



HANDBOOK 2022

FACULTY OF MEDICINE

SABARAGAMUWA UNIVERSITY OF SRI LANKA



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HANDBOOK 2022

Faculty of Medicine

Sabaragamuwa University of Sri Lanka

Handbook 2022

Faculty of Medicine, Sabaragamuwa University of Sri Lanka

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MESSAGE FROM THE VICE CHANCELLOR

Sabaragamuwa University of Sri Lanka (SUSL) embarked on a historical journey with the establishment of its youngest Faculty, the Faculty of Medicine in the year 2018. The current handbook marks the launching of the complete students' handbook since the commencement of the Faculty.

I would like to take this opportunity to reflect on the milestones of SUSL as we look at the horizon. Having recruited only four batches of medical students, we are still in the initial phase of life as a Faculty. However, this expanding young faculty will be bestowed with a new para-clinical and administrative block with funds received by the Government of Sri Lanka in the year 2022. In the years to come, it will be blessed with more amenities including separate professorial and clinical units, a preclinical block, a library, staff accommodation, an expanded faculty area, and many more. These facilities, which will be funded by the Saudi Fund for Development, will cost 50 million US Dollars.

Having enrolled in a Faculty that promotes individuality, equality with zero ragging, every student is given the opportunity to reach the pinnacle of his or her education. Too often in the last few decades or so, many higher educational institutions were used as an arena in a culture war intended to split the students based on their social status, background, religion, etc. We promote diversity and use it as a tool to help our student community. As an educational institution, my fellow academic staff and I will continue to support you to reach your full potential within and beyond this country. I hope you will continue to work meticulously with your peers across higher education to improve your shared objectives.

There is a tremendous amount of work to be done in the future for our country, to build mutual respect, accept diversity and make progress as a nation. The work of this Faculty can help advance those common goals. I hope you will remember these days and make use of every opportunity to build your character as a great physician.

I wish you every success in your academic life!

Professor R.M.U.S.K. Rathnayake

Vice-Chancellor

Sabaragamuwa University of Sri Lanka

MESSAGE FROM THE DEAN

The Faculty of Medicine of the Sabaragamuwa University of Sri Lanka is the 10th Medical Faculty for the country, and it was established in August 2018.

The new building complex for the Faculty of Medicine will be constructed in two stages in picturesque land surrounded by mountains in the heart of Ratnapura. The paraclinical and the administrative complexes are being constructed with the help of funding from the Government of Sri Lanka, while the preclinical complex, clinical departments, professorial unit, canteen complex, library, medical education and research unit, student and staff accommodation will be constructed through the Saudi Fund for Development.

Teaching Hospital Ratnapura, being our affiliated teaching hospital, is the main hospital in Sabaragamuwa Province with a high patient turnover and tertiary care facilities. Its proficient, extended teaching staff provides an excellent clinical training program for our students.

Our academic staff, administrative staff, and cooperate staff are committed to providing top-quality medical education and training to our medical undergraduates and producing expert healthcare professionals who are competent in addressing the pressing healthcare needs of our community. We deliver a student-centric learning environment while providing guidance to students every step of the way. The Faculty has been successful in collaborating with other cognoscenti and Faculties both nationally and internationally to share their expertise, best of their experience, advances in technology and educational innovation to ensure that our students receive the best knowledge, skills, and attitudes to prepare them to lead the healthcare advances in the future.

During this COVID 19 pandemic, we have come across a turbulent period for academic institutions and have to face new challenges. However, we have been able to continue our goals through a virtual learning platform accomplishing the promise of educational progress.

I believe we are in the process of educating the next generation of leaders and scientists. I hope you will turn out to be the best and the brightest of physicians who are caring, committed and focused on making a difference in the healthcare system in the country.

Professor M. Nirmali Wickramaratne

Dean, Faculty of Medicine

Sabaragamuwa University of Sri Lanka

SABARAGAMUWA UNIVERSITY OF SRI LANKA

UNIVERSITY LOGO



UNIVERSITY FLAG



In the 1990s, a concept of “University Affiliated Colleges” came into being. As this concept began to flourish, the Sabaragamuwa Affiliated University College (SAUC) was formed in affiliation with the University of Sri Jayewardenepura. The SAUC was built in Belihuloya in 1991 and its academic programmes commenced in May 1992. Prof. Dayananda Somasundara, the founding Director of the SAUC, was the pioneer in converting it into a national university named Sabaragamuwa University of Sri Lanka (SUSL). Guided by his dedication and the tremendous support by his staff and students, the SAUC blossomed into a hub of academic excellence in higher education. As one of the fastest growing universities in the country, SUSL seeks to sustain a culture of critical thinking that respects different viewpoints.

At present, the SUSL has eight faculties, namely, Graduate Studies, Agricultural Sciences, Applied Sciences, Geomatics, Management Studies, Social Sciences and Languages, Medicine and Technology. The SUSL has a semester-based system and conducts most of its programmes in the English medium. Despite the SUSL’s short history, it has embarked on international and national level research. The SUSL has signed several Memorandums of Understanding with other reputed international universities, such as Durham University-UK, Guilin University of Technology-China, Shivaji University-India, Gombe State University–Nigeria, and Gothenburg University, Sweden.

VISION

To be an internationally acclaimed centre of excellence in higher learning producing dynamic leaders and nation builders to guide the destiny of Sri Lanka.

MISSION

Our mission is to search for and disseminate knowledge, promote learning, research and training to produce men and women proficient in their respective disciplines possessing practical skills and positive attitudes enabling them to contribute towards the manpower requirements of the nation. The university will be a centre of excellence for research and development for Sri Lanka in general and the Sabaragamuwa Province in Sri Lanka.

UNIVERSITY SONG

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OFFICERS

Chancellor	Most Venerable Prof. Kamburugamuwe Vajira Thero
Vice Chancellor	Prof. R.M.U.S.K. Rathnayaka
Dean / Faculty of Graduate Studies	Prof. H.M.S. Priyanath
Dean / Faculty of Agricultural Sciences	Prof. P.M. Asha S. Karunaratne
Dean / Faculty of Applied Sciences	Prof. E.P.N. Udayakumara
Dean / Faculty of Geomatics	Mr. P.G.V. Abeyratne
Dean / Faculty of Management Studies	Prof Athula Gnanapala
Dean / Faculty of Medicine	Prof. M. Nirmali Wickramaratne
Dean / Faculty of Social Sciences and Languages	Dr. M.A.C.S.S. Fernando
Dean / Faculty of Technology	Prof. Kaveenga R. Koswattage
Registrar	Mr. S Uyangoda

Administrative staff

Librarian	Mrs. T. N. Neighsoorei
Bursar	Mr. K.A.R.S. Jayakody
Deputy Registrar (Academic Establishments)	Mr. Kamal Gunawardana
Senior Assistant Registrar (Academic and Student Affairs)	Mr. G. A. D. M. Thennakoon
Senior Assistant Registrar (Examinations)	Mr. W.M.K. Upuldeniya
Assistant Internal Auditor	Mrs. C. H. Pathirana
Works Engineer	Mr. W.M.L.M.K. Wijesundara
Curator	Mr. Ruwan Rajapaksha
Medical Officer	Dr. W.M.A.S. Wijerathne

FACULTY OF MEDICINE

INTRODUCTION

In accordance with the policy decision of the Government of Sri Lanka (GoSL) to expand state medical education by establishing three new Faculties of Medicine including one at the Sabaragamuwa University of Sri Lanka (SUSL), the University Grants Commission approved, in principle, the establishment of the Faculty of Medicine of the SUSL at its 967th meetings held on 06th July 2017. A Gazette notification was released in August 2018 to establish the Faculty of Medicine, (FoM) of SUSL, under the leadership of Professor S.M. Sunil Shantha, Vice-Chancellor of SUSL at the time. Professor Sanath Lamabadusuriya played a pivotal role as a Consultant to the Faculty, while the former Vice-Chancellor, Professor Rohana P. Mahaliyanarachchi coordinated the project. The responsibilities of the latter were then passed down to the first and the current Dean of the Faculty, Professor M. Nirmali Wickramaratne.

Having realized the availability of hospital facilities for initial bedside training of medical students at the Provincial General Hospital in Ratnapura, this hospital was upgraded to be the Teaching Hospital Ratnapura (THR) on the 17th January 2019. The Faculty was commenced after acquiring a building from the Auditor General's Department in Kuruvita. The first intake of 70 students was enrolled in January 2019. The intakes progressively increased in size to 75, 110 and 115 students respectively, in the subsequent years. The new Medical Faculty complex is currently being built, in stages, on 20 acres of land, located adjacent the THR, in Ratnapura New Town. The GoSL and the Saudi Fund for Development will jointly bear the cost of the project. The development projects of the Faculty are immensely supported by the present Vice-Chancellor Professor R.M.U.S.K. Rathnayake, medical and non-medical staff of THR and the Provincial Director of Health Services, Dr. Kapila Kannangara. The current Director of THR- Dr. Anoja Rodrigo, the former Director of THR -Dr. Sampath Ranaweera, academic, administrative and cooperate staff of the Faculty and the SUSL contributed tremendously, to ensure the establishment of the Faculty on time with best of human and physical resources.

Vision

The Vision of the Faculty of Medicine is to be a centre of excellence in health professional education, creative research, and leadership in transformative healthcare to meet current and future needs with social accountability.

Mission

The Mission of the Faculty of Medicine is to improve the health of the individual, family, community and society, by developing competent, committed, compassionate and caring professionals; through excellence in health professional education, creative research, provision of exemplary healthcare, community partnerships and social responsibility while contributing to the advancement of health sciences.

VALUES

<i>Creativity</i>	- Provides academic freedom and promotes innovativeness
<i>Integrity</i>	- Renders services with honesty and commitment
<i>Inclusivity</i>	- Respects diversity allowing differences to co-exist for mutual benefit
<i>Unity</i>	- Works together with one vision in achieving common goals
<i>Responsiveness</i>	- Demonstrates a sensitivity to environmental sustainability and needs of the wider society

QUALIFICATION OFFERED

MBBS (SUSL)

GRADUATE PROFILE

At the end of the training programme, the medical graduates will be a professional who is:

- clinically competent, empathetic, compassionate and ethical;
- able to work in a team, communicate well and provide effective and efficient health care;
- competent in the scientific basis of medicine and its application, critical thinking, research, audit and reflective practice;
- competent in global and population health, health systems, and information usage and management;
- able to respond and adapt to the challenges, and the diverse and changing needs of patients, their families and communities, and contribute to society;
- able to respond and adapt to changes and challenges of healthcare systems of the future;
- lifelong learners committed to continuous personal and professional development;
- leaders with appropriate values and a vision to change and promote changes to improve health in the community, and the provision of health care services.

ADMINISTRATIVE BODY

Dean/Faculty of Medicine	Prof. M. Nirmali Wickramaratne
Head/Department of Anatomy	Dr. Dileepa Banagala
Head/ Department of Biochemistry	Dr. N. D. Amal Wageesha
Head/Department of Physiology	Dr. Kaushalya Kulathunga
Acting Head/Department of Microbiology	Dr. Vindya Perera
Acting Head/Department of Parasitology	Mr. G.L.S. Galgamuwa
Acting Head/Department of Community Medicine	Dr B.M.C. Dassanayake
Acting Head/Department of Forensic Medicine and Toxicology	Dr Asela Mendis
Acting Head/Department of Pathology	Dr Chamani Gamakaranage
Head/Department of Pharmacology	Dr. R.M.M.K.N. Rathnayaka
Head/ Department of Medicine	Dr. G.U. Ramadasa
Acting Head/Department of Obstetrics and Gynaecology	Dr. Oshadhi Nallaperuma
Acting Head/Department of Paediatrics	Dr. M.G.U. Sampath
Head / Department of Psychiatry	Dr. Vajira Dharmawardene
Assistant Registrar	Ms. Y. Archchana

CONTACT INFORMATION

Dean's Office	045 – 226 1601
Assistant Registrar's Office	045 - 312 5488

ACADEMIC CALENDAR

Year	No. of weeks	Semester	Discipline				
Year 1	2		Orientation Programme			Intensive Course in English (ICE)	
	11	Semester 1	Anatomy	Biochemistry	Physiology		
	2		Sinhala and Tamil New Year Vacation (2 weeks)				
	5						
	2		Continuous Assessment (CA) 1	CA 1	CA 1		
	2	End Semester Break (2 weeks)					
	8	Semester 2	Anatomy	Biochemistry	Physiology	ICE	Personal and Professional Development (PPD)
	1		Mid Semester Break (1 week)				
	8						
	2		CA 2	CA 2	CA 2	Assessment of ICE	
	7	Semester 3	Anatomy	Biochemistry	Physiology	PPD	
	2		Christmas Vacation (2 weeks)				

Year 2	9	Semester 3	Anatomy	Biochemistry	Physiology	PPD			
	2		CA 3	CA 3	CA 3				
	2		Mid Semester Break + Sinhala and Tamil New Year Vacation (2 week)						
	2		2 nd MBBS Examination						
	13	End Semester Break	End Semester Break						
			2 nd MBBS Subsequent Examination (6 weeks after Results)						
			End Semester Break						
			8-12	1 pm onwards					
	8	Semester 4	Clinical Rotations -22 weeks	Microbiology (Micro)	Parasitology (Parasit)	Community Medicine (Com Med)	Pathology (Path)	Pharmacology (Pharm)	PPD
	1			Mid Semester Break (1 week)					
	8								
	2			CA 1	CA 1		CA 1	CA1	
	3+2			End Semester Break + Christmas Vacation (5 weeks)					

Year 3	12	Semester 5	Clinical Rotations -19 weeks	Micro	Parasit	Com Med	Forensic Medicine (For Med)	Path	Pharm	Family Medicine (Fam Med)	PPD		
	1		Mid Semester Break + Sinhala and Tamil New Year Vacation (1 week)										
	4												
	2			CA 2	CA 2		CA 1	CA 2	CA 2				
	1+1		1 week	End Semester Break (2 weeks)									
	1		3 rd MBBS Part 1 Examination – 1 week										
	8	Semester 6	Clinical Rotations -18 weeks	Com Med	For Med	Path	Pharm	Fam Med	Clinical Subjects (Medicine Obst &Gynae Paediatrics Psychiatry Surgery)	PPD			
	1		Mid Semester Break (1 week)										
	8												
	1			CA 2	CA 3	CA 3				CA 1			
	10	Semester 7	Clinical Rotations -11 weeks	Com Med	For Med	Path	Pharm	Fam Med	Clinical Subjects	PPD			
	1+1		1 week	Christmas Vacation (2 weeks)									

Year 4	6	Semester 7	Clinical Rotations -8 weeks								
	2				CA 3	CA 4	CA 4				
	2		End Semester Break (2 weeks)								
	2	3 rd MBBS Part 2 Examination-2weeks									
	4+1		Clinical Rotations -2 weeks	Research Project							
			Sinhala Tamil New Year Vacation (1 week)								
			Clinical Rotations -2 weeks								
	4		Elective Appointment (4 weeks)								
	8	Semester 8	Clinical Rotations - 12 weeks	Clinical Subjects				PPD			
	1		Mid Semester Break (1 week)								
	3+5										
		7 weeks									
	2			CA 2							
	12	End Semester Break + Christmas Vacation (12 weeks)									

Year 5	8	Semester 9	Professorial 1
	1		Subsequent Final MBBS Clinical Examination for Senior Batch
	4		Professorial 2
	1		Sinhala and Tamil New Year Vacation (1 week)
	4		Professorial 2
	8	Semester 10	Professorial 3
	1		1 week break
	8		Professorial 4
	1		1 week Break
	8		Professorial 5
	8		4 weeks break
			Final MBBS Examination (2 weeks)
			Christmas Vacation (2 weeks)

Year 2 :

After the second MBBS examination, there will be a semester break of 13 weeks. Two weeks after the end of the second MBBS examination the results will be released. Six weeks thereafter, the subsequent examination will be conducted. The 4th semester will commence soon after the results of this subsequent second MBBS examination are released.

Clinical rotations will commence from the 4th semester and their durations are depicted in red font

The Academic Calendar of the Faculty of Medicine, Sabaragamuwa University of Sri Lanka is only a guide to the current format of the MBBS Degree Programme. The sequence and the durations of the clinical rotations and the Professorial Appointments are subject to continuous review and evaluation, and may change in the future, depending on various factors. The students will be given adequate notice of any such changes, prior to their implementation.

Clinical Appointments

	Duration in weeks
Introductory Clinical appointment	4
Clinical Pathology	2
Community Attachment program	4
Primary Care and Family Medicine	2
Forensic Medicine	2
Elective Appointment	4
1 st Medicine	6
Cardiology	2
Dermatology	2
Emergency Medicine	1
Gastroenterology	1
Geriatrics	1
Nephrology	1
Neurology	2
Oncology	1
Palliative Medicine	1
Endocrine	1
Pulmonology	2
Radiology	2
Rheumatology	1
Venereology	1
2 nd Medicine	6
1 st Obstetrics and Gynaecology	4
2 nd Obstetrics and Gynaecology	4
1 st Paediatrics	4
2 nd Paediatrics	4
Psychiatry	4
1 st Surgery	6
Anaesthesiology and Critical Care	2
Otorhinolaryngology (ENT) Surgery	2
Neurosurgery	1
Ophthalmology	2
Oral and Maxillofacial surgery	1
Orthopaedic Surgery and Trauma	4
Paediatric Surgery	1
Urology	1
Vascular Surgery	1
2 nd Surgery	6
Professorial Medicine	8
Professorial Obstetrics and Gynaecology	8
Professorial Paediatrics	8
Professorial Psychiatry	8
Professorial Surgery	8
Total	136

SEMESTER TIME TABLE

Semesters 1, 2 & 3	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	8:00 am - 10:00 am	Biochemistry	Anatomy	Anatomy Dissections	Biochemistry	English/PPD/SDL
	10:15 am - 12:15 pm	Physiology	Physiology	Anatomy Dissections	Anatomy	English/PPD/SDL
	1:00 pm - 3:00 pm	Practical Histology/Physiology/Biochemistry	Practical Histology/Physiology/Biochemistry	Anatomy Dissections	Anatomy	English/PPD/SDL
	3:15 pm - 4:45 pm	Practical Histology/Physiology/Biochemistry	Self-Directed Learning (SDL)	Tutorial Physiology Biochemistry	English/Personal and Professional Development (PPD)/SDL	English/PPD/SDL

Semester 4	Time	Monday	Tuesday	Wednesday	Thursday	Friday
	8.00 am - 12.00 noon	Clinical Rotations				
	1.00 pm - 2.00 pm	Com Med	Com Med	Micro	Micro	Micro
	2.00 pm - 3.00 pm	Com Med	Pharm	Path	Micro	Parasit
	3.00 pm - 4.00 pm	Parasit	Pharm	Path	Pharm	Parasit

Semester 5	Time	Monday	Tuesday	Wednesday	Thursday	Friday
	8.00 am - 12.00 noon	Clinical Rotations				
	1.00 pm - 2.00 pm	Medicine	Pharm	Surgery	Obst & Gynae	Psychiatry
	2.00 pm - 3.00 pm	For Med	Paediatrics	Path	Pharm	Micro
	3.00 pm - 4.00 pm	For Med	Com Med	Path	Parasit	Micro
4.00 pm - 5.00 pm	Micro	Com Med	Parasit	Parasit	PPD	

Semester 6	Time	Monday	Tuesday	Wednesday	Thursday	Friday
	8.00 am - 12.00 noon	Clinical Rotations				
	1.00 pm - 2.00 pm	Medicine	For Med	Surgery	Obst & Gynae	Psychiatry
	2.00 pm – 3.00 pm	Pathology	Paediatrics	Com Med	Medicine	Com Med
	3.00 pm - 4.00 pm	For Med	Pharm	Com Med	Pathology	Family Med
	4.00 pm – 5.00 pm	For Med	Pharm	SDL	Pathology	PPD

Semester 7	Time	Monday	Tuesday	Wednesday	Thursday	Friday
	8.00 am - 12.00 noon	Clinical Rotations				
	1.00 - 2.00 pm	Path	Paediatrics	Psychiatry	Surgery	Medicine
	2.00 – 3.00 pm	Path	For Med	Medicine	Obst & Gynae	Com Med
	3.00 - 4.00 pm	Pharm	For Med	Fam Med	Obst & Gynae	Com Med
	4.00 – 5.00 pm	Pharm	PPD	Com Med	SDL	SDL

Semester 8	Time	Monday	Tuesday	Wednesday	Thursday	Friday
	8.00 am - 12.00 noon	Clinical Rotations				
	1.00 - 2.00 pm	Surgery	Paediatrics	Psychiatry	Surgery	Medicine
	2.00 – 3.00 pm	Paediatrics	PPD	Medicine	Obst & Gynae	Medicine
	3.00 - 4.00 pm	Psychiatry	SDL	Obst & Gynae	Obst & Gynae	SDL

Semesters 9 & 10	8.00 am- 12 noon	Professorial Appointments				
	1.00pm- 4.00pm	Professorial Appointments & Ward Classes				

DEPARTMENT OF ANATOMY

Academic Staff

Consultant

Dr. Joachim Perera *MBBS (Cey); MS Surgery (Col); PG Cert ME (Dundee)*

Senior Lecturers

Dr. Dileepa Banagala *MBBS, MD Ortho (Col)* – Head of Department

Probationary Lecturers

Mrs. Chamalika Weerakoon *BSc Hum Bio (USJP); MSc Nutr (Pera)* - On Study Leave

Dr. Yasas Kolambage *MBBS (Col)* - On Study leave

Learning Outcomes of the Course in Anatomy

At the completion of this course, the students should be able to:

1. describe the anatomy of the components of organ systems of the body based on the anatomical region;
2. discuss the microscopic structure of organ systems in relation to their functions;
3. describe the normal intrauterine human development and basis of common congenital defects;
4. apply the anatomical knowledge in physical examination and Interpretation of medical imaging;
5. describe the basic concepts of human genetics and apply that knowledge in identifying genetic disorders.

Course Structure

Year 1 Semester 1 to Year 2 Semester 3

Lectures	- 125 hours
Practical Demonstrations	- 30 hours
Practical	- 35 hours
Cadaveric Dissections	- 116 hours
Small Group Tutorials and other small group activities	- 41 hours

Course Content

Gross Anatomy
Histology
Embryology
Human Genetics
Neuroanatomy
Radiological Anatomy
Clinical Anatomy.

Teaching and Learning Methods

Lectures
Tutorials
Demonstrations
Small Group activities
 Cadaveric dissections
 Poster Presentation
 Creation of Short Films
 Drawing and painting
 Museum classes
 Case based discussions
 Peer group discussion
Practical Sessions
e-learning lessons

Assessment Strategy

Formative Assessments

MCQs (MTF Type, SBAs, EMQs), SEQs, OSPEs.
Minimum of three assessments with immediate feedback, per semester.

Continuous (In course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 1	20 MCQs (15 MTF Type + 5 SBAs)	1 hour	3 marks
	OSPE – 20 stations	2 min each	2 marks
End of Semester 1	20 MCQs (15 MTF Type + 5 SBAs)	1 hour	6 marks
	OSPE – 20 stations	2 min each	4 marks
End of Semester 3	20 MCQs (15 MTF Type + 5 SBAs)	1 hour	3 marks
	OSPE – 20 stations	2 min each	2 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (2nd MBBS Examination)

- Minimum of 80% attendance for tutorials, practical and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (Second MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ: 10 MTF Type + 10 SBAs+ 5 EMQs with 4 scenarios each	2 hours	25 marks
Written Paper II	6 SEQ	2 hours	25 marks
OSPE	20 stations	2 min each	20 marks
OSVE		10 min	10 marks
Contribution from Continuous (In course) Assessments			20 marks
Total			100 marks

**SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, EMQ = Extended Matching Questions, OSPE=Objective Structured Practical Examination OSVE =Objective Structured Viva Examination*

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (2nd MBBS). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

Gross and Clinical Anatomy

- Gray's Anatomy for Students: with Student Consult Access 3rd Edition (2014), Richard Drake, A. Wayne Vogl, Adam W. M. Mitchell. Churchill Livingstone.
- BD Chaurasia's Handbook of General Anatomy 4th Edition (2015). CBS publisher and distribution.
- Clinical Anatomy: Applied Anatomy for Students and Junior Doctors 13th Edition (2013), Harold Ellis, Vishy Mahadevan. Wiley-Blackwell.
- Clinical Neuroanatomy (Clinical Neuroanatomy for Medical Students) 7th Edition (2010), Richard S Snell. Lippincott Williams & Wilkins.
- Clinically Oriented Anatomy 7th Edition (2013), Keith L. Moore, Arthur F. Dalley, A. M. R. Agur. Lippincott Williams & Wilkins.
- Grant's Atlas of Anatomy 13th Edition (2013), Anne M. R. Agur, Arthur F. Dalley. Wolters Kluwer Health/Lippincott Williams & Wilkins.

Embryology

- Langman's Medical Embryology 13th Edition (2014), Thomas W. Sadler. Lippincott Williams & Wilkins.

Histology

- Wheater's Functional Histology: A Text and Colour Atlas 6th Edition (2013), Barbara Young, Phillip Woodford, Geraldine O'Dowd. Churchill Livingstone.

Human Genetics

- Basic Medical Genetics 5th Edition (2018), Prof. Rohan W. Jayasekara. University of Colombo.

Supplementary Reading (Optional)

- Lasts Human Anatomy: Regional and Applied 12th Edition (2011), Chummy S Sinnatamby. Churchill Livingstone.
- McMinns Clinical Atlas of Human Anatomy 7th Edition (2013), Peter H Abrahams. Mosby.
- An introduction to Medical Genetics 3rd Edition (1963), Roberts J. A. F. Oxford University Press.
- Cunningham's Manual of Practical Anatomy: Volume I: Upper and Lower Limbs 16th Edition (2017), Rachel Koshi. Oxford University Press.
- Cunningham's Manual of Practical Anatomy. Volume 2: Thorax and abdomen 16th Edition (2017), Rachel Koshi. Oxford University Press.
- Cunningham's Manual of Practical Anatomy. Volume 3: Head, neck and brain 16th Edition (2017), Rachel Koshi. Oxford University Press.

DEPARTMENT OF BIOCHEMISTRY

Academic Staff

Professor

Prof. M. Nirmali Wickramaratne *Grad I Chem C,
PhD Biochem (Loyola, USA),* - Dean, Faculty of
Medicine

Senior Lecturers

Dr. N D Amal Wageesha *Grad I Chem C,
C Chem. PhD Biochem (Col),
M.Phil Biochem (USJ),* - Head of Department

Dr. Irosha. H.V. Nicholas *BSc. Chem Sp (USJP)
PhD Biochem (Pera),*

Dr. M W Sumeth Perera *BSc (Bombay), MPhil (Pera),
MRes (Imp Coll Lond),
DIC (Imp Coll Lond),
DPhil (Oxford)*

Probationary Lecturers

Ms. K Nadeesha Nilmini *B.Sc. Sp Food Sc Nutri (WUSL)*

Learning Outcomes of the Course in Biochemistry

At the completion of this course, the students should be able to:

1. demonstrate knowledge and understanding of the molecular machinery of living cells;
2. demonstrate knowledge and understanding of the principles that determine the structures of macromolecules and their participation in molecular recognition;
3. describe the principles underlying enzymes and hormones and how they regulate biochemical pathways;
4. explain how the genetic information is stored and transferred from generation to generation;
5. explain the metabolic pathways involved in regulation, energy production and utilization, and how alteration of one pathway affects the other;
6. recognize how the abnormalities in biochemical processes lead to disease/s and the use of biochemical indicators in disease diagnosis and importance of molecular biology in medicine;
7. describe the requirement of micro and macronutrients by humans and how improper intake leads to various clinical conditions.

Course Structure

Year 1 Semester 1 to Year 2 Semester 3

- Lectures - 140 hours
- Practical Sessions / Small Group Discussions (SGDs) /Tutorials/ Students' Presentations - 180 hours

Course Content

- Basic Biochemistry
- Metabolic pathways and integrations to metabolism
- Clinical Biochemistry
- Biochemistry of Nutrition
- Molecular basis of diseases and treatments

Teaching and Learning Methods

- Lectures
- SGDs
- Tutorials
- Practical sessions
- Guided learning sessions
- Student's presentations

Assessment Strategy

Formative assessments

MCQs (MTF Type, SBAs, EMQs), SEQs, OSPEs.

Minimum of three assessments with immediate feedback, per semester.

Continuous (In course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 1	15 MTF type MCQ	45 min	3 marks
	2 SEQ	40 min	2 marks
End of Semester 1	15 MTF type MCQ	45 min	4.5 marks
	2 SEQ	40 min	4 marks
End of Semester 3	15 MTF type MCQ	45 min	4.5 marks
	2 SEQ	1 hour	3 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (2nd MBBS Examination)

- Minimum of 80% attendance for tutorials, practical and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (Second MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ: 20 MTF Type + 5 EMQs with 4 scenarios each	2 hours	25 marks
Written Paper II	5 SEQ	2 hours	25 marks
OSPE	20 stations	3 min each	20 marks
OSVE		10 min	10 marks
Contribution from Continuous (In course) Assessments			20 marks
Total			100 marks

**SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, EMQ = Extended Matching Questions, OSPE =Objective Structured Practical Examination OSVE =Objective Structured Viva Examination*

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (2nd MBBS). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Lippincott's Illustrated Reviews – Biochemistry, 10th Ed, 2021. Emine E. Abali, Susan D. Cline, David S. Franklin, Susan M. Viselli Ph.D. Wolters Kluwer group.
- Harper's Illustrated Biochemistry, 31st Ed, 2018. Murray R, Rodwell V, Bender D, Botham KM, Weil AP, Kennelly PJ McGraw-Hill Education/ Medical.
- Textbook of Biochemistry with Clinical Correlations, 7th Ed, 2010, Devlin TM, John Wiley & Sons, New York.
- Lehninger principles of biochemistry 8th Ed, 2021. Nelson, D Cox, M and Hoskins A. Macmillan Learning.
- Molecular Biology of the Cell 6th Ed, 2014. Bruce A, Alexander J, Julian L, Martin R, Keith R and Peter Walter. W. W. Norton & Company
- Nutritional Biochemistry 2nd Ed, 2012. Tom Brody. Elsevier Publications.

DEPARTMENT OF PHYSIOLOGY

Academic Staff

Senior Lecturer

Dr. Kaushalya Kulathunga *BVSc (Pera); PhD (Tsukuba, Japan)* – Head of Department

Probationary Lecturers

Ms. Pradeepa Basnayake *BSc (Special) Hum Bio (USJP)*

Dr. Janya Jayawardena *MBBS (USJP)* –On Study Leave

Learning Outcomes of the Course in Physiology

At the completion of this course, the students should be able to:

1. acquire knowledge related to the normal function of the human body;
2. describe the pathophysiological basis of disordered functions of the human body;
3. acquire selected practical skills at a preclinical level, relevant to human physiology
4. critically analyze the physiological concepts in health and their derangements in disease;
5. demonstrate basic communication skills needed for medical practice
6. demonstrate selected basic clinical skills in assessing patients

Course Structure

Year 1 Semester 1 to Year 2 Semester 3

- Lectures -140 hours
- Practical Sessions / Small Group Discussions (SGDs) /Tutorials/
Students' Presentations - 170 hours
- Hospital Visits - 12 hours

Course Content

- Foundation – cell, body fluids and biomolecules, excitable tissues
- Blood and immunology
- Cardiovascular physiology
- Respiratory physiology
- Gastrointestinal physiology
- Renal physiology
- Endocrine physiology
- Reproductive physiology
- Neurophysiology

Teaching and Learning Methods

- Lectures, face to face and online
- Tutorials
- SGD
- Practical Sessions
- Hospital/ Field Visits

Assessment Strategy

Formative Assessments

- Minimum of three per semester.
Consists of MTF Type MCQ / SBA / SEQ/ OSPE.

Continuous (In course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 1	20 MCQ (15 MTF Type + 5 SBAs)	1 hour	3 marks
	2 SEQ	40 min	2 marks
End of Semester 1	20 MCQ (15 MTF Type + 5 SBAs)	1 hour	4.5 marks
	2 SEQ	40 min	3 marks
End of Semester 3	20 MCQ (15 MTF Type + 5 SBAs)	1 hour	4.5 marks
	2 SEQ	40 min	3 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (2nd MBBS Examination)

- Minimum of 80% attendance at SGDs, Practical Sessions, Tutorials and field/hospital visits even with valid medical certificates or approved leave or any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (2nd MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ : 10 MTF Type + 10 SBAs+ 5 EMQs with 4 scenarios each	2 hours	25 marks
Written Paper II	5 SEQ	2 hours	25 marks
OSPE	20 stations	2 min each	20 marks
OSVE		10 min	10 marks
Contribution from Continuous (In course) Assessments			20 marks
Total			100 marks

**SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, EMQ = Extended matching questions, OSPE =Objective Structured Practical Examination OSVE =Objective Structured Viva Examination*

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (2nd MBBS). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Textbook of Medical Physiology. Hall JE, 14th edition, 2020, Elsevier Science Health Science division. Philadelphia.
- Ganong's Review of Medical Physiology. Barrett KE, Barman SM, Boitano S, Heddwen BL 25th edition, 2016, McGraw-Hill. New York.
- Hutchison's Clinical Methods. Glynn M, Drake W (Eds), 24th edition, 2018, Saunders Ltd, Philadelphia.

DEPARTMENT OF MICROBIOLOGY

Academic Staff

Consultant

Dr. Nelun de Silva *MBBS (Patna); Dip Micro, MD Micro (Col)*

Probationary Lecturers

Dr. Vindya Perera *BVSc Hons. (Pera)* - Acting Head of the Department

Dr. Manushi Sucharitharathne *MBBS (Ruhuna)* - On Study Leave

Learning Outcomes of the Course in Medical Microbiology

At the completion of this course, the students should be able to:

1. identify bacteria, viruses and fungi which frequently cause disease in humans;
2. describe the clinical features and the pathogenesis of infectious diseases;
3. explain measures to prevent and control such infections including infection control practices and vaccines;
4. select relevant microbiological tests, advise on collection and transport of specimens to diagnose infectious diseases and interpret laboratory reports;
5. select antimicrobial agents effective for treatment and prophylaxis of infections;
6. justify the appropriate use of antibiotics in the healthcare setting;
7. describe the immunological mechanisms that come into play when a human host is exposed to antigens;
8. select appropriate immunological tests for diagnosis of immune mediated disorders and interpret their results

Course Structure

Year 2 Semester 4

- Lectures -32 hours
- Practical/Tutorials / Small Group Discussions (SGD) -25 hours

Year 3 Semester 5

- Lectures -28 hours
- Flipped classroom (FC) / SGD -20 hours

Course Content

- General microbiology
- Immunology

- Systematic bacteriology
- Systematic virology
- Mycology
- Antibiotics
- Clinical microbiology

Teaching And Learning Methods

- Lectures/ Multi-disciplinary lectures / FC
- SGD
- Practicals / Tutorials

Assessment Strategy

Formative Assessments- Year 3 Semester 5

- MTF type MCQ/ EMQ/ SBA/ OSPE

Continuous (In Course) Assessment

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF Type + 5 SBAs)	1 hour	10 marks
End of Semester 5	OSPE 10 stations	3 min each	10 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (3rd MBBS Part 1 Examination)

- Minimum of 80% attendance for tutorials, practical and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (3rd MBBS Part 1 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ: 15 MTF Type + 3 SBA + 3 EMQs with 4 scenarios each	1.5 hours	25 marks
Written Paper II	6 SEQ	1.5 hours	25 marks
OSPE	20 stations	3 min each	30 marks
Contribution from Continuous (In course) Assessments			20 marks
Total			100 marks

* MCQ= Multiple Choice Questions, MTF = Multiple True False, SBA = Single Best Answer, EMQ= Extended Matching Questions, SEQ= Structured Essay Question

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 1 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Medical microbiology, 18th Edition 2012. D. Greenwood, R. Slack, J. Peutherer. Churchill Livingstone, London.
- Medical Microbiology, 6th Edition 2018. Mims C. A., Playfair J. H. L., Roitt I., Wakelin D., Williams R., Anderson R. M. Mosby. Elsevier.
- Basic Immunology Functions and Disorders of the Immune System, 5th Edition 2015 Abul K. Abbas, Andrew H. H. Lichtman, Shiv Pillai. Elsevier.

DEPARTMENT OF PARASITOLOGY

Academic Staff

Lecturer (Unconfirmed)

Mr. G.L.S. Galgamuwa *BSc Hons, MPhil (Pera)* - Acting Head of the Department

Probationary Lecturer

A.M.S. Udayanga Andadola *MBBS (Col)*

Learning Outcomes of the Course in Parasitology

At the completion of this course, the students should be able to:

1. describe the diagnosis and treatment of medically important parasitic diseases in Sri Lanka;
2. describe other medically important parasitic diseases in the world;
3. describe and explain the appropriate measures for the prevention and control of parasitic diseases;
4. describe arthropod vectors that are capable of transmitting parasitic diseases and parasitic zoonoses;
5. identify venomous and non-venomous snakes and describe the management of snakebites in Sri Lanka.

Course Structure

Year 2 Semester 4 to Year 3 Semester 5

- Lectures -60 hours
- Practical -30 hours
- Tutorials -20 hours

Course Content

- Intestinal nematode infections
- Tissue nematode infections
- Intestinal /urogenital protozoa infections
- Tissue protozoa infections
- Trematode infections
- Cestode infections
- Medical entomology
- Snake bites

Teaching and Learning Methods

- Lectures
- Small Group Discussions
- Practical
- Tutorials

Assessment Strategy

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF Type + 5 SBAs)	1 hour	10 marks
End of Semester 5	OSPE 10 stations	3 mins. each	10 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (3rd MBBS Part 1 Examination)

- Minimum of 80% attendance for tutorials, practical and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (3rd MBBS Part 1 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	30 MCQ : 15 MTF type + 3 SBAs+3 EMQs with 4 scenarios each	1.5 hours	25 marks
Written Paper II	6 SEQ	1.5 hours	25 marks
OSPE	20 stations	3 min each	30 marks
Contribution from Continuous (In course) Assessments			20 marks
Total			100 marks

* MCQ= Multiple Choice Questions, MTF = Multiple True False, SBA = Single Best Answer, SEQ = Structured Essay questions, OSPE =Objective Structured Practical Examination, OSVE = Objective Structured Viva Examination

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 1 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Manson's Tropical Diseases. Cook GC, Alimuddin IZ. 23rd Edition 2013, Saunders Elsevier, Philadelphia.
- Medical Parasitology. Arora DR, Arora BB, 5th Edition 2018, CBS Publishers & Distributors.
- Basic Clinical Parasitology. Neva FA, Brown HW. 6th Edition 1996, Appleton & Lange, New York.
- Atlas of medical helminthology and protozoology. Peter L. Chiodini, Anthony H. Moody, David W. Manser. 7th Edition 2012, Churchill Livingstone.

Supplementary Reading (Optional)

WHO publications

- a) Technical Report Series of
 1. Lymphatic Filariasis
 2. Parasitic zoonoses
 3. Intestinal Protozoans & Helminthic infections
 4. Management of acute malaria
- b) Control of lymphatic filariasis
- c) Hookworm infection and anaemia
- d) Drugs used in Parasitic Diseases,
- e) Basic Laboratory Methods in Medical Parasitology

Recommended websites

- Website of the Centre for Disease Control and Prevention www.cdc.gov
- TDR- WHO - www.who.int/tdr/en/Liverpool School of Tropical Medicine - www.lstmed.ac.uk/
- Task Force for Global Health, USA - www.taskforce.org/
- Institute of Tropical Medicine Nagasaki University - www.tm.nagasaki-u.ac.jp/nekken/english/
- Anti-filariasis campaign -www.filariasiscampaign.health.gov.lk/ Anti-malaria campaign - www.malariacampaign.gov.lk/
- Weekly Epidemiological Reports - www.epid.gov.lk/

DEPARTMENT OF COMMUNITY MEDICINE

Academic Staff

Consultant

Prof. Kumudu Wijewardene *MBBS, MD Com Med (Col)*

Lecturer (Unconfirmed)

Dr. B.M.C. Dassanayake *MBBS (Ruh); MSc Com Med (Col);* - Acting Head of Department
MPHM (Mahidol)

Dr B.S. Madhubhashini *MBBS (Ruh); MSc Com Med (Col)*

Learning Outcomes of the Course in Community Medicine

At the completion of this course, the students should be able to:

1. practice promotive and preventive medicine in respect to the commonly encountered health problems in the community;
2. explain the organization of the health care delivery system and the delivery of health care in Sri Lanka and factors related to equity, equality, and quality in health care provision;
3. promote and protect health of the following: newborns, infants, preschool children, schoolchildren, adolescents, youth, pregnant mothers, elderly, and differently able;
4. apply the basic epidemiological principles, to communicable and non-communicable disease causation, investigation of disease outbreaks, health promotion, screening, and disease prevention;
5. describe the demographic, socio-economical, cultural, occupational and environmental determinants affecting health and appropriate interventions to reduce risks for individual, patient and the community;
6. identify the health needs of populations, population sub groups and in disaster situations, with the required skills to plan, implement, monitor and evaluate health programs;
7. explain factors and movements related to globalization influence on illness, injury, and death;
8. describe the roles of people and agencies who undertake work in promotion and preventing disease and importance of liaising different sectors of the health and social care systems in providing promotion and preventing disease;
9. explain how the structure of societies impacts the health of a population in global perspective and differing approaches used by international agencies to solve public health problems;

10. explain the objectives, method of implementation, monitoring and evaluation of the following National Health Programs.
 - Maternal and Child Health (MCH)
 - Programs related to Communicable Diseases.
 - Programs related to non-Communicable diseases
11. conduct a basic research study (using quantitative and qualitative data collection methods, analyzing using biostatistics) and write a report and a scientific communiqué;
12. explain health outcome measurements, national health policy, measures taken by state to improve health of the people and tools of health economics.

Course Structure

Year 2 Semester 4 to Year 3 Semester 7

- Lectures -100 hours

Year 2 semester 6 to Year 2 semester 7

- Clerkship/ Field work -100 hours

Year 3 Semester 7

- Tutorials -50 hours

Year 3 Semester 7 to Year 3 Semester 8

- Research Project -50 hours

Course Content

- Introduction to Community Medicine
- Basic epidemiology
- Nutrition
- Demography
- Maternal and child health
- Clerkship
- Environmental health
- Occupational health
- Health promotion
- Health Planning and Management
- Statistics
- Research Methodology
- Research project
- Revision Tutorials

Teaching and Learning Methods

- Lectures, face to face and online
- Tutorials
- Small Group Discussions (SGD)
- Clerkship
- Research Project

Assessment Strategy

In course (Continuous) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Clerkship	OSPE 10 stations	3 min each	10 marks
	5 SEQ	2.5 hours	10 marks
End of Semester 7	Oral Examination on Research Project	30 min	20 marks
Total			40 marks

Eligibility to appear for the End of Course Assessments (3rd MBBS Part 2 Examination)

- Minimum of 80% attendance for tutorials, practical, SGDs and Clerkship appointment even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	60MCQ (50 MTF type+10 SBA)	3 hours	30 marks
Written Paper II	5 SEQ	3 hours	30 marks
Contribution from Continuous (In course) Assessments			40 marks
Total			100 marks

The Continuous Assessment marks out of 40, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 60 will be converted to a mark out of 100

New Assessment Format to be Implemented from Batch 02 in 2022

In course (Continuous) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Clerkship	OSPE 15 stations	3 min each	10 marks
	5 SEQ	1.5 hours	10 marks
End of Semester 7	Oral Examination on Research Project	30 min	20 marks
Total			40 marks

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	60MCQ (50 MTF type+10 SBA)	3 hours	30 marks
Written Paper II	5 SEQ	3 hours	30 marks
Contribution from Continuous (In course) Assessments			40 marks
Total			100 marks

*SEQ= Structured Essay Question, MCQ= Multiple Choice Questions, MTF= Multiple True False, SBA = Single Best Answer, OSPE =Objective Structured Practical Examination

The Continuous Assessment marks out of 40, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 60 will be converted to a mark out of 100

Recommended Books

- Essentials of Public Health in Sri Lanka, 1st Edition 2019 University of Sri Jayewardenepura.
- Essentials of Epidemiology in Public Health, 3rd Edition 2013 - Ann Aschengrau. Jones and Bartlett learning.
- Oxford Textbook of Global Public Health, 6th Edition 2015, Volume 3, Roger Detels. Oxford University Press.
- Oxford Handbook of Medical Statistics 2nd Edition 2020, Janet Peacock and Philip Peacock. Oxford University Press.
- Parks Textbook of Preventive and Social Medicine, 23rd Edition 2015, K.Park. Banarsidas Bhanot, India.
- Textbook of Community Medicine, 5th Edition 2017, Drs. Sunder Lal, Adarsh and Pankaj. CBS Publishers and Distributors Pvt. Ltd.
- Principles and Practice of Biostatistics 7th Edition 2017, J V Dixit. Bhanot.

- Research Methods in Community Medicine: Surveys, Epidemiological Research, Programme Evaluation, Clinical Trials, 6th Edition 2008, Joseph Abramson, Z. H. Abramson. Wiley.
- Health, Behaviour and Society: Clinical Medicine in Context 1st Edition, 2011 Jennifer Cleland, Philip Cotton. Sage Publications.
- Research Skills for Medical Students, 1st Edition, 2012; Ann K. Allen. Sage Publications
- Maxcy-Rosenau-Last Textbook of Public Health & Preventive Medicine, 16th Edition 2021. McGraw Hill.
- The Oxford Textbook of Global Health of Women, Newborns, Children, and Adolescents; 1st Edition 2018, Delan Devakumar, Jennifer Hall, Zeshan Qureshi, and Joy Lawn (Eds). Oxford University Press.
- Occupational and Environmental Health -7th Edition 2018; Barry S. Levy, David H. Wegman Sherry L. Baron, Rosemary K. Sokas, Eds Oxford University Press.

DEPARTMENT OF FORENSIC MEDICINE AND TOXICOLOGY

Academic Staff

Senior Lecturer

Dr Asela Mendis *MBBS, DLM, MD For Med (Col); D-ABMDI (USA); ATHE (UK); SEDA UK*
- on Sabbatical leave from University of Colombo

Visiting Professor

Prof Clifford Perera *MBBS, DLM, MD For Med (Col); MA (Kelaniya); LLB (OUS)L; DMJ Path (Lond); MFFLM (UK); Attorney at Law. Chair Professor of Forensic Medicine, University of Ruhuna*

Learning Outcomes of the Course in Forensic Medicine and Toxicology

At the completion of this course, the students should be able to:

1. describe and perform basic medicolegal duties pertaining to health services in Sri Lanka;
2. perform clinical medicolegal examinations in cases of violence in a scientific, evidence-based victim friendly manner;
3. perform forensic autopsies in sudden and unnatural deaths in a scientifically reviewable manner;
4. Interpret the clinico-pathological findings related to autopsies/clinical forensic cases and laboratory / histopathology reports to formulate relevant medicolegal opinions;
5. demonstrate effective communication skills including report writing, presentation skills and providing oral testimony in courts;
6. engage in continuing professional development with self-learning ability.

Course Structure

Year 3 Semester 5 to Year 4 Semester 7

- Lectures -87 hours
- Tutorials// Small Group Discussions (SGD) /Problem Based Learning /Seminars/Debates -23 hours

Year 3 Semester 6 to Year 4 Semester 7

- Clinical Appointment -2 weeks

Course Content

- Introductory Forensics
- Medicolegal interpretation of injuries
- Clinical Forensic Medicine
- Gender Based and Domestic Violence
- Forensic Pathology
- Forensic Toxicology
- Forensic Science
- Other Forensic Specialties
- Medical Law and Ethics
- Legal system in Sri Lanka and relevant laws

Teaching and Learning Methods

- Lectures, face to face and online
- Practical Demonstrations
- Tutorials/ SGDs
- Role plays
- Case Based Discussions
- Fixed Learning Modules

Assessment Strategy

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour	5 marks
End of Semester 6	OSPE 10 stations	6 min each	5 marks
End of Semester 7	Clinical forensic medicine evaluation Completion of medico legal reports of clinical cases, MLEF and MLR		10 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments

- Satisfactory completion of clinical appointments (2 weeks)
- Satisfactory completion of Continuous Assessments

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ: 30 MTF Type + 6 SBA + 1 EMQ with 4 scenarios	2 hours	20 marks
Written Paper II	5 SEQ	2.5 hours	30 marks
OSPE	10 stations	6 min each	25 marks
OSVE		10 mins	5 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, EMQ= Extended Matching Questions, OSPE = Objective Structured Practical Examination, OSVE = Objective Structured Viva Examination MLEF = Medicolegal Examination form, MLR = Medicolegal Report Form

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

New Assessment Format to be Implemented from Batch 02 in 2022

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour	5 marks
End of Semester 6	OSPE 10 stations	6 min each	5 marks
End of Semester 7	Clinical forensic medicine evaluation Completion of medico legal reports of clinical cases, MLEF and MLR		10 marks
Total			20 marks

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ: 15 MTF Type + 3 SBA + 3 EMQs with 4 scenarios each	1.5 hours	20 marks
Written Paper II	5 SEQ	2.5 hours	30 marks
OSPE	10 stations	6 min each	25 marks
OSVE		10 min	5 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books:

1. Simpson's Forensic Medicine 14th Edition 2019, Jason Payne-James, Richard Martin Jones, (Eds.). CRC Press
2. Clinical Forensic Medicine 3rd Edition 2009, WDS McLay (Ed). Cambridge University Press
3. Handbook of Forensic Pathology 2nd Edition 2006, Di Maio V.J.M., Dana S.E., CRC Press, Taylor and Francis Group.
4. Lecture Notes in Forensic Medicine. Volume I, II, III, IV (2005). L.B.L. de Alwis.

Supplementary Reading (Optional):

1. Knight's Forensic Pathology. 4th Edition 2015, Pekka Saukko, Bernard Knight, CRC Press.
2. Clinical Forensic Medicine: A Physician's Guide, 3rd Edition 2011, Margaret M Stark (Ed.). Humana Press.
3. Forensic Pathology: Principles and Practice. 1st Edition 2006, David Dolinak, Evan Matshes, Emma O Lew. Elsevier Academic Press
4. Forensic Pathology 2nd Edition 2001, Di Maio V.J.M., Di Maio D.J. CRC Press.
5. The Pathology of Trauma 3rd Edition 2000, J.K. Mason, B.N. Purdue (Eds.), Hodder Arnold Education Publishers
6. Management of Poisoning. 1st Edition 1998, Ravindra Fernando, National Poisons Information Centre Sri Lanka

DEPARTMENT OF PATHOLOGY

Academic staff

Lecturer (Unconfirmed)

Dr GAC Gamakaranage *MBBS (USJ); Pg Dip Path, MD Haemat (Col)* - Acting head of Department

Visiting Professors

Prof. LKB Mudduwa *MBBS, Pg Dip Path, MD Histopath (Col)*
Senior Professor, Department of Pathology, Faculty of Medicine, University of Ruhuna.

Prof. RN Waduge *MBBS (Kelaniya); Pg Dip Path, MD Histopath (Col)*
Associate Professor, Department of Pathology, Faculty of Medicine, University of Peradeniya.

Visiting Senior Lecturers

Dr. ID Siriwardhana *MBBS, Pg Dip Path, MD Chem Path (Col)*
Senior Lecturer, Department of Biochemistry and Clinical Chemistry, Faculty of Medicine, University of Moratuwa

Dr. KAC Wickramaratne *MBBS (Ruhuna); Pg Dip Path, MD Haemat (Col)*
Senior Lecturer, Department of Pathology, Faculty of Medicine, University of Ruhuna

Dr. Thusitha Somarathna *MBBS (Kelaniya); Pg Dip Path, MD Histopath (Col)*
Senior Lecturer, Department of Pathology, Wayamba University of Sri Lanka.

Learning Outcomes of the Course in Pathology

At the completion of this course, the students should be able to:

1. describe the basic pathological processes/concepts in terms of pathogenesis and morphological changes in tissues;
2. explain the association of morphological changes with basic clinical features;
3. describe specimen collection, transport and proper handling with regard to histopathological, cytological, haematological and chemical pathological investigations;
4. describe the aetiopathogenesis and pathological changes associated with disorders in cardiorespiratory, gastrointestinal and hepatobiliary genitourinary, endocrine, locomotion, and central nervous system;
5. explain the pathological basis of clinical features of diseases of the above systems;

6. describe and explain the basis of the applications of basic laboratory investigations in the diagnosis and management of diseases of such systems;
7. describe the mechanisms of common disease processes involving the blood cells (red cells, white cells, platelets) and the coagulation system;
8. interpret the results of haematological tests, in the context of the overall clinical picture of the patient;
9. explain the basis of blood grouping, compatibility testing, indications and explain the principals of managing transfusion reactions.

Course Structure

Year 2 Semester 4 to Year 4 Semester 7

- Lectures -106 hours
- Tutorials -17 hours
- Practical -30 hours
- Clinical appointment -2 weeks (48 hours)

Course Content

- General pathology
- Tumour pathology
- Systemic pathology
- Chemical pathology
- Heamatology

Teaching and Learning Methods

- Lectures, face to face and online
- Tutorials, face to face and online
- Practical, laboratory based and virtual
- Clinical appointment

Assessment Strategy

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF type + 5 SBA)	1 hour 15 min	10 marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour 15 min	5 marks
End of Semester 6	20 MCQ (15 MTF type + 5 SBA)	1 hour 15 min	5 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments

- Minimum of 80% attendance for tutorials, practical and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	40 MCQ (32 MTF type + 8 SBA)	2 hours	30 marks
Written Paper II	6 SEQ	2 hours	30 marks
OSPE	20 stations	4 min each	20 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

* MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer SEQ= Structured Essay Question, OSPE = Objective Structured Practical Examination

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

New Assessment Format to be Implemented from Batch 02 in 2022

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF type + 5 SBA)	1 hour	3 marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour	3 marks
End of Semester 6	20 MCQ (15 MTF type + 5 SBA)	1 hour	7 marks
End of Semester 7	20 MCQ (15 MTF type + 5 SBA)	1 hour	7 marks
Total			20 marks

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	15 MTF type MCQ + 3 SBA + 3 EMQ with 4 scenarios each	1.5 hours	25 marks
Written Paper II	6 SEQ	1.5 hours	25 marks
OSPE	25 stations	4 min each	30 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Muir's Textbook of Pathology C Simon Herrington 15th Edition 2014. CRC Press.
- General and Systematic Pathology, 5th Edition 2009, J.C.E. Underwood, Simon Cross. Churchill Livingston.
- Essential Hematology, 6th Edition 2011, Hoffbrand AV, Pettit JE & Moss PAH Blackwell Publishing. Oxford.
- Clinical Chemistry, 9th Edition 2004, Marshall WJ, Bangert SK, Mosby. Missouri.

Supplementary Reading (Optional)

- Basic Pathology, 9th Edition, 2010 Cotron R, Kumar V, Robbins SL, Saunders. Philadelphia.
- Hematology for the medical student, 3rd Edition 2003, Schmaier AH, Petruzzelli LM Lippincott Williams & Wilkins. Philadelphia
- Kumar and Clerk's Clinical Medicine, 10th Edition, 2020, Feather A, Randall D, Waterhouse M. Elsevier
- Davidson's Principles and Practice of Medicine, 23rd Edition 2018 Ralston S, Penman I, Strachan M, Hobson R. Elsevier

DEPARTMENT OF PHARMACOLOGY

Academic Staff

Senior Lecturer

Dr. R.M.M.K.Namal Rathnayake *MBBS, MPhil (Pera); MSc Toxicol, MSc Clin Pharmacol & Therap), Dip Toxicol), Dip in Occup Health & Safety (Col); MA, Postgrad. Dip Buddhist Studies (Bud & Pali Uni of SL)* – Head of Department

Learning Outcomes of the Course in Pharmacology

At the completion of this course, the students should be able to:

1. describe the basic principles and concepts in pharmacology;
2. describe the pharmacological basis of the drugs used in the management of diseases of different organ systems;
3. demonstrate skills in evidence-based prescribing;
4. describe the importance of preventing medication errors in improving patient safety;
5. describe the policies in medicine management;
6. describe the pharmacological principles in toxicology;
7. describe the role of the doctor in preventing misuse of drugs.

Course Structure

Year 2 Semester 4 to Year 4 Semester 7

- Lectures - - 113 hours

Course Content

- General Pharmacology
- Antimicrobial agents
- Drugs used in Anaesthesia
- Systemic Pharmacology and Therapeutics
 - Drugs used in: cardiology
 - pulmonology
 - genito-urology
 - gastroenterology
 - immunology
 - endocrinology and reproductive system
 - toxicology
 - neurology
 - psychiatry

Teaching and Learning Methods

- Lectures, face to face and online
- Small group discussions (SGD)
- Tutorials

Assessment Strategy

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF type + 5 SBA)	1 hour 15 min.	10 marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour 15 min.	10 marks
Total			20 marks

Eligibility to appear for the End of Course Assessments (3rd MBBS Part 2 Examination)

- Minimum of 80% attendance for tutorials and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	40 MCQ (20 MTF Type + 20 SBA)	2 hours	40 marks
Written Paper II	4 SEQ	2 hours	40 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2 Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

New Assessment Format to be Implemented from Batch 02 in 2022

Continuous (In Course) Assessments

Exam	Assessment Method	Allocated Time	Marks
End of Semester 4	20 MCQ (15 MTF type + 5 SBA)	1 hour	3 marks
End of Semester 5	20 MCQ (15 MTF type + 5 SBA)	1 hour	3 marks
End of Semester 6	20 MCQ (15 MTF type + 5 SBA)	1 hour	6 marks
End of Semester 7	20 MCQ (15 MTF type + 5 SBA)	1 hour	6 marks
Total			20 marks

End of Course Assessments (3rd MBBS Part 2 Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	MCQ : 15 MTF type + 3 SBA + 3 EMQs with 4 scenarios each	1.5 hours	40 marks
Written Paper II	6 SEQ	1.5 hours	40 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

**MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, SEQ= Structured Essay Question*

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (3rd MBBS Part 2). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Rang and Dale's Pharmacology. Rang HP, Date MM, Ritter JM, Flower RJ & Henderson G. 9th Edition 2020. Elsevier
- Clinical Pharmacology. Bennett PN, Brown MJ. 12th Edition 2018, Elsevier Churchill Livingstone, London.
- Basic and clinical Pharmacology. Katzung BG, Masters SB, Trevor AJ. 14th Edition 2017. McGraw Hill Medical, New York.

Supplementary Reading (Optional)

- Sri Lankan Prescriber. State Pharmaceuticals Corporation of Sri Lanka.
- British National Formulary. 2021, BMJ Publishing Group Ltd and Royal Pharmaceutical Society.
- Sri Lanka Student Formulary. 2018, Department of Pharmacology, Faculty of Medicine, University of Colombo and Ministry of Health, Nutrition & Indigenous Medicine, Sri Lanka.
- Australian Prescriber. NPS MEDICINEWISE, Level 5, 15 Moore Street Canberra ACT 2600.
- Foundations of Pharmacology for students of Medicine and Allied Health Sciences. Jayakody RL. 2009. Ananda Press, Colombo 13.
- Goodman & Gilman's the Pharmacological basis of Therapeutics. 2018, McGraw Hill Education, New York.

** Latest editions are recommended for all books*

DEPARTMENT OF PRIMARY CARE AND FAMILY MEDICINE

Academic Staff

Visiting Professor

Prof. Kumara Mendis *MBBS, DFM, MD Fam Med (Col); MSc Med Informatics (Netherlands); FCGP (SL), FACHI (Aus)*
- Chair Professor of Family Medicine,
Faculty of Medicine, University of Kelaniya

Learning Outcomes of the Course in Primary Care and Family Medicine

At the completion of this course, the students should be able to:

1. describe the concepts, principles and mode of delivery of primary health care, primary care and family medicine and essential care service in Sri Lanka;
2. describe the health system and Primary Health Care model in Sri Lanka;
3. describe the doctor-patient relationship and roles and functions of a Family Physician and Primary Care doctor;
4. gather clinical, psychological, socio-cultural and environmental information relevant to health promotion, prevention and care of individuals, families and households;
5. describe prevention and management of common clinical and other issues or problems faced by people, including vulnerable groups who present at Primary Care and Family Practice;
6. analyze different interventions to different risk levels, including disasters, by primary care services;
7. explain strategies taken for continuity of care, including terminal or palliative care and end-of-life issues, for conditions that need long term management at Primary Care and Family Practice;
8. describe screening and preventive programs implemented at Primary Care (Healthy life style clinic) and Family Practice;
9. explain the process of documentation in Primary Care and Family Practice, (empanelment) and the principles of using an electronic medical record system;
10. describe community involvement activities at Primary Care and the informal networks that provide support to improve health;
11. explain the importance and demonstrate skill of communicating with patients, family members, colleagues, and public;
12. describe monitoring of services at Primary Care and clinical audits in Family Practice;
13. explain the referral and back referral from hospitals to Primary Care and the services available for further follow-up and care and apply this to patients;
14. explain the facilities available, including social support, provision of aides and home-based care, to support households and individuals with chronic illness.

Course Structure

Year 2 Semester 5 to Year 3 Semester 7

- Lectures - 20 hours
- Clerkship/field work - 50 hours

Year 3 Semester 7 to Year 3 Semester 8

- Tutorials/Small group discussions (SGD) - 10 hours

Course Content

- Primary Care
- Family Medicine

Teaching and Learning Methods

- Lectures, face to face and online
- Clerkship
- Tutorials/ SGD
- Maintaining a Portfolio

Assessment Strategy

Eligibility to appear for the End of Course Assessments

- Minimum of 80% attendance for tutorials and SGDs even with valid medical certificates or approved leave for any absence.
- Those who do not obtain a minimum of 80% attendance will have to appear for the next scheduled examination, which would be considered as a second attempt.

End of Course Assessments (1st Attempt)

Assessment Method	Allocated Time	Marks
Oral Examination and Assessment of Portfolio	20 min	40 marks
Written Paper - 20 SAQ	1 hour	60 marks
Total		100 marks

End of Course Assessments (Subsequent Attempts)

Assessment Method	Allocated Time	Marks
OSVE	20 min	25 marks
Written Paper - 20 SAQ	1 hour	75 marks
Total		100 marks

*SAQ= Short Answer Questions, OSVE = Objective Structured Viva Examination

Recommended Books

- Lecture Notes in Family Medicine. Nandani de Silva, 3rd Edition 2016. Vishva lekha, Ratmalana, Sri Lanka
- Oxford handbook of General practice, Bob Mash, 4th Edition 2018, Oxford University Press

Supplementary Reading (Optional)

- Essentials of Family Practice, Antoinette Perera, Murtagh John, 2nd Edition 2007. Vishva Lekha, Ratmalana, Sri Lanka

DEPARTMENT OF MEDICINE

Academic Staff

Consultant

Prof. Saroj Jayasinghe *MBBS, MD, PhD (Col); MD (Bristol); MRCP (UK); FRCP (Lond); FCCP; FNASSL*

Senior Lecturers

Dr Udayangani Ramadasa *MBBS, MD (Col); FRCP (Lond); FCCP; Dip Pall Med -Clin (RACP)* - Head of Department

Dr Champika Gamakaranage *MBBS (SJP); MD (Col); MRCP (UK); FRCP (Lond)*

Learning Outcomes of the Course in Medicine

On completion of this course, the students should be able to:

1. take an appropriate and comprehensive history, perform a physical examination, arrive at a reasonable diagnosis/diagnoses and identify problems;
2. evaluate patients with common diseases in a rational, analytical way with a view to problem-solving (clinical reasoning);
3. state indications for investigations, perform or arrange for relevant investigations and interpret results;
4. describe and relate knowledge of basic sciences and epidemiology to clinical situations and explain pathophysiological basis of diseases, judge the prognosis, and plan out investigations and treatment strategies;
5. provide comprehensive care as a member of the health care team in the following settings using a holistic and multidisciplinary approach: clinics, emergency units, wards and rehabilitation units;
6. present the clinical findings, document patient records and management plans in a legible and easily understood format and to make a concise summary;
7. communicate with patients, their families and with other health care workers in the hospital and the community;
8. recognize patients fears, beliefs, expectations and respect their physical, social, psychological and spiritual needs, cultural beliefs and be able to show empathy;
9. recognize ethical issues and apply values and principles which would help in their resolution;
10. describe organization of the health system and hospital-based care, different roles of the members of the health care team and its interaction with other health institutions, preventive services and health promotion.

Course Structure

Year 3 Semester 5 to Semester 6

- Lectures – 76 hours
- 1st Medical Appointment – 6 weeks
- 7 Short Appointments - 10 weeks

Year 4 Semester 7 to Semester 8

- Lectures - 76 hours
- 2nd Medical Appointment - 6 weeks
- 7 Short Appointments - 9 weeks

Year 5 Semester 9 to Year 5 Semester 10

- Professorial Appointment - 8 weeks

Course Content

- Clinical skills and communication skills
- Cardiovascular System
- Respiratory System
- Nephrology
- Gastrointestinal System
- Hepato-biliary system
- Endocrinology and metabolism
- Nervous system
- Hematology and Immunology
- Musculo-skeletal system
- Infections and parasitic diseases
- Dermatology
- Geriatrics
- Palliative care
- Toxicology and toxinology
- Nutrition, growth and development
- Evidence based medicine
- Emerging issues of interest (eg. COVID 19 pandemic, climate change social determinants of health)
- Ethical issues

Teaching and Learning Methods

- Lectures, face to face and online
- Task based learning and student presentations, face to face and online
- Case based discussions
- Clinical Training
- Home visits

Assessment Strategy

Formative Assessments

- During the Clinical Appointments (eg. Mini Clinical Evaluation Exercise)
- Assessment of group presentations of the home visits

Continuous (In Course) Assessments

Assessment	Assessment Type	Marks
Assessments at the end of the 4 th Year	Oral Examination based on Portfolio and Work Books <ul style="list-style-type: none">• 15 cases each from 1st and 2nd Clinical Medicine Appointments• 3-5 cases from each short appointment	10 marks
Assessments during and at the end of the Professorial Appointment	<ul style="list-style-type: none">• Assessment of performance of ward work, based on cases allocated to individual students. This will include history-taking skills, physical examination skills, clinical reasoning, formulating comprehensive plan of management, patient welfare, and knowledge related to the illness etc.)• Assessment of Communication Skills• Structured Oral Examination focusing on emergencies and ethics.• Objective Structure Clinical Examination	10 marks
Total		20 marks

Eligibility to appear for the End of Course Assessments (Final MBBS)

- Satisfactory completion of 39 weeks of clinical appointments

End of Course Assessments (Final MBBS)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	5 SEQ	3 hours	20 marks
Written Paper II	50 MCQ (20 MTF type + 30 SBA)	2 hours	20 marks
Long case		40 min with patient 20 min with examiners	20 marks
Short cases	4 cases	For each case - 5 min with patient 2.5 min with examiners	20 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

*SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (Final MBBS). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

Basic Textbooks

- Kumar and Clark's Clinical Medicine 10th Edition. Adam Feather, David Randall, Mona Waterhouse. Elsevier.
- Davidson's Principles and Practice of Medicine 23rd Edition. Stuart H. Ralston, Ian Penman, Mark W J Strachan, Richard Hobson. Elsevier.

Handbooks

- Oxford Handbook of Clinical Medicine (Oxford Medical Handbooks) 10th Edition. Ian Wilkinson, Tim Raine, Kate Wiles, Anna Goodhart, Catriona Hall, Harriet O'Neill. Oxford University Press.
- Oxford Handbook of Emergency Medicine (Oxford Medical Handbooks) 5th Edition. Jonathan P. Wyatt, Robert G. Taylor, Kerstin de Wit, Emily J. Hotton. Oxford University Press.

Clinical science

- Hutchison's Clinical Methods: An Integrated Approach to Clinical Practice (Hutchinson's Clinical Methods) 24th Edition. Michael Glynn, William M Drake. Elsevier.
- Macleod's clinical examination Macleod's Clinical Examination 14th Edition. J. Alastair Innes, Anna R Dover, Karen Fairhurst. Elsevier.
- Talley and O'Connor's Clinical Examination - 2-Volume Set 8th Edition. Nicholas J Talley, Simon O'Connor. Elsevier.

Reference textbook

- Oxford Textbook of Medicine, Volume 1 - 4. 6th Edition. John Firth, Christopher Conlon, Timothy Cox. Oxford University Press. Harrison's Principles of Internal Medicine, Twentieth Edition (Vol.1 & Vol.2) 20th Edition. J. Larry Jameson, Anthony Fauci, Dennis Kasper, Stephen Hauser, Dan Longo, Joseph Loscalzo. McGrawHill Education.

Supplementary Reading (Optional)

- British Medical Journal
- New England Journal of Medicine
- Lancet
- Ceylon Medical Journal
- Journal of Ceylon College of Physicians
- Sri Lanka Medical Journal and Medical Journals of Galle, Jaffna, Jayewardenepura and Anuradhapura.
- Medscape – free website
- UpToDate – paid website

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Academic Staff

Consultant

Prof. Malik Goonewardene *MBBS (Cey); MS Obst & Gynae (Col); FRCOG (UK); FSLCOG; Hon. MGS (Pol)*

Lecturer (Unconfirmed)

Dr. Oshadhi Nallaperuma *MBBS (Pera); MD Obst & Gynae (Col)* – Acting Head of Department

Learning Outcomes of the Course in Obstetrics and Gynaecology

At the completion of this course, the students should be able to:

1. define and explain the basis of women's health care;
2. describe bio ethical principles in relation to the provision of evidence-based health care to women;
3. counsel and manage all aspects of normal pregnancy, labour, delivery and puerperium, and explain the basis of such management;
4. Identify, counsel and manage common gynecological problems, and explain the basis of such management;
5. Identify common obstetric and gynecological emergencies, formulate appropriate management plans, commence initial management, and explain the basis of such management;
6. Identify common abnormalities of pregnancy, labour, delivery and puerperium, formulate appropriate management plans, commence initial management and explain the principles of such management;
7. describe and explain the principles of the measures adopted in the early diagnosis of gynecological malignancies, and counsel women in this regard;
8. function effectively as medical officers providing primary health care to women in the community, perform under supervision, basic tasks and clinical procedures which are essential duties of intern house officers in obstetrics and gynaecology, and pursue post graduate studies in the future;
9. design a clinical audit, critically appraise different options of management, and write reflective reports on their experiences in relation to the provision of health care to women;
10. describe the principles involved in ensuring patient safety, and clinical risk management, in the provision of health care to women;
11. describe basic medico-legal issues and procedures in relation to women's health care;
12. perform a literature search on a given topic, formulate a presentation using MS PowerPoint, and make an oral presentation to peers.

Course Structure

Year 1 Semester 2 to Year 2 Semester 3

- Interactive and Flipped Lecture Discussions and Audio-Visual Presentations –8 hours
- Visits to a hospital – 12 Hours (4 hours X 3 visits)

Year 2 Semester 4

- Introductory Clinical Appointment – 1 week (16 hours)
- Simulation Based training - 8 hours

Year 2 Semester 4 to Year 5 Semester 9

- Interactive and Flipped Lecture Discussions, Audio Visual Presentations - 110 hours
- Simulation Based training - 12 hours

Year 3 Semester 5 to Year 4 Semester 8

- 1st Clinical Appointment - 4 weeks (160 hours)
- 2nd Clinical Appointment - 4 weeks (160 hours)

Year 5 Semester 9 to Year 5 Semester 10

- Professorial Appointment –8 weeks (356 hours)

Course Content

General Topics

- Pre pregnancy care
- Antenatal care for low- risk pregnancies
- Antenatal care for high- risk pregnancies
- Management of Labour and delivery
- Obstetric Emergencies
- Postnatal Care
- Common Gynaecological Problems
- Subfertility
- Sexual and Reproductive Health
- Early pregnancy problems
- Gynaecological oncology
- Urogynecology and pelvic floor problems

Teaching and Learning Methods

- Interactive and flipped lecture discussions and audio-visual presentations, face to face and online
- Task based learning and student presentations, face to face and online
- Clinical training and experiential learning in hospitals, and shadowing house officers
- Case presentations and Case-based Discussions (CbD)
- Bedside teaching and learning (BSTL)
- Simulation based training
- Multidisciplinary CbD and Student Seminars
- Critical appraisal of different management options in women's care and reflective writing
- Maintaining a log book and portfolio
- Independent (self-directed) learning

Assessment Strategy

Formative Assessments

- Case presentations and CbD during the 1st and 2nd Clinical Appointments
- Assessments during ward rounds, BSTL and supervised clinical training, during Professorial Appointment
- Assessment of individual tasks and group tasks assigned to students, online and face to face
- Log book and portfolio assessments, during the 3rd week of the 2nd clinical appointment, during the 5th week of the Professorial Appointment and within three days before the end of the Professorial Appointment
- Case Presentations, CbD, Mini Clinical Evaluation Exercise and Direct Observation of Procedural Skills during Professorial Appointment

Continuous (In Course) Assessments

- Objective Structured Clinical Examination (OSCE) within three days of commencement of the Professorial Appointment: 6 stations of 6 minutes duration each, on basic clinical skills and attitudes. 5 marks
- OSCE within three days before the end of the Professorial Appointment: 10 stations of 8 minutes duration each on core knowledge, skills and attitudes. 15 marks
- **Total** **20 marks**

Eligibility to appear for the End of Course Assessments (Final MBBS Examination)

- Satisfactory completion of 17 weeks of clinical appointments
- Satisfactory completion of log book and portfolio

End of Course Assessments (Final MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	5 SEQ	2 hours	20 marks
Written Paper II	50 MCQ (20 MTF type + 30 SBA)	2 hours	20 marks
Obstetric Case		20 mins. with patient, 20 mins. with examiners	20 marks
Gynaecological Case		20 mins. with patient, 20 mins. with examiners	20 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

* SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (Final MBBS Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

1. Obstetrics by Ten Teachers 21st Ed. International Students' Edition. Louise E Kenny & Jennie E Myers Eds. CRC Press, Taylor & Francis Group
2. Gynaecology by Ten Teachers 21st Ed. International Students' Edition. Helen Bickerstaff & Louise E Kenny Eds. CRC Press, Taylor & Francis Group
3. Oxford Handbook of Obstetrics and Gynaecology 3rd Edition 2016, Sally Collins, Sabaratnam Arulkumaran, Kevin Hayes, Simon Jackson & Lawrence Impey Eds. Oxford Press. (New edition should be available in 2022)
4. Obstetric Emergencies – A Practical Manual. Sanjeeva Padumadasa and Malik Goonewardene Eds. CRC Press, Taylor & Francis Group 2021
5. Basic Sciences for Obstetrics and Gynaecology. Core Materials for MRCOG Part 1. A Ugwumadu Ed 2014. Oxford University Press

Supplementary Reading (Optional)

- Dewhurst's Textbook of Obstetrics & Gynaecology (9th Ed., 2018). Lees, C., Bourne, T., & Edmonds, K. (Eds.). Wiley-Blackwell.
- Obstetrics & Gynaecology: An Evidence-based Text for MRCOG (3rd Ed. 2016). Luesley, D. M., & Kilby, M. D. (Eds.). CRC Press. Taylor & Francis Group.
- Handbook of Obstetric Medicine (6th Ed. 2020). Nelson-Piercy, C. CRC Press. Taylor & Francis Group.UK
- World health Organisation. WHO Guidelines and Recommendations. relevant to Obstetrics and Gynaecology. Latest Editions. Available from: www.who.int
- International Federation of Gynaecology and Obstetrics. FIGO Guidelines and Statements. Latest Editions. Available from www.figo.org
- Royal College of Obstetricians and Gynaecologists. London. Guidelines and Research Services; Latest Editions. Available from: www.rcog.org.uk
- National Institute for Health and Care Excellence. Nice Clinical Guidelines relevant to Obstetrics and Gynaecology. Latest Editions. Available from: www.nice.org.uk
- Royal Australian and New Zealand College of Obstetricians and Gynaecologists. RANZCOG Guidelines and Statements. Latest Editions. Available from: www.ranzcog.edu.au
- American College of Obstetricians and Gynaecologists. ACOG Clinical. Clinical Guidance and Committee Opinions. Latest Editions. Available from: www.acog.org.
- Sri Lanka College of Obstetricians and Gynaecologists. SLCOG Guidelines and Position Statements. Latest Editions. Available from www.slkog.lk

DEPARTMENT OF PAEDIATRICS

Academic Staff

Consultant

Prof. Sanath P. Lamabadusuriya *MBE; MBBS (Cey); DSc (Ruhuna); DCH, PhD, FRCP (Lond);
FRCP (Edin); FRCP (Glasg); FRCPC (Eng); FCCP; FSLCPaed;
FCGP (SL)*

Lecturers (Unconfirmed)

Dr M G U Sampath *MBBS (Ruhuna); DCH, MD Paed (Col)* - Acting Head of Department
Dr Sadani Vithana *MBBS (Ruhuna); DCH, MD Paed (Col)*

Learning Outcomes of the Course in Paediatrics

At the completion of this course, the students should be able to:

1. conduct clinical evaluations, relevant investigations, treatment and provide follow-up required for common paediatric health problems;
2. monitor optimal growth and development, prevention of relevant infectious diseases through immunisation;
3. apply the acquired knowledge and skills to provide patient centred care for the prevention and management of health problems and health promotion in children;
4. contribute to the prevention of communicable & non communicable diseases, child maltreatment as well as injuries (accidental and non-accidental);
5. demonstrate the ability to improve patient care in children based on scientific evidence, constant self-evaluation, and reflective life-long learning with updated knowledge;
6. recognize beliefs, expectations and queries of the family and respect their physical, social, psychological and spiritual needs in a compassionate manner, displaying empathy always;
7. demonstrate inter-personal communication and collaborative skills that result in the effective exchange of information and collaborations with the community, patients, their families, and health professionals;
8. demonstrate the ability to carry out responsibilities in a professional and ethical manner in the management of children;
9. demonstrate the skills needed to become the first contact doctor in the management of children with an awareness of and responsiveness to the system of health care, as well as the ability to effectively utilize resources in the system to provide optimal health care for the children;
10. provide appropriate medico-legal services pertaining to the paediatric age group where required, eg; child maltreatment;
11. counsel regarding diseases and their complications;
12. educate the community regarding hazardous environments for children.

Course Structure

Year 1 Semester 2 to Year 2 Semester 3

- Lectures - 5 hours
- Field visits to Medical Officer of Health Clinic - 4 hours (2 hours X 2 Visits)

Year 2 Semester 4

- Introductory Clinical Appointment - 1 week (24 hours)

Year 3 Semester 5 to Year 4 Semester 8

- Lectures - 80 hours

Year 3 Semester 5 to Year 4 Semester 8

- 1st Clinical Appointment - 4 weeks (120 hours)
- 2nd Clinical Appointment - 4 weeks (120 hours)

Year 5 Semester 9 to Year 5 Semester 10

- Professorial Appointment - 8 weeks (264 hours)

Course Content

- Introduction to Paediatrics
- Well Baby Care
- Infections
- Neonatology
- Respiratory Diseases
- Gastrointestinal Disorders
- Cardiology
- Nephrology and Fluid Balance
- Musculoskeletal Disorders
- Endocrinology
- Haematology and Oncology
- Neurology
- Paediatric Emergencies
- Miscellaneous conditions - Genetic Disorders, Inborn Errors of Metabolism, Child Abuse Poisoning, Behaviour Disorders

Teaching and Learning Methods

- Interactive Lecture Discussions – face to face and online
- Field Visits
- Clinical Teaching
- Community based learning
- Simulation Based Training

- Computer Based Learning - Picture stories, Video Sessions, Quizzes
- Case Based Discussions/Integrated Ward Classes/Clinical Lecture Demonstrations
- Maintaining a Log Book
- Maintaining a Portfolio which includes the report of the family visit

Assessment Strategy

Formative Assessments

- MCQs 10 MTF type and 10 SBAs Year 4 Semester 8
- Objective Structured Practical Examinations (Online/Onsite) Year 4 Semester 8

Continuous (In Course) Assessments

Assessment type	Allocated Time	Marks
During Professorial Appointment		
• Case Presentations and case-based discussions		3 marks
• Assessment of Portfolio (including the report of the family visit)		3 marks
• Structured assessment of attitudes and behavior		4 marks
• OSCE – 10 stations	3 min each	10 marks
Total		20 marks

Eligibility to appear for the End of Course Assessments (Final MBBS Examination)

- Satisfactory completion of 17 weeks of clinical appointments
- Satisfactory completion of Portfolio

End of Course Assessments (Final MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	6 SEQ	3 hours	20 marks
Written Paper II	50 MCQ (20 MTF type + 30 SBA)	2 hours	20 marks
Long Case		40 mins. with patient, 20 mins. with examiners	20 marks
Short Cases	2 cases	06 mins. with patient, 4 mins. with examiners	20 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

*SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer, Objective Structured Clinical Examination=OSCE

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (Final MBBS Examination). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Illustrated Text Book of Paediatrics, 6th Edition 2021, by Tom Lissauer and Will Carroll.
- Nelson Textbook of Paediatrics, 21st Edition 2019, by Robert M. Kliegman, MD and Joseph St. Geme, MD.
- Forfar and Arneil's Textbook of Pediatrics 7th Edition 2008 by Neil McIntosh, Peter J. Helms , Rosalind L. Smyth, Stuart Logan .
- Examination Paediatrics, 5th Edition 2017, by Wayne Harris. Elsevier
- Smith's Recognizable Patterns of Human Malformation, 8th Edition 2021, by Kenneth Lyons Jones, Marilyn C. Jones, Miguel Del Campo.
- Mary Sheridan's From Birth to Five Years: Children's Developmental Progress, 5th Edition 2021, by Ajay Sharma, Helen Cockerill, Lucy Sanctuary.

DEPARTMENT OF PSYCHIATRY

Academic Staff

Consultant

Dr. Damani Jayasinghe *MBBS, MD Psych (Col); FCCP; FSLCPsych; MRCPsych(UK);
FRCPsych(Lond)*

Senior Lecturer

Dr.Vajira Dharmawardene *MBBS, MD Psych (Col)* – Head of Department

Lecturer (Unconfirmed)

Dr.Sudheera R Pathirana *MBBS (Pera); MD Psych (Col)*

Learning Outcomes of the Course in Psychiatry

At the end of the course the student should be a scholar, a scientist, a practitioner and a professional, and be able to:

1. explain biological, psychological and social factors that affect human behaviour in health and illness;
2. describe and explain basic ethical values and legal issues related to psychiatry and apply them in necessary practical situations;
3. summarise principles of promotion of mental health and prevention of mental illnesses in a community and specific populations;
4. apply basic scientific knowledge of psychology, sociology and psychiatric phenomenology in a wide range of clinical situations;
5. diagnose and rationally manage a defined range of psychiatric disorders in Sri Lanka;
6. provide comprehensive and personalized care for mentally ill in primary health care;
7. demonstrate communication skills, counselling skills and apply them in psychiatric practice;
8. establish a good therapeutic relationship with patients which is necessary for a productive professional relationship to care for the mentally ill;
9. demonstrate ability to work as a member and a leader of a team.

Course Structure

Year 2 Semester 4 to year 3 Semester 5

- Lectures and Student Presentations -30 hrs

Year 3 Semester 6 to Year 4 Semester 8

- Lectures and other learning methods - 60 hours

Year 4 Semesters 7 to 8

- Clinical Appointment and Community Mental Health - 12 weeks

Year 5 Semesters 9 to 10

- Case Based Discussions on common psychiatric presentations -12 hours
- Professorial Appointment - 8 weeks

Course Content

- Sciences Basic to Psychiatry
- Clinical Psychiatry and Psychiatric Disorders
- Community Mental Health

Teaching and Learning Methods

- Lectures
- Student led seminars
- Maintaining Case books
- Portfolio based reflective writing
- Case Based discussions
- Clinical Training
- Small group discussions
- Multi-disciplinary learning
- Field visits

Assessment Strategy

Continuous (In Course) Assessments

- Sciences Basic to Psychiatry Course 5 marks
 - Assessment of Group Presentations and Seminars
 - Assessment of Group Portfolios with individual reflective writing
- Assessment of cases written during Clinical Appointments and Community Mental Health Programme 5 marks

Eligibility to appear for the End of Course Assessments (Final MBBS Examination)

- Satisfactory completion of 12 weeks of clinical appointments

End of Course Assessments (Final MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	5 SEQ	2 hours	25 marks
Written Paper II	50 MCQ (30 MTF type + 20 SBA)	2 hours	25 marks
Long Case		20 min. with patient, 20 min with examiners	25 marks
Short Cases	2 cases	20 mins	15 marks
Contribution from Continuous (In Course) Assessments			10 marks
Total			100 marks

* SEQ= Structured Essay Question, MTF = Multiple True False, MCQ= Multiple Choice Questions, SBA = Single Best Answer

The Continuous Assessment marks out of 10, will be considered only for the first attempt at the end of course assessment (Final MBBS Examination). For subsequent attempts the marks out of 90 will be converted to a mark out of 100

Recommended Books

- Shorter Oxford Textbook of Psychiatry 7th edition (2017) Paul Harrison, Philip Cowen, Tom Burns, and Mina Fazel Oxford University Press
- International Classification of Diseases 10th edition (ICD -10) 1992- chapter V / ICD 11 Diagnostic Guidelines for Mental, Behavioural and Neurodevelopmental Disorders (2022), World Health Organization, Geneva, Switzerland

Supplementary Reading (Optional)

- Oxford Handbook of Psychiatry 4th edition (2019), David Semple and Roger Smyth . Oxford University Press.
- New Oxford Textbook of Psychiatry, 3rd Edition (2020) John R. Geddes, Nancy C. Andreasen, and Guy M. Goodwin. Eds. Oxford University Press.
- Kaplan & Sadock's Comprehensive Textbook of Psychiatry 10th edition (2017) Sadock, Benjamin J, Sadock, Virginia A, Pedro Ruiz Wolters Kluwer Health/Lippincott Williams & Wilkins
- Handbook of Clinical Psychiatry. Varuni De Silva, Raveen Hanwella 2nd edition (2020), Kumaran Book House, Colombo; Chennai.

DEPARTMENT OF SURGERY

Academic Staff

Consultant

Dr. Ranjan Dias *MBBS (Col), MS Surgery (Col), FRCS (Edin.)*

Visiting Lecturer

Dr. Prabath Kumarasinghe *MBBS (SJP), MD Surgery (Col), MRCS (Edin.)*

Learning Outcomes of the Course in Surgery

At the completion of this course, the students should be able to:

1. demonstrate adequate knowledge in surgical conditions, at a level appropriate for a basic doctor;
2. obtain the necessary information from the patient and the relatives, competently examine the patient eliciting physical signs, and record the findings;
3. analyse the findings and come to reasonable conclusions in the form of diagnosis or differential diagnosis and decide on an appropriate management plan and effectively communicate with patients, relatives and co-workers;
4. describe the principles of perioperative care of a patient undergoing common surgical operations;
5. demonstrate appropriate behavior in the operation theatre;
6. perform, under supervision, the procedures a basic doctor is expected to perform;
7. identify patient safety concerns and take appropriate measures to avoid or mitigate them in the provision of surgical care;
8. demonstrate the ability to engage in Evidence Based Practice and lifelong learning;
9. demonstrate ethical behavior and adequate knowledge on medico legal aspects of surgical care;
10. describe the value of audit and research in improving the quality of surgical care, and carry out a simple clinical audit;
11. work as a team member of the inter-professional surgical care team, and function as a leader if and when required;
12. describe the relevance and the implications on the family and the community in provision of surgical care including prevention and rehabilitation.

Course Structure

Year 1 Semester 2 to Year 5 Semester 9

- Lectures - 80 hours

Year 2 Semester 4

- Introductory Clinical Appointment - 1 week

Year 2 Semester 4 to Year 4 Semester 8

- 1st Clinical Appointment - 6 weeks
- 2nd Clinical Appointment - 6 weeks
- Short appointments
 - Anaesthesiology and Critical Care - 2 weeks
 - ENT Surgery - 2 weeks
 - Neurosurgery - 1 week
 - Ophthalmology - 2 weeks
 - Oral & Maxillofacial Surgery - 1 week
 - Orthopaedic Surgery and Trauma - 4 weeks
 - Paediatric Surgery - 1 week
 - Urology - 1 week
 - Vascular Surgery - 1 week

Year 5 Semester 9 to Year 5 Semester 10

- Professorial Appointment - 8 weeks

Course Content

- General / Principles of Surgery
- Gastrointestinal System and Abdomen
- Orthopaedic Surgery
- Genito-Urinary Surgery
- Trauma
- Vascular Surgery
- Ear Nose and Throat Surgery
- Ophthalmology
- Paediatric Surgery
- Neurosurgery
- Cardiothoracic Surgery
- Anaesthesiology and Critical Care

Teaching and Learning Methods

- Lectures, face to face and online
- Clinical Lecture Demonstrations - during the Final Year
- Small Group Activities
- Simulation Based Training
- Hospital based clinical training
- Bedside teaching and learning
- Patient's Home/ Community Visits during 2nd Surgery and Professorial Appointments.

- Maintaining a Logbook
- Shadow House Officer Programme during Professorial Appointment
- Independent (self-directed) Learning

Assessment Strategy

Formative Assessments

- End of Clinical Appointment assessments (MTF type MCQ, SBA, OSCE and Structured *Viva Voce*)
- Mini Clinical Examinations during clinical appointments including the Professorial Appointment.
- Opportunities for the students to do 'Self-Assessments'.

Continuous (In Course) Assessments

Assessments	Time Allocation	Marks
OSCE at the end of the Professorial Appointment 10 Stations	3 min each	10 marks
Structured Oral examination (15 minutes) with main focus on: <ul style="list-style-type: none"> ▪ Common surgical emergencies ▪ Surgical procedures and the use of devices and basic equipment Assessment of the Logbook		10 marks
Total		20 Marks

Eligibility to appear for the End of Course Assessments

- Satisfactory completion of 35 weeks of clinical appointments

End of Course Assessments (Final MBBS Examination)

Exam	Assessment Method	Allocated Time	Marks
Written Paper I	8 SAQ	3 hours	20 marks
Written Paper II	70 MCQ (30 MTF type + 40 SBA)	3 hours	20 marks
Long case with observed history taking and focused examination		30 mins.	20 marks
Short Cases	3 cases	20 mins	20 marks
Contribution from Continuous (In Course) Assessments			20 marks
Total			100 marks

*SAQ= Short Answer Question, MCQ= Multiple Choice Questions, MTF= Multiple True False, SBA = Single Best Answer, OSCE=Objective Structured Clinical Examination

The Continuous Assessment marks out of 20, will be considered only for the first attempt at the end of course assessment (Final MBBS). For subsequent attempts the marks out of 80 will be converted to a mark out of 100

Recommended Books

- Bailey and Love's Short Practice of Surgery, 27th Edition 2018, Norman S. Williams, P. Ronan O'Connell, Andrew McCaskie (Eds.). CRC Press, Taylor & Francis Group.
- Essential Surgery – Problems, Diagnosis & Management 6th Edition 2019, H George Burkitt, Clive R G Quick, Joanna B Reed. Elsevier
- Principles and Practice of Surgery 7th Edition 2017, O James Garden, Rowan W Parks (Eds.) Elsevier
- Hamilton Bailey's Physical Signs: Demonstrations of Physical Signs in Clinical Surgery, 19th Edition 2016. John S.P Lumley, Anil K. D'Cruz, Jamal J. Hoballah (Eds.) CRC Press, Taylor & Francis Group
- An Aid to Clinical Surgery 6th Edition 1998, Robin C. N. Williamson, B. P. Waxman, Peter R. Scott (Eds.). Churchill Livingstone
- Adams's *Outline of Fractures*, Including Joint Injuries. 12th Edition 2007, David Hamblen, Hamish Simpson (Eds.) Elsevier
- Adams's Outline of Orthopaedics. 14th Edition 2009, David L. Hamblen & Hamish Simpson (Eds.) Elsevier
- Apley's System of Orthopaedics and Fractures 9th Edition 2010, Louis Solomon, David Warwick, Selvadurai Nayagam . Hodder Arnold
- Pocket Guide to Urology and Nephrology 2nd Edition 2020, Neville D Perera, Rushika D Lanerolle . Ananda Press Sri Lanka
- Lecture Notes: Urology 7th Edition 2016, Amir V. Kaisary, Andrew Ballarow, Katharine Pigott . Wiley Blackwell.
- Jones' Clinical Paediatric Surgery 7th Edition 2015, John M. Hutson, Michael O'Brien, Spencer W. Beasley, Warwick J. Teague, Sebastian K. King (Eds.) Wiley-Blackwell

Orientation Programme (Compulsory)

At the commencement of the MBBS course, there is an Orientation Programme of two weeks, during which the students are given an overview of university life, the MBBS course, the departments in the Faculty of Medicine, and the Teaching Hospital, Ratnapura. This programme also includes personal development programmes and aesthetic programmes

Intensive Course in English (Compulsory)

Conducted by the Department of English Language Teaching (DELT), Faculty of Social Sciences and Languages, Sabaragamuwa University of Sri Lanka.

Aim To improve the basic skills and enhance the English language competence needed to follow the MBBS course effectively and for better employment prospects.

Duration 150 hrs during the orientation programme, and Semesters I and II

Learning Outcomes of the Intensive Course in English

At the completion of this course, the students should be able to:

1. construct English sentences with the following tenses: simple present, present continuous, simple past, past continuous, present perfect, simple future;
2. use simple and compound prepositions;
3. skim and scan a simple text to find specific information;
4. summarize by filtering out unnecessary details and getting to the core of a text;
5. use active and passive voices, modals, comparative and superlative forms, and conditionals;
6. describe a process using sequence markers and active or passive voice;
7. develop skills and strategies for effective listening and taking notes during lectures;
8. build vocabulary for medical purposes and use certain concepts on how vocabulary is formed/used in English (prefix, suffix etc.);
9. introduce himself or herself and others, talk about day-to-day activities and describe things and situations;
10. express personal opinion by looking at a situation with a balanced point of view;
11. give instructions, face an interview, ask for and provide information and carry on a dialogue by turn taking;
12. lead and facilitate a discussion, give opinions, agree or disagree with an opponent, and discuss and express group opinions;
13. practice using the English language through informal learning activities, i.e., variety entertainments, debates and movie screening;
14. convert data given in a non-linguistic form to a linguistic form (i.e. from a graph or table to a descriptive paragraph);
15. understand the essay format, write a coherent paragraph and then a unified coherent essay;
16. write a letter;
17. make a short speech or presentation on a given topic.

Course Content

- Grammar
- Vocabulary development
- Development of group skills
- Writing
- Speech and language use
- Listening and comprehension
- Reading and comprehension
- Composition and presentation

Teaching and Learning Methods

- Lectures
- Individual and group activities
- e-learning methods using online platforms (Zoom, Padlet, Kahoot)
- Small group discussions
- Interactive and communicative activities (debates, role-plays, language games etc.)
- Peer teaching

ASSESSMENT STRATEGY

Written Paper – 3 hours

80 Marks

Area	Question Type	
Grammar	Gap Filling, Short answers, Cloze Test, Matching, Converting sentences	25
Reading	Multiple Choice Questions (MCQ) True / False –Single True Answer type	20
Listening	MCQ True / False –Single True Answer type	20
Writing	Essay (approx. 120 words)	15
Oral Test - 5 minutes	Impromptu speech on a given topic	20 Marks
Total		100 Marks

It is compulsory to participate in the oral test. The final assessment will be held at the end of the third semester. Students must obtain the Certificate of Competency in English awarded by the Faculty of Medicine, SUSL, prior to the commencement of the final MBBS examination.

Every student must pass the assessments either during the 1st attempt or with the junior batches, prior to the Final MBBS Examination.

Recommended Book

Course Book for the Intensive Course in English prepared by the Department of English Language Teaching (Provided by the Faculty of Medicine).

Personal and Professional Development Module

Advisor

Prof. Saroj Jayasinghe *MBBS, MD, PhD (Col); MD (Bristol); MRCP (UK); FRCP (Lond); FCCP; FNASSL*

Coordinator

Dr. Dileepa Banagala *MBBS, MD Ortho (Col)*

Learning Outcomes of the Personal and Professional Development Module

At the completion of this module, the students should be able to:

1. describe and apply the knowledge related to ethics, compassion, empathy, communication, sociocultural aspects and humanities in relation to health;
2. demonstrate effective personal, inter-personal and learning skills;
3. recognize patients' fears, beliefs and expectations, and respect their physical, social, psychological and spiritual needs, and cultural beliefs;
4. communicate with patients, their families and with other health care workers in the hospital and the community in a professional manner;
5. recognize, analyze and manage ethical issues appropriately;
6. demonstrate effective professional skills;
7. be an effective member of the healthcare team;
8. demonstrate kindness, understanding, tolerance, compassion, empathy and humaneness.

Course Structure

Year 1 Semester 1 to Year 2 Semester 3

- Lectures – 11 hours
- Art exhibition
- Music sessions
- Poetry sessions

Year 3 Semester 5 to Year 4 Semester 8

- Lectures – 16 hours
- Small group discussions (SGD) – 9 hours
- Role play – 3 hours
- Dance and play sessions
- Story telling sessions

Year 5 Semester 9 to Year 5 Semester 10

- Communication, ethics and professionalism integrated into the professorial appointments

Course Content

- Personal Development
- Socio-cultural issues
- Communications Skills
- Medical Ethics and Professionalism
- Humaneness

Teaching and Learning Methods

- Lectures, face to face and online
- SGD
- Role play
- Art exhibitions, music sessions, poetry sessions, dance and play sessions, and story telling
- Reflective writing and maintaining a portfolio
- Learning through exemplary role models from all categories of staff

Assessment Strategy

Formative Assessments

- Assessments for group activities

- **Summative Assessments**

Assessment 1 – End of Semester 6

- 2 SEQs 1 hour 100 marks (pass mark = 50%)

Assessment 2 – End of Semester 8

- 2 SEQs 1 hour 100 marks (pass mark = 50%)

Students must sit for the scheduled assessments, and if unsuccessful, the immediate next assessment conducted by the Faculty. Every student must pass the assessments either during the 1st attempt or with the junior batches, prior to the Final MBBS Examination.

Recommended Book

- A Primer for Undergraduate Course in Medical Humanities and Professionalism. 1st Edition 2021. Saroj Jayasinghe, Santhushi Amarasuriya, Mahesh Rajasuriya, Kavinda Gunathilake, Panduka Karunanayake, Ashwini de Abrew. (Available in the Library, Faculty of Medicine, SUSL)

Elective Appointment

Advisors

Prof Saroj Jayasinghe	<i>MBBS, MD, PhD (Col); MD (Bristol); MRCP (UK); FRCP (Lond); FCCP; FNASSL</i>
Prof Malik Goonewardene	<i>MBBS (Cey); MS Obst & Gynae (Col); FRCOG (UK); FSLCOG; Hony. MGS (Pol)</i>

Coordinator

Dr. Champika Gamakaranage	<i>MBBS (SJP); MD (Col); MRCP (UK); FRCP (Lond)</i>
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Shall be scheduled to commence after the 3rd MBBS Part 2 Examination.

Students who are unsuccessful at the 3rd MBBS Part 2 Examination, have the option of requesting exemption from the elective appointment if they wish to.

Aims

- **To broaden students' horizons in general, in areas outside medicine**
eg Singing, Drama, Dancing, Drawing, Painting, Cookery, Sewing, Carpentry, Metal work, Music, Social work, Montessori teaching, Learning a new language, Interacting and learning about a different culture or religion, Learning to drive, Learning to swim, Learning to play chess etc.
OR
- **To broaden students' horizons in medical practice itself**
eg Ayurveda, Siddha, Unani, Homeopathy, Chinese Medicine, Acupuncture etc
OR
- **For students to have a more in-depth exposure to a specialty or a subspecialty in medicine, which they hope to pursue as a future career**
eg Paediatric endocrinology, Pain medicine, Sports medicine, Adolescent medicine, Vascular surgery, Retinal surgery, Urogynaecology, Gynaecology, Allergy and immunology, Vascular and interventional radiology, Forensic Psychiatry etc
OR
- **To foster and promote personal and social responsibility (as a group activity)**
eg organizing health promotional activities such as a "health camp" in a village or a street drama, organizing fundraising activities and donating library books to a rural library, organizing awareness programmes - healthy life style, screen addiction of children, early childhood development, screening and early detection of malignancies improving the quality of lives in patients with chronic diseases such as Chronic Kidney Disease/ Transfusion Dependent Anaemias /Cerebral Palsy, etc.

Duration

Four weeks

Process

Each student or a group of students (maximum six) must:

- select an elective appointment according to the student's or group of students' personal choice, discuss it with the student's / students' assigned mentors (who will be the internal supervisor/s), and obtain preliminary approval.
- plan out the elective appointment (including identification of the prospective External Supervisor and the site of the Elective Appointment)
- submit a brief proposal (250 – 300 words) justifying the selected Elective Appointment and describing the intended learning outcomes (ILOs) from it, for approval by the Internal supervisor/s.

if the assigned mentor/s is/are unable to be the internal supervisor/s for a valid reason, the Coordinator of the Elective Appointment shall arrange for another member/s of the academic staff to be the internal supervisor/s.

Assessment Strategy

- Report from the external supervisor (certification of attendance and structured assessment of performance during the elective appointment)
- Structured Assessment of a reflective report (500 - 600 words), which must be submitted by each student or group of students, to the internal supervisor/s, within one month of completion of the elective appointment.
- Oral examination.

Appropriate remedial measures should be implemented if either the supervisor's report or the reflective reports is unsatisfactory. Certificates will be awarded to the three best performers.

CONSTRUCTION OF THE NEW MEDICAL FACULTY COMPLEX AND PROFESSORIAL UNITS

STAGE 1 - MAGA PROJECT



Maga Engineering (Pvt) Ltd. Sri Lanka was entrusted with Stage 1 of the building project which involves designing and constructing a part of the new Medical Faculty complex, to blend with the architectural theme of the Sabaragamuwa University of Sri Lanka. The Stage 1 of the building project includes: the para clinical building; administration building; several other supporting items and facilities. Construction commenced in October 2020 and is scheduled to be completed by April 2022. The value of the contract is LKR 1,013,874,298.23 (excluding VAT), and this will be funded by the Government of Sri Lanka

STAGE 2 -SAUDI FUND FOR DEVELOPMENT PROJECT



In December 2019, the Saudi Fund for Development (SFD) provided a concessional loan amounting to Saudi Riyal 187.5 million (approximately USD 50 million) towards the cost of establishing a new Medical Faculty in the Sabaragamuwa University of Sri Lanka. Stage 2 of the new Medical Faculty complex will be built utilizing funds from the SFD. Phase 1 of this Stage 2 includes the construction of the following: professorial units; pre-clinical building;

auditorium; library; canteen and area for recreational activities; student center and gymnasium; main entrance and security center; male and female students' hostels; staff quarters; accommodation for guests; other supporting items and facilities. Additional items which will be obtained from the SFD include, medical equipment, library equipment, furniture, vehicles, and standby electricity generators. Medical students need extensive clinical training during the final year professorial clinical appointments. Therefore, the construction of the Professorial Units with an appropriate bed strength, operation theatres, and all other tertiary care facilities, has been identified as an urgent requirement.

The estimated balance of approximately USD 20.5 Million needed for the project will be borne by the Government of Sri Lanka. The entire project is expected to be completed by the end of 2024. A Memorandum of Understanding has been signed between the Ministry of Education and the Ministry of Health to ensure the smooth construction and sustenance of the professorial units.

AFFILIATED INSTITUTIONS AND STAFF

ADMINISTRATIVE OFFICERS

- Provincial Director of Health Services, Sabaragamuwa - Dr. Kapila Kannangara
- Regional Director of Health Services, Ratnapura - Dr. N.G.S. Panditharatne
- Medical Officer, Maternal and Child Health, Ratnapura - Dr. Ruchira Weerasooriya
- Regional Epidemiologist, Ratnapura - Dr. Lakmal Konara
- Medical Officer of Health, Ratnapura - Dr. Lakmal Konara

TEACHING HOSPITAL RATNAPURA



Teaching Hospital Ratnapura (THR), is the largest tertiary care hospital in the Sabaragamuwa Province, and it has a bed strength of 1440. It caters to more than 2 million population, living in Ratnapura and Kegalle Districts. The hospital was first established in 1877 in the main city of Ratnapura. After floods damaged it, the hospital was relocated to its present site in 1958. The hospital was upgraded as a Teaching Hospital in 2018 to provide comprehensive clinical training to the students of newly established Faculty of Medicine; Sabaragamuwa University Sri Lanka.

The THR, which is under the administration of the Central Government, Ministry of Health, Nutrition, and Indigenous Medicine, consists of 5 main specialties and 30 subspecialties with 43 wards and the facilities required for a Teaching Hospital A monthly average of approximately 600 child births, 80,000 outpatient visits and 10,000 admissions were recorded in the hospital for the year 2019.

Specialists of the Teaching Hospital Ratnapura

Name	Designation
Dr Rodrigo MDA	Director
Dr Ranasinghe RDS	Deputy Director
Dr Perera KYD	Deputy Director
Dr Priyangika VS	Consultant Anaesthesiologist
Dr Wanigarathna JJ	Consultant Anaesthesiologist
Dr Withanage AI	Consultant Anaesthesiologist
Dr Jamaldeen Z	Consultant Cardiologist
Dr Withanage TK	Consultant Chemical Pathologist
Dr Somarathna KKVN	Consultant Dermatologist
Dr Weerasinghe HPP	Consultant Dermatologist
Dr Rajakaruna RMS	Consultant Emergency Physician
Dr Liyanarachchi KD	Consultant Endocrinologist
Dr Nuzair MNM	Consultant Gastrointestinal Surgeon
Dr Wijewantha HS	Consultant Gastroenterologist
Dr Aravinthan T	Consultant Genito Urinary Surgeon
Dr Vidyarathna WDP	Consultant Haematologist
Dr Senarath SMDCR	Consultant Histopathologist
Dr Athukorala SMK	Consultant Histopathologist
Dr Kudagama KM	Consultant Judicial Medical Officer
Dr Nanayakkara P N L P G M	Consultant Microbiologist
Dr Thinnarachchi JP	Consultant Nephrologist
Dr Munasinghe Arachchige SSK	Consultant Neurosurgeon
Dr Gunawardhena SACU	Consultant Neurologist
Dr Abeysekara SD	Consultant Obstetrician and Gynaecologist
Dr Rathnayaka RMAK	Consultant Obstetrician and Gynaecologist
Dr Samaranayake KU	Consultant Obstetrician and Gynaecologist
Dr Mendis K	Consultant Oncological Surgeon
Dr Jayalath JADH	Consultant Oncologist
Dr Peiris HSN	Consultant Oncologist
Dr Peiris WTA	Consultant Ophthalmologist
Dr Wicramasingha KH	Consultant Ophthalmologist
Dr Wickramaarachchi S	Consultant Oral and Maxillofacial Surgeon
Dr Gunathissa CN	Consultant Orthodontist
Dr Renuka MDS	Consultant Orthopedic surgeon
Dr Udayakumara PMC	Consultant Orthopedic Surgeon
Dr Milhan APM	Consultant Otorhinolaryngologist (ENT)
Dr Rupasinghe RT	Consultant Otorhinolaryngologist (ENT)
Dr Ranawaka UARS	Consultant Paediatric Surgeon
Dr Abeywardhena BVDSP	Consultant Paediatrician
Dr Pathirage D	Consultant Paediatrician
Dr Pushpakumara KPC	Consultant Paediatrician
Dr Samarasekara GS	Consultant Paediatrician
Dr Wijekoon WAKA	Consultant Paediatrician

Dr Jayasinghe SCL	Consultant Physician
Dr Jeganathan K	Consultant Physician
Dr Rajendra JCP	Consultant Physician
Dr Wijayabandara V	Consultant Psychiatrist
Dr Gamage DTK	Consultant Radiologist
Dr Shantha Kumara RKA	Consultant Radiologist
Dr Dissanayaka NLA	Consultant Respiratory Physician
Dr Samarakoon DRMSB	Consultant Restorative Dental Surgeon
Dr Gunasekara DKS	Consultant Rheumatologist
Dr Anura Bandara MMP	Consultant Surgeon
Dr Dunusingha DAKN	Consultant Surgeon
Dr Wanigasooriya SS	Consultant Surgeon
Dr Premawardhena DAD	Consultant Transfusion Physician
Dr Weerasekara A	Consultant Vascular and Transplant Surgeon
Dr Gurusingha GLR	Consultant Vitreo-Retinal Surgeon

RATNAPURA MEDICAL OFFICER OF HEALTH AREA



Ratnapura Medical Officer of Health (MOH) area which is under the Provincial Ministry of Health has a population of 82000, living in 37 Grama Niladari areas. This MOH area is served by 2 MOHs and is divided in to 31 Public Health Midwife (PHM) areas and 8 Public Health Inspector (PHI) areas. The preventive health care team, led by the 2 MOHs, provide Reproductive and Child Health services through the PHM, Supervising PHMs (SPHMs) and Public Health Nursing Sisters. Food Hygiene, Environmental Sanitation, Occupational Health, Control of Communicable Diseases, and Health Promotion Services in the MOH area are provided through the PHIs and the Supervising PHIs. The preventive health care team also provides a service to 38 schools and 7 estates in the area. Dental Health services are provided through the Dental Surgeons and Dental Therapists. Women living in the MOH area are provided pre conceptional, antenatal, natal, postnatal care, family planning and well women health (Reproductive Health Care). Furthermore, this team also provides immunization, growth monitoring and child development activities (Child Health Care)

PRIMARY CARE CENTRES



Divisional Hospital (Type A) Kiriella is situated in the Ayagama Divisional Secretariat area and serves a population of 36,000. The hospital has 5 wards with 69 beds, an Emergency Treatment Unit (ETU), an Outpatient Department (OPD), a Healthy Lifestyle Center (HLC), a Medical Clinic (MC) and a Diabetic Clinic (DC). Basic laboratory investigations including urine analyses, blood sugar, full blood count and lipid profile are conducted. An ambulance service is available to transfer patients to a secondary or tertiary health care centre, if needed.



Primary Medical Care Unit (PMCU) Keeragala is in the Kuruwita Divisional Secretariat area and provides empanelled health care services to a population of 2365 people, living mainly in Tea and Rubber plantations. Keeragala area is frequently visited by foreign and local tourist as the water fall Bopatha Ella is situated in Keeragala, and the PMCU is equipped to provide primary care in accidents and emergencies. This PMCO too has no indoor health care facilities but has the same outpatient facilities as Divisional Hospital (Type A) Kiriella. This PMCU conducts several community health promotion activities.

Divisional Hospital (Type C) Teppanawa is situated in Kuruwita Divisional Secretary area. The hospital serves an empaneled population of over 14500 under the Primary Healthcare Strengthening Project. It has 3 small wards with 19 beds, an ETU, a regular Medical Clinic, a Dental Clinic, a Healthy Lifestyle Center, an OPD and a basic laboratory. The average daily attendance to the OPD for treatment is over 300. The current health staff includes 3 Medical Officers, 4 Nursing Officers and a Midwife.

FAMILY MEDICINE CENTRES

Training in Family Medicine is provided by three senior Family Physicians at their Medical Centres situated in Ratnapura and Kuruwita.

LEARNING ENVIRONMENT AND MENTORING PROGRAMME

The Faculty is committed to produce competent, committed, compassionate, caring doctors for tomorrow. The Dean with all academic members fosters a student friendly learning environment by acting as kind and compassionate role models. There are several programmes, resources and policies to ensure student well-being. The Mentoring Programme is one such programme which promotes a culture of a supportive academic community which will enable students to achieve their full potential. Each student is assigned to a mentor (a member of the academic staff) during the orientation programme. The mentors support and guide students to make their university life productive and enjoyable by addressing issues related to the academic programme, as well as their personal circumstances. Further, experienced Student Counsellors are available, and they can be approached for additional support, and also to address mental health problems. Policies laid down by the University Grants Commission are strictly followed by the FoM, SUSL. These include zero tolerance of ragging, gender- based violence and sexual harassment. All these matters are explained further during the orientation programme. Details of the above policies, which all students must adhere to, are available on the Faculty website(<https://www.sab.ac.lk/med/>).

FACILITIES AVAILABLE

Library

The SUSL has three branch libraries in addition to the main library. The Medical Library, which is located at the premises of the Faculty of Medicine contain books, journals, gazettes and daily newspapers in Sinhala, Tamil and English. The library is open from: 8.30 am to 6.00 pm on weekdays; 8.30 am to 4.30 pm on Saturday. The library is closed on Sundays and other public holidays. Before and during examinations the library will be open according to the students' requirements. Books can be borrowed for a period of two weeks from the Lending Section. Books from the Reference Section will be available for overnight use only and could be borrowed after 3.00 p.m. and returned before 10.00 a.m. the following day. Penalties payable for overdue books are described below.

Lending Section -one rupee (Rs.1/=) per day. Reference Section -two rupees (Rs.2/=) per hour.

A collection of e-Journals is available through the web page of the library (<https://www.sab.ac.lk/lib/>).

Information Technology Laboratory

The Information Technology Laboratory (IT Lab) is equipped with modern systems, along with laser printers, CD/R, DVD/R drives, and related equipment, and a wide variety of up-to-date software including high end educational tools. High-speed Internet resources are shared among IT Labs and other buildings via a fibre backbone.

Scholarships and Bursaries

The entire MBBS Degree programme is free of charge for locally qualified students selected by the University Grants Commission, and financial assistance schemes are available for the students of low-income families. Bursaries and Mahapola Scholarships are available, and the payments will be made through a bank. Exact date of payment is subject to change from month to month but will be notified in advance. For further information the Senior Assistant Registrar (Academic and Student Affairs) should be contacted.

Hostel Facilities

The Faculty of Medicine, Sabaragamuwa University of Sri Lanka has girls and boys hostel complexes that provide accommodation for first year students and paraclinical students, with a capacity of having up to 200 students. The hostels are in close proximity to the Faculty departments, lecture halls and library. The hostels are of the traditional dormitory style where a student stays with one other roommate in the same bedroom. Washrooms and shower areas are shared by the students residing on the same floor. Students who are residing in the hostels can obtain their meals from the Faculty canteen. The Faculty will provide accommodation for all the students, when the hostel complex is constructed in the New Faculty premises.

Canteen

The Faculty canteen offers breakfast, lunch and dinner as well as tea and various snacks throughout the day. Hours of operation are from 7.00 a.m. to 8.30 p.m. It may be necessary to order main meals in advance.

Laboratories

Three laboratories for Biochemistry, Physiology and Histology are located within the Faculty premises and the Anatomy laboratory is located at the Ratnapura Hospital premises for both undergraduate and postgraduate students. A fully equipped laboratories for Paraclinical and Clinical students are under construction at the new faculty premises.

Medical Facilities

The students can obtain basic medical care at the Faculty Medical Centre, which is open on weekdays, as well as from the Ratnapura Teaching Hospital anytime of the day.

Sports Facilities

Sports facilities are provided at the Butuhena School premises throughout the week after 3.00 pm. The Department of Physical Education coordinates all the sports facilities available at the University. This Department is located at the main University and the staff consists of a Director and Permanent Instructors. The Department of Physical Education should be contacted for details (<https://www.sab.ac.lk/physical-education> Tel: 045- 2280036).

Regular Mail

Incoming mail is sorted at the Main Office and then kept in student mailboxes near the offices or at the Student Hostels. To ensure that the receipt of letters is not delayed the address should include the undermentioned details.

Name
Student Registration Number
Faculty of Medicine
Sabaragamuwa University of Sri Lanka,
P.O. Box 01, Hiddellana, Ratnapura, Sri Lanka.

Photocopy Centre

The Faculty provides a photocopy service at a subsidized rate through a private service provider. The opening hours are from 8.00 a.m. to 6.00 p.m.

UNITS, COMMITTEES AND CELLS

The Dean, is the Chairperson of the Committee for Gender Equity and Equality and the Students' Financial Assistance Scheme Committee, and is an ex officio member of all the other Units, Committees and Cells of the Faculty of Medicine, except the Ethics Review Committee. Each Unit, Committee and Cell consists of a chairperson or Coordinator (usually a Senior Academic), a Secretary and Committee Members. Further information is available on the website www.sab.ac.lk/med

The Audiovisual and Teaching Aid Unit

This Unit is responsible to recommend and facilitate the provision of equipment and material needed to enhance teachers' skills, making the teaching-learning process effective. Hence this unit, together with the Medical Education and Staff Development Unit will support the academic staff to prepare teaching and learning material and also update the administration on the technical requirements needed to facilitate the above process.

The Career Guidance Unit

The main function of the Career Guidance Unit is to help undergraduates to develop their skills and abilities of self-assessment, information seeking and decision making, which are required for coping with complexities of work and to develop lifelong learning habits. Therefore, the unit encompasses many activities designed to support the undergraduate in their efforts to choose the right career and to successfully manage their academic, personal and social lives. Programs are conducted in the following areas.

1. Facilitating the young person's transition from a school to a university
2. Counseling and advising on careers
3. Employability skills enhancement
4. Career-related information provision
5. Networking with the industry
6. Obtaining work experience
7. Graduate placement
8. Integration of career guidance, in the form of instructional modules, within curricular
9. Entrepreneurship skills development
10. Training, research, and development

The Committee for Gender Equity and Equality

This committee is responsible for the implementation in the Faculty of Medicine, the standards, policy and regulations set by the Center for Gender Equity and Equality (Center for GEE) of the University Grants Committee (UGC) of Sri Lanka, and functions under the

Center for GEE of the Sabaragamuwa University of Sri Lanka. It is chaired by the Dean of the Faculty and consists of a male and female representative from each department and division, and equal numbers of male and female students. The Faculty acknowledges gender equity and facilitates the needs arising due to the differences among gender, life experiences and social distinctions including ethnicity, religion, etc. Therefore, all men and women in the Faculty (both staff and students) are treated equitably, ensuring that different needs and interests are fulfilled, providing fairness and justice. Further, the Faculty acknowledges gender equality by recognizing that both men and women are similar, hence both are treated equally with regard to freedom, status, responsibilities, opportunities, access to resources and benefits.

The Curriculum Committee

This committee is responsible for reviewing amendments and improvements of curricular developed by the departments of the Faculty. The committee was further strengthened by the new guidelines set by the Internal Quality Assurance Cell (FQAC) of the Faculty. In addition to the Chairperson the committee consists of all the heads of the departments, chair professors or representative of the departments (senior academics), the coordinator of the FQAC and the Senior Assistant Registrar. This committee is responsible for maintaining the quality of the academic programme, including its teaching learning activities, and also in planning out strategies to develop new degree programmes and fall-back options.

The Disciplinary Action Committee

The Faculty aims to maintain appropriate standards of conduct and behavior of all students. Therefore, this committee will be responsible to recommend to the Dean and the Faculty Board, the action to be taken when the conduct and behavior of students are noticed or are reported to be unsatisfactory. Measures will be taken to ensure that appropriate enquiries and investigations are conducted early, to establish the facts, and that the recommendations will be on par with the guidelines and by laws of the University and the UGC.

The Ethics Review Committee

This committee is responsible for reviewing the ethics of research involving human subjects, animals, tissue and data. A comprehensive Ethics Review Form, adapted from the Ethics Review Committee Guidelines of the Sri Lanka Medical Association, is available on the Faculty website for researchers to complete and submit along with their proposals. Written and online applications are accepted from academic and non-academic staff and students of

the Faculty of Medicine, SUSL and the staff of the Teaching Hospital Ratnapura. This committee is free of bias and influence, and provides independent, competent, and timely review of all ethical aspects of research proposals received for review. Researchers can also obtain advice on ethical issues from this committee.

The Faculty Quality Assurance Cell

The Faculty Quality Assurance Cell (FQAC) assists in the quality assurance (QA) of the MBBS programme and administrative related matters of the Faculty of Medicine. The FQAC complements the Medical Education and Staff Development Unit and the Curriculum Committee to improve the quality of the MBBS programme by identifying existing gaps and recommending the implementation of guidelines and policies in the teaching, learning and assessment processes. The FQAC plans and implements QA related training and capacity building workshops for the academic, administrative, and cooperate staff as well as the students of the Faculty of Medicine. The FQAC carries out many functions of the current QA process including internal reviews.

The Fallback Scheme Committee

This committee will evaluate the requests of students and make recommendations to the Faculty Board on the eligibility and the options available for individual students, in the fallback programs available at the Faculty.

The Grievance Committee

This committee will be chaired by a senior academic or the Dean of the Faculty (when required) and will function to investigate and provide measures to resolve grievances of both staff and students under the policy guideline provided by the University and the UGC.

The Library Committee

This committee is responsible to assist the Senior Assistant Librarian of the Faculty to formulate policies and regulations for the efficient functioning and the use of the Faculty Library. The committee will also ensure that the resources in the Faculty Library are available for the effective use of all students. Further, the committee is responsible for preparing proposals for development and evaluating the feedback and comments received from students and staff and recommending solutions to the Faculty for resolving any issues.

The Medical Education and Staff Development Unit

The Medical Education and Staff Development Unit (ME and SDU) aims to enable and empower members of the Academic Staff of the Faculty of Medicine in enhancing knowledge, skills and attitudes in developing curricular, student assessment, programme evaluation and medical education research. The ME and SDU provides guidance to students on how to effectively participate in the learning and assessment process. The ME and SDU also organizes 'Lunch Time Talks' once in two weeks, to update the academic staff on different aspects of medical education and workshops to improve the quality of medical education among academic staff of the Faculty.

The Students' Academic Committee

This committee is responsible for providing academic guidance and support to the students. This committee will support students to develop the concept of learning (in contrast to being taught), study skills, critical self-awareness, skills of reflective writing and answering questions. Further, this committee will support the student to build a constructive relationship with the teachers that would be necessary for their academic progress and motivate and help the students in their learning process by providing and encouraging supportive interactions between students, and between staff and students.

The Students' Financial Assistance Scheme Committee

This Committee is responsible to call for applications from students requiring financial assistance and evaluating the applications at the beginning of each calendar year. This committee will also seek out donors, prepare a guideline for the supporting scheme and monitor the recipients' academic performance to ensure that the financial assistance benefits the students' education.

The Web and Social Media Committee

This committee is responsible to ensure that the website of the Faculty of Medicine reflects its vision, mission, and values, and is directly linked with the Web Development Committee of the Sabaragamuwa University of Sri Lanka. The main role of this committee is to share events and activities of the Faculty of Medicine and build a strong image of the Faculty. The Faculty Web Coordinator takes the responsibility of attending to all online needs of the Faculty (i.e. administration and maintenance of the website and the Virtual Learning Environment (VLE); updating events on Facebook and YouTube; coordinating to create University email, VLE accounts, Zoom accounts and other online accounts; assisting in the conduct of online assessment etc.) Instructors, department representatives and student representatives support the Faculty Web Coordinator, and all work as a team to achieve these tasks.

STUDENTS' SOCIETIES

All the students' societies have a President, Secretary and members, and a Senior Treasurer (a member of the Academic Staff). Further information is available on the website www.sab.ac.lk/med

The Aesthetic Society

The Aesthetic Society provides a platform for the students to explore, exhibit and develop their creative skills as a method of obtaining mental relaxation amidst the educational stress. It coordinates all the extra-curricular aesthetic activities of the faculty, collaborating actively with the other student societies. 'Estrellas' is the annual talent show in which the students get the opportunity to showcase their many aesthetic talents like singing, dancing, drama and compering onstage. It also enhances the organizational skills and interpersonal relationships among students, to work as a team for a common goal. Students raise the funds on their own by organizing different fundraising projects prior to the event. Likewise, the 'Christmas Carols' event is organized annually, in collaboration with the Religious Society.

The English Oratory and Debating Society

The English Oratory and Debating Society provides a positive and mutually supportive learning environment in which every individual member is provided with an opportunity to develop skills and confidence in English oriented verbal communication, research, debating, networking and leadership, which would foster self-confidence and personal professional development. Fluency in English not only supplements academic progress but also broadens interactions beyond local boundaries. Learning anything from scratch is always daunting but having fun along the way makes a big difference. With that in mind, extra-curricular activities are hosted and coordinated, with the aim of providing mental relaxation, entertainment, and leisure.

The Nature Society

The aim of the Nature Society is to provide an understanding of interactions between human beings, nature and wildlife, to preserve natural habitats where wildlife thrives, and to protect critical eco-systems. The society provides a great opportunity for medical students to take a break from their stressful life in a meaningful and a mind soothing way. Programmes are conducted to enable participants to educate them-selves as well as to enjoy and provide a service to nature. Some of the programmes which have already been conducted are: tree planting programmes to celebrate the 1st and 2nd anniversaries of the faculty; webinars on World Environment Day and World Ocean Day; field trips and hiking; 'sharamadana' campaigns. The Nature Society won the second place in the Norlanka One Tree Matters Campaign 2021. All lovers of nature are warmly welcome to join.

The Photography Society

The Photography Society aims to provide a platform to the students to understand, explore, exhibit and develop their creative skills as a method of obtaining mental relaxation amidst the stress of following the MBBS program. By covering all the extra-curricular activities and functions of the faculty, the society supports and provides guidance to fellow photographers to improve their skills and enhance their understanding of the art of photography. Membership is open to all students of the Faculty of Medicine, who are interested in learning the art of photography or who wish to improve their skills in photography. In the year 2021 despite the Covid 19 pandemic, the society was able to organize a virtual Vesak Exhibition with the support of the Aesthetic Society and the Religious Society.

The Religious Society

The primary aim of the Religious Society is to ensure spiritual wellbeing for all the students. Buddhist, Christian, Hindu and Islam students, all come under a single umbrella, trying to achieve common objectives by participating in collaborative religious activities, without compromising individual religious identities and beliefs. The Religious Society arranges programmes to celebrate the main religious events.

Buddhist

Vesak Poya day – Pirith Chanting or Dharamadesana and decorating the faculty buildings
Poson Poya day – Dharamadesana

Christian/Catholic

Christmas day - Programme of Christmas Carols and donations for patients

Hindu

Thai Pongal – Cultural Programme

Islam

Ramadan and Eid Ul Fitar celebrations

Special Events

Apart from the main religious event, the Religious Society also arranges special programmes such as Boodhi Pooja, Pirith and Christian/ Catholic blessings.

The Rotaract Club

Rotaract is a global volunteer service organization for youth over 18 years of age, consisting of over 200,000 members from over 180 countries. The Rotaract motto, “Fellowship through Service” commits all Rotaractors to a common cause in serving communities, developing professional qualities of youth and promoting global peace and understanding among all people. The movement entails a series of opportunities for the youth not only to develop their skills and to grow their networks, but also to share their experiences, establish friendships and have fellowship. Through the Rotaract club, the students will volunteer and stand up for matters and concerns which they are passionate about, as Rotaractors as well as medical undergraduates.

The Sports Society

The primary aim of the Sports Society is to provide a platform for the students to exhibit and develop their sporting skills and to develop teamwork as a method of promoting physical, mental and social wellbeing. Facilities are provided for indoor and outdoor sports, both at the main campus and the Faculty of Medicine. Facilities are available for cricket, badminton, swimming, table tennis, chess and carrom. Students can participate at faculty level and inter-university level competitions as well as other sports programs through the Sports Society. The cricket “big match” versus the team of the Faculty of Medicine, Wayamba University of Sri Lanka, for the Thrimawithana Trophy, is an annual event, which is organized by the Sports Society.

The Students’ Welfare Society

The Students’ Welfare Society was established to promote medical students’ welfare providing a student friendly environment addressing not only the academic but also the aesthetic aspects in achieving the ultimate goal of becoming a competent, compassionate, caring undergraduate. The aim of the society is to ensure a good mental and physical environment for the students by promoting the maintenance of standards of the facilities related to the faculty, hostels and the canteen, and by providing financial assistance, if needed. The Students’ Welfare Society was successful in obtaining the most essential facilities such as an Automated Teller Machine, a photocopy center, generator, water boilers in the faculty premises and the hostels, garden benches and street lights for the road to the Faculty.

STUDENTS' CODE OF CONDUCT AND DISCIPLINE

Medical students need to command the respect and trust of the society as medical students as well as when they become responsible health care professionals in the future. Therefore, this 'Students' Code of Conduct' is intended to guide all medical students of the Sabaragamuwa University of Sri Lanka, to conduct themselves according to the accepted norms, standards, and ethics of the society in general and the University Community in particular. Students should login to websites of the Sabaragamuwa University of Sri Lanka (<https://www.sab.ac.lk>) and the Faculty of Medicine, Sabaragamuwa (<https://www.sab.ac.lk/med/>) and be familiar with the By-laws and Regulations pertaining to students' conduct and discipline.

UNIVERSITY STUDENT CHARTER

– RELEASED IN 2012 BY THE UNIVERSITY GRANTS COMMISSION (UGC)

According to this Charter, non-compliance with the university rules and regulations and resorting to disruptive measures leading to break down of law and order of the land and institution, will result in activation of disciplinary procedures within the university as specified in the Student By-laws approved by the Council of the University. According to the law of the land the authorities may hand over the offenders to the law enforcing agency, the police, to be dealt with under the civil or criminal law.

UNETHICAL AND UNLAWFUL ACTIVITIES WHICH ARE PUNISHABLE OFFENCES

1. Plagiarism and Cheating
2. Disorderly conduct, dissent, and protests
3. Disrespect and non-compliance
4. Wrongful utilization of goods, services or information
5. Unauthorized collection of funds
6. Solicitation
7. Smoking
8. Gambling
9. Substance abuse
10. Harassment and Violence
11. Hazing and Ragging
12. Sexual harassment and sexual misconduct
13. Theft
14. Vandalism
15. Unauthorized Entry

OTHER UGC CIRCULARS AND ACTS OF PARLIAMENT - REGARDING STUDENT CONDUCT AND DISCIPLINE

- UGC Commission Circular No. 946 of 2011 – Common Guidelines on Students Discipline
- UGC Commission Circular No. 919 of 2010 – Guidelines to curb the menace of ragging in the Universities and Higher Education Institutes.
- UGC Commission Circular No. 902 of 2008- Accountability of any damages to university property.
- Prohibition of Ragging and other forms of Violence in Educational Institutions Act No. 20 of 1998.

SOME IMPORTANT ASPECTS OF STUDENT CONDUCT AND DISCIPLINE

Student Registration

In accordance with the By-laws and Regulations of the Faculty of Medicine, students are required to register at the commencement of the MBBS degree program and at the beginning of each academic year thereafter.

Student Identity Card

The student identity card issued after the first registration must be worn by the student at all times within the faculty premises and in other institutions when engaged in academic activities. The students must have their student identity card in their possession, to be produced if requested by the University Marshals, Security Officers or Members of the Academic Staff, while within the Faculty or University premises. Inability or refusal to show the student identity card when requested to do so by any of the authorized persons, is a punishable offence according to the By-laws of student discipline.

Security and Safety

The University Marshals and Security Officers are entrusted with maintaining security and safety of the Faculty and its staff and students. The students must not undermine the authority of the University Marshals and the Security Personnel in carrying out their duties, at any time.

Safeguarding the properties and the Environment of the Faculty

It is the duty and the responsibility of the students to protect the properties of the Faculty and its environment and keep it clean and tidy. Students are not permitted to paste posters and notices on the walls of the Faculty. They are expected to display posters and notices on notice boards or on other places designated for that purpose, with the permission of the Dean.

Punctuality and Attendance

Students should be punctual for academic activities including lectures, tutorials, and clinical appointments. A minimum of 80% attendance is required at practicals, tutorials, small group discussions and other defined activities, to be eligible to sit for continuous assessments or end of course assessments.

Students are expected to have 100% attendance for the clinical appointments. Those absenting themselves due to sickness, or any other valid reason should obtain the approval of the supervising consultant. If a medical certificate is submitted, it must be approved by the University Medical Officer.

Dress Code

Students must be well-groomed and dressed in a manner appropriate for the medical profession in the Faculty, at Hospitals and at any other institution they visit for academic purposes.

Recommended dress code for males

Trousers and collared shirts in sober colours

Shoes and socks

Hair cut neatly, and clean shaven or with beard cut neatly

Recommended dress code for females

Blouse or shirt with skirt or dress pants

Saree

Formal footwear

Hair cut short or neatly platted or in a "ponytail" or "bun"

The following are strictly prohibited.

T-shirts, shorts, trousers with extra outside pockets

Caps, sport shoes, rubber slippers

Extreme hair styles and hair colours Revealing clothes.

Full face cover, when participating in any teaching/learning activity and examinations.

Academic Honesty

All students must maintain high standards of academic honesty and integrity. Keeping unauthorized material at examinations, copying at examinations, or plagiarizing the work of others in reports, assignments or theses are strictly prohibited, and violators shall be subjected to disciplinary action. Students must ensure that any work they submit, is their own. Any contributions from others must be duly acknowledged.

Conduct during Clinical Training

Most professionals have inherent risks associated with their work as well as during their training. Medical professionals work with sick persons and perform procedures on them, and are at risk of acquiring infections from the sick as well as having accidental injuries during procedures. During clinical training, it is essential to: observe appropriate hygienic and sterile practices; adopt appropriate universal precautions; acquire appropriate skills to perform the required procedures as well as to safely handle instruments. This would help to minimize the risk of getting infected or injured. During clinical training, refraining from engaging in activities which are integral parts of clinical training, quoting the risks inherent to the profession, is unethical and unprofessional.

Freedom of Expression

Freedom of expression is guaranteed for all students of the Faculty of Medicine. University students have the same rights and privileges as any other citizen of this country. However, it must be emphasised that university students do not have special rights and privileges and that they too are bound by the law of the land, which protects the rights and privileges of all citizens. University students have the right to form opinions and express their views on matters ranging from academic affairs, administrative and welfare issues, social and political issues both local and global, but they must respect and tolerate the opinions and views of others.

Behaviour in disagreement

The diversity of the university community is an asset and not a drawback. In such a diverse community of intelligent people it is not unusual to have disagreements. The behaviour of students in these situations should reflect their intellectual capacity and professionalism. Differences of opinions should be respected and allowed to co-exist for mutual benefit. All issues should be resolved by peaceful means including dialogue, discussion, debate and arbitration. There is absolutely no place for physical force or violence or vandalism.

Gambling, Smoking and Substance Abuse

The following are strictly prohibited within the University premises.

- Gambling and smoking.

- Possession or consumption of alcohol or nicotine or marijuana or heroin or cocaine or methamphetamine or any other illegal substance.

- Illegal use of prescription medications.

Meetings of Students' Societies

Approved student societies shall hold meetings only at the Faculty premises. Prior approval must be obtained, from the Dean, to hold such meetings. A written request, containing the undermentioned details, must be forwarded to the Dean through the Senior Treasurer of the society, at least seven days in advance.

Purpose of the meeting with place, date, time and duration.

Whether any person outside the faculty has been invited for the meeting.

Sponsorships and Collection of Funds

Collection or solicitation of funds or obtaining sponsorship of any activity organized by the students should be pursued only with proper authorization of the Dean or Faculty Board or Vice Chancellor depending on the activity. All letters requesting sponsorship of student activities should be submitted to the Dean for approval. No person or organization, not belonging to the Faculty of Medicine is permitted to solicit funds, hold meetings, distribute leaflets and sell services or goods, at the Faculty premises, unless authorised to do so by the Dean or Faculty Board or Vice-chancellor.

Ragging, Sexual Misconduct and Harassment

Ragging is a criminal offence under the 'Prohibition of Ragging and Other Forms of Violence in Educational Institutions Act, No. 20 of 1998' passed by the Parliament in 1998. In addition, the students are bound by the University Grants Commission (UGC) circulars and the University and Faculty of Medicine By-laws and Regulations on the issue of Ragging and Violence. Students should read this act and other relevant documents by login into the University and Faculty websites and be knowledgeable about the offences which come under this act and the prescribed punishments if found guilty of an offence.

Any act of sexual misconduct or harassment by trying to impose their sexual desires on another person, be it a person of the opposite sex or of the same sex, are offences which will be dealt with according to the procedure laid down for such offences.

Any incident of ragging should be reported immediately to the Dean, Student Counsellors or to any staff member available, by any means available.

Students can directly access the following, and lodge their complaints.

1. "Direct Online Complaint Portal" of the UGC, via www.ugc.lk/rag
2. UGC Hotline numbers 0112-123700 & 0112-123456
3. Send an email to ragginghelp@ugc.ac.lk and helpme@ugc.ac.lk

Procedure to obtain leave of absence from academic activities.

A. Medical Leave

Any student who is unable to attend classes or clinical appointments or sit an examination due to ill health should meet the University Medical Officer (UMO). If the student is too ill to travel, he/she should inform the UMO within 2 days via telephone or letter and submit a medical certificate to the UMO within 3 days of the last date of absence. If the student has been hospitalised, this period could be extended up to 3 weeks of the last date of leave. If necessary, the UMO will arrange a Medical Board to consider the student's request for medical leave.

B. Special Leave

Students who intend to request special leave of absence from academic activities should duly complete the 'Special Leave Application Form' available at the Dean's office (and also available in the Faculty website), and submit it to the Dean with the other supporting documents and recommendations as per the requirements indicated in the application form.

