



UNIVERSITY OF DR.PSJKUMAR



BMLS CURRICULUM 2023-24

SCHOOL OF SCIENCE AND MEDICINE

ABOUT US

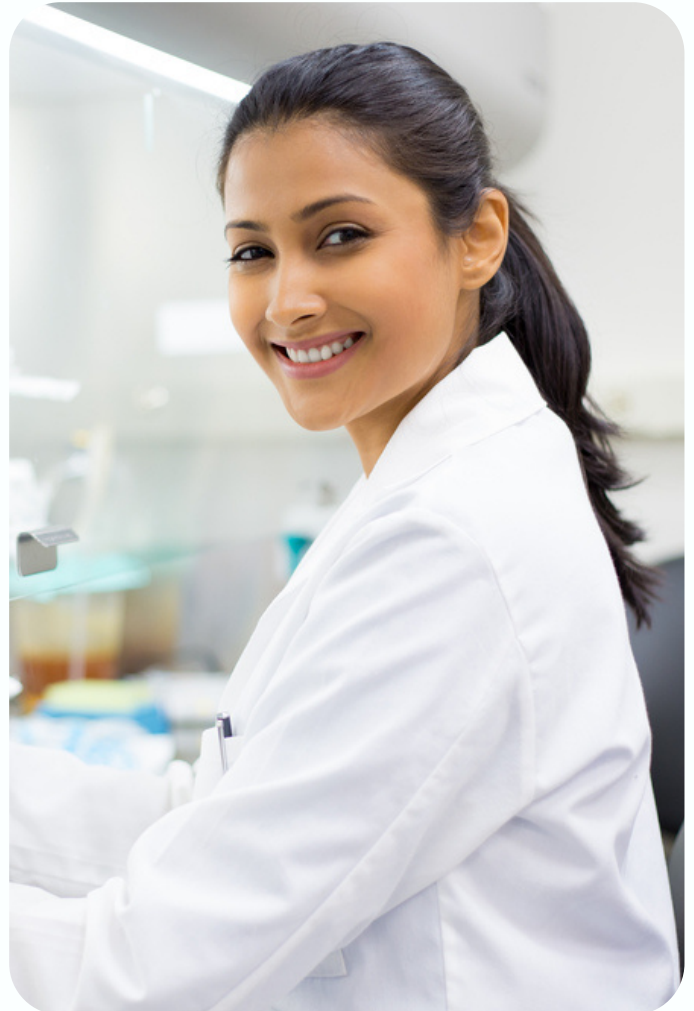
University of Dr.PSJKumar School of Science and Medicine has various programs for diplomas, degrees, masters, and doctorates.

Dr.PSJKumar University's School of Science and Medicine offers massive exposure to its students in the field of medicine, enriching their skills as well as helping them to take visit several hospitals to also practice in the last years of the course. The University has several departments scattered all throughout Florida, United States and Salem, Tamil Nadu, India.

The University is especially popular among International students. The University has franchises around the globe including Queensland, India, Canada, Malaysia, and London.

DEGREE OF BACHELOR OF MEDICAL LABORATORY SCIENCE (BMLS)

The completion of the degree of bachelor of medical laboratory science (BMLS) is ordinarily accomplished in three academic years of regular curriculum plus six months professional training.



THREE YEARS REGULAR CURRICULUM

DEPARTMENT OF PUBLIC HEALTH AND MEDICINE



University of Dr.PSJKumar

FIRST YEAR

The three year curriculum is based on the departmental as well as interdisciplinary teaching. The first year offer the students an opportunity to develop a strong background in basic hematology and to receive an introduction to microbiology. Every academic year consists of two semesters.

SEMESTER I

- General Microbiology
- Human Anatomy and Physiology
- Basic Hematology
- Basics of Biochemistry
- Essential Biology
- Microbiology Laboratory
- Biochemistry Laboratory

SEMESTER II

- Hematological Techniques
- Biochemical Metabolism
- Systematic Bacteriology
- Advanced Clinical Microbiology
- Human Values & Professional Ethics
- Systematic Bacteriology Laboratory
- Biochemical Metabolism Laboratory



SEMESTER I HEMATOLOGY

SEMESTER II MICROBIOLOGY

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sed ncidun u.



SECOND YEAR

The second year offer the students an opportunity to develop a strong background in applied bacteriology and to receive an introduction to analytical biochemistry.

SEMESTER III

Applied Bacteriology
Applied Hematology
Basic Cellular Pathology
Applied Bacteriology Laboratory
Applied Hematology Laboratory

SEMESTER IV

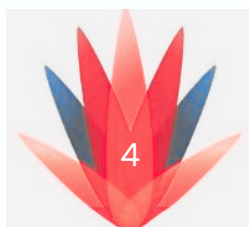
Analytical Biochemistry
Histotechnology
Immunology and Mycology
Analytical Biochemistry Laboratory
Histotechnology Laboratory

The course serves as a transition from basic hematology to experiential medical laboratory techniques. The goal is to help the student acquire the knowledge and skills necessary to participate in the active health analysis of patients in the context of medical lab screening.



SEMESTER III **BACTERIOLOGY**

SEMESTER IV **BIOCHEMISTRY**



THIRD YEAR

The third year offer the students an opportunity to develop a strong background in blood banking and to receive an introduction to advanced clinical practice.

SEMESTER V

Medical Laboratory Management
Parasitology and Virology
Blood Banking
Clinical Biochemistry
Clinical Biochemistry Laboratory

SEMESTER VI

Advanced Clinical Practice
Environmental Sciences
Advanced Hematology
Elective
Dissertation and Viva

The course serves as a transition from medical laboratory techniques to medical laboratory management in contemporary health care settings. The third year course deals with clinical biochemistry, environmental sciences, and advanced hematology.



SEMESTER V **BLOOD BANKING**

SEMESTER VI **DISSERTATION**



SCHOOL OF SCIENCE AND MEDICINE

The school of science and medicine, University of Dr.PSJKumar is recognized by several international organizations, including NMC and WHO. The University is among the top recognized medical schools in United States and India.

FOR ADMISSION CONTACT

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University of Dr.PSJKumar
also offers;

Doctor of Medicine
Doctor of Dental Medicine
Doctor of Optometry
Doctor of Physical Therapy
Doctor of Pharmacy
Doctor of Nursing



FACULTY OF MEDICINE AND HEALTH SCIENCES



University of Dr.PSJKumar

