilitation	Principles and Practice of Physical Medicine; and Rehabilitation Management of Musculoskeletal Conditions	Principles and Practice of Rehabilitation Management of Neurological, Cardio-pulmonary and other Conditions	Legislation, Recent Advances as applied to Physical Medicine and Rehabilitation
23	Physiology	KGMD14	4	General physiology including history of physiology	Systemic physiology (system providing transport nutrition & energy)	Systemic physiology (system concerned with procreation, regulation & neural control)	Applied physiology including recent advances
24	Psychiatric	KGMD15	4	Basic sciences as related to psychiatry	Clinical Psychiatry	Psychiatric theory & Psychiatric specialties	Neurology & General Medicine as related to Psychiatry
25	Radiotherapy	KGMD16	4	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipments & Techniques of	Clinical Radiation Oncology	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology

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				Radiotherapy			
26	Radiodiagnosis	KGMD17	4	Basic sciences related to Radiology (it consists of Anatomy, Pathology, Basic & Radiation Physics, Imaging Techniques & Dark Room processing)	CVS, Resp. GIT (including Hepato biliary), Endocrine, Chest, Mamography	Genitourinary, Retroperitoneum, CNS including head & Neck, Musculoskeletal system, Obst. & Gynae, ENT & Eye & interventional Radiology	Recent advances & nuclear medicine Radiology related to clinical specialties
27	Respiratory Medicine	KGMD18	4	General pulmonary medicine and basic sciences	Clinical pulmonary medicine including medical emergencies	Clinical pulmonary medicine including critical care medicine	Recent advances in pulmonary medicine, and research methodology
28	Biochemistry	KGMD19	4				
29	E.N.T.	KGMS01	4	Basic sciences related Otolaryngology	Principles & Practices of Otolaryngology	Recent advances in Otolaryngology & Head-Neck surgery	General surgical principles & Head-Neck surgery
30	General Surgery	KGMS02	4	Basic Sciences	Principles & practice of Surgery	Principles & practice of Operative Surgery	Recent advances
31	Ophthalmology	KGMS03	4	Basic sciences related to Ophthalmology	Clinical Ophthalmology	Principals & Practice of surgery of Eye & related topics	Recent advances in Ophthalmology
32	Orthopedic Surgery	KGMS04	4	Basic sciences related to speciality	Traumatology & Rehabilitation	Orthopaedic diseases	Recent advances in Orthopaedic surgery
33	Traumatology and Surgery	KGMS05	4				
34	Obstetric. & Gynae.	KGMS06	4	Applied basic sciences	Obstetrics including social obstetrics & diseases of new born	Gynaecology	Recent advances in Obstetrics & Gynaecology
35	Conservative Dentistry	KGDS01	3	Conservative Dentistry	Endodontics	Descriptive and analyzing type question	
36	Oral & Max Surgery	KGDS02	3	Minor Oral Surgery and Trauma	Maxillofacial Surgery	Descriptive and analyzing type question	
37	Oral Medicine & Radiology	KGDS03	3	Oral and Maxillofacial Radiology	Oral Medicine, therapeutics and Laboratory investigations	Descriptive and analyzing type question	
38	Oral Pathology & Microbiology	KGDS04	3	Oral pathology, Oral Microbiology and Immunology and Forensic Odontology	Laboratory Techniques, Diagnosis & Oncology	Descriptive and analyzing type question	
39	Orthodontics	KGDS05	3	Orthodontic history, concept of occlusion and esthetics, child and psychology, Etiology and classification of	Clinical Orthodontics	Descriptive and Analyzing type question	

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				malocclusion, Dentofacial Anomalies, Diagnostic procedures and treatment planning in Orthodontics, Practice management in Orthodontics			
40	Pediatric & Preventive Dentistry	KGDS06	3	Clinical Pedodontics	Preventive and Community dentistry as applied to pediatric dentistry	Descriptive and analyzing type question	
41	Periodontics	KGDS07	3	Normal periodontal structure, etiology and pathogenesis of periodontal diseases, epidemiology as related to periodontics	Descriptive and analysing type questions	Periodontal diagnosis, therapy and Oral implantology	
42	Prosthodontics Final	KGDS08	3	Removable Prosthodontics and Implant supported prosthesis (Implantology), Geriatric dentistry and Cranio facial Prosthodontics	Fixed Prosthodontics, occlusion, TMJ and esthetics	Descriptive and analyzing type question	
43	Public Health Dentistry	KGDS09	3				
44	Cardiology	KGDM01	4	Basics of Cardiology	Practice of Cardiology	Subspecialties	Recent Advances
45	Rheumatology	KGDM02	4	Applied basic sciences and diagnostic procedures in Rheumatology	Clinical Rheumatology	Therapeutics & Inter disciplinary treatment in Rheumatology	Recent advances in Rheumatology
46	Geriatric Mental Health	KGDM03	4	The Basic Sciences of Geriatric Mental Health	Principles and practice of applied sciences (clinical) in Geriatric Mental Health	Allied diagnostic and research sciences in Geriatric Mental Health	Recent advances in Geriatric Mental Health
47	Neurology	KGDM04	4	Basic sciences related to neurology	Clinical neurology including paediatric neurology and neuropsychiatry	Diagnostic and interventional neurology including neurological instrumentation	Recent advances in neurology
48	Pulmonary Medicine	KGDM05	4	Basic sciences and pathology as applied to Pulmonary, Critical Care & Sleep Medicine	Practice of Pulmonary disorders including Tuberculosis & Sleep Medicine	Practice of Critical Care Medicine	Recent Advances in Pulmonary, Critical Care & Sleep Medicine
49	Medical Gastroenterology	KGDM06	4				
50	Clinical Hematology	KGDM07	4				
51	Critical Care Medicine	KGDM08	4				
52	CVTS	KGMC01	4	Adult Cardiac Surgery- Basic	Congenital Cardiac	Thoracic & Vascular	Recent advances in Cardio

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				sciences, diagnostic procedure, medical & catheter based treatment of cardiovascular disease, preoperative & intraoperative treatment of cardiac surgery patient, surgical management of aortic disease, surgical management of valvular heart disease, surgical management of coronary artery disease, surgical management of heart failure, pericardial disease, tumors of heart	Surgery- Basic sciences, Cardiac embryology and genetics, diagnostic imaging, all congenital heart disease- acyanotic and cyanotic heart diseases	Surgery- Basic sciences, diagnostic evaluation, diseases of trachea, benign & malignant lung diseases, chest wall, pleural diseases, blunt & penetrating chest wall trauma, diaphragm diseases, benign & malignant diseases of esophagus, mediastinal diseases, peripheral vascular diseases, vascular trauma	Vascular & Thoracic Surgery
53	Endocrine Surgery	KGMC02	4	Basic sciences as applied in Endocrine Surgery- Applied Anatomy, Physiology, Bio Chemistry, Pharmacology, Pathology	Clinical - I	Clinical - II	Recent Advances
54	Neuro Surgery	KGMC03	4	Basic Sciences as applied to Neurosurgery- Anatomy, Physiology, Pharmacology, Monitoring, Research Methods, History of Neurosurgery	Clinical & Operative Neurosurgery related to cranial diseases & trauma- Pathology, Patho-physiology, Clinical signs & symptoms, Neuro-radiology, Management aspects & outcome	Clinical & Operative Neurosurgery related to Spinal diseases & trauma- Pathology, Patho-physiology, Clinical signs & symptoms, Neuro-radiology, Management aspects & outcome	Investigative and recent advances in Neurosurgery in field of- Neuro-oncology, Neuro-endoscopy, Minimal invasive surgery, Neuro-trauma, Neuro-radiology, Functional neurosurgery, Trials update
55	Pediatric Surgery	KGMC04	4	Basic sciences of pediatric surgery, neonatal and <u>general pediatric surgery</u>	General pediatric surgery	Pediatric urology & other sub-specialty and general <u>pediatric surgery</u>	Recent advances in pediatric surgery
56	Plastic Surgery	KGMC05	4	Basic Sciences as related to Plastic Surgery	Clinical / General Plastic Surgery	Operative/Regional Plastic Surgery	Recent advances in Plastic Surgery
57	Surgical Gastrology	KGMC06	4	Basic surgical gastroenterology	Surgical gastroenterology- Esophagus, Stomach, Small bowel, Colorectum	Surgical gastroenterology- Liver, Biliary tract, Pancreas	Recent Advances and Miscellaneous
58	Surgical Oncology	KGMC07	4	Basic Sciences as applicable to Surgical Oncology	Clinical and Surgical Oncology	Principles and Practice of Oncology	Recent advances in Oncology, Epidemiology &

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							Rehabilitation
59	Urology	KGMC08	4	Basic sciences related with Urology	Principles & practice of Urology	Techniques and Allied Urology	Recent advances in Urology
60	Pediatric Orthopedic	KGMC09	4				
61	MHA	KGMA01	4	Concept and Principle of Management	Organisation and Management of Clinical Services	Health Administration	Healthcare Marketing and Public Relations
62	Master in Health Profession	KGMA02	18	Theories and Practice of Adult Education Faculty development	Curriculum Development and Evaluation	Principles of Assessment and Teaching	Teaching Methodologies and Classroom Design
				Research methodology	Psychometrics	Learning Outcome development and mapping (Competency Based education)	Choice Based Credit System & Entrustable Professional activities
				Students learning teaching methodologies to teach and Peer Assisted Learning (PAL)	E-learning	Ethics	Communication and professionalism
				Organization leadership and Change	Feedback & Mentoring	Proposal and Manuscript writing	Dissertation
				Manuscript writing	Organizing a workshop/symposium		
63	M Phil	KGMP01	6	Psychosocial Foundations of Behavior and Psychopathology	Statistics And Research Methodology	Psychiatry	Biological Foundations of Behavior
				Behavioral Medicine	Psychotherapy And Counseling		
64	PHD		1	Foundation Course			
65	MD-PhD		4				
		TOTAL	404				

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