

Dialysis Technology (3 Years / 6 Semesters) – Sample University Syllabus with Subject Codes

. Dialysis Technology is a skill-based healthcare program that trains students in renal dialysis procedures, patient care, dialysis equipment operation, infection control, and nephrology support services. The curriculum typically combines theory, practical, and hospital internships.

Semester I

Subject Code	Subject Name	Credits
BVDT-101	General Human Anatomy & Physiology-I	4
BVDT-102	General Biochemistry	4
BVDT-103	Introduction to Kidney Disease & Renal Replacement Therapy	3
BVDT-104	Biomedical Waste Management	4
BVDT-105	Fundamentals of Computers	3
BVDT-106	General English & Soft Skills	2
BVDTP-101	Anatomy & Physiology Lab-I	2
BVDTP-102	Biochemistry Lab	2
BVDTP-103	Renal Replacement Therapy Lab	2

Total Credits: 30

Semester II

Subject Code	Subject Name	Credits
BVDT-201	General Human Anatomy & Physiology-II	4
BVDT-202	General Pathology & Microbiology	4
BVDT-203	Principles & Types of Dialysis	3
BVDT-204	Introduction to Patient Safety	3
BVDT-205	Medical Terminology & Record Keeping	3
BVDT-206	Communication Skills-I	3
BVDTP-201	Anatomy & Physiology Lab-II	2
BVDTP-202	Pathology & Microbiology Lab	2
BVDTP-203	Dialysis Procedures Lab	2
Internship-I	Hospital Training	4

Total Credits: 30

Semester III

Subject Code	Subject Name	Credits
BVDT-301	Pharmacology Related to Dialysis Technology	4
BVDT-302	Concepts of Kidney Disease	4
BVDT-303	Applied Dialysis Technology-I	4
BVDT-304	Nephrology & Urology	3
BVDT-305	Infection Control Practices	3
BVDT-306	Financial Literacy	2
BVDTP-301	Applied Dialysis Practical-I	4
BVDTP-302	Clinical Posting-I	4

Total Credits: 28

Semester IV

Subject Code	Subject Name	Credits
BVDT-401	Dialysis Equipment & Maintenance	4
BVDT-402	Patient Care Management	4
BVDT-403	Applied Dialysis Technology-II	4
BVDT-404	Organizational Behavior	3
BVDT-405	Basics of Accounting	3
BVDTP-401	Dialysis Equipment Practical	4
BVDTP-402	Clinical Posting-II	4

Total Credits: 26

Semester V

Subject Code	Subject Name	Credits
BVDT-501	Applied Dialysis Technology-III	4
BVDT-502	Clinical Dialysis-I	4
BVDT-503	Renal Nutrition	3

Subject Code	Subject Name	Credits
BVDT-504	Basics of Economics & Healthcare Market	3
BVDT-505	Health & Fitness	2
BVDTP-501	Clinical Dialysis Practical-I	4
BVDTP-502	Internship-II	6

Total Credits: 26

Semester VI

Subject Code	Subject Name	Credits
BVDT-601	Advanced Dialysis Technology	4
BVDT-602	Clinical Dialysis-II	4
BVDT-603	Dialysis Instrumentation	4
BVDT-604	Entrepreneurship Development	3
BVDT-605	Employment Readiness Skills	3
BVDTP-601	Clinical Dialysis Practical-II	4
BVDTP-602	Major Project & Internship	8