

It is requested that all communication should be addressed to The Registrar, Thiruvalluvar University and not to any person

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திருவள்ளூர் பல்கலைக்கழகம்
THIRUVALLUVAR UNIVERSITY
(NAAC Accreditation 'B+' Grade)
(State University)
SERKKADU, VELLORE – 632 115

Dr. J. SENTHIL VELMURUGAN, Ph.D.,
REGISTRAR

Ref.: TVU/R/2025/Rev. Syllabus/UG Bio-chem/ 2024

Date : 29.08.25

To

1. The Controller of Examination, Thiruvalluvar University, Serkkadu
2. The Principals of all the Arts & Science College,
Affiliated to Thiruvalluvar University, Serkkadu.

Sir / Madam,

Sub: Thiruvalluvar University– Board of Studies – Revised Syllabus for 5th and 6th Semester – B. Sc. Biochemistry and B. Sc. Zoology - Forward – Reg.

- Ref.
1. Email from the Chairman (UG), Board of Studies in Bio Chemistry, Thiruvalluvar University, Serkkadu, dated on 17.06.2025
 2. Email from the Chairman (UG), Board of Studies in Zoology, Thiruvalluvar University, Serkkadu, dated on 27.08.2025

With reference to the letter submitted by Chairman Board of Studies ,Bio Chemistry (UG) and Chairman Board of Studies ,Zoology (UG), I am by forwarding revised syllabus for B. Sc. Biochemistry and B. Sc. Zoology for the 5th & 6th Semester for implementation from the academic year 2025–26.

B. Sc. Bio Chemistry (5th Sem) – 2023- 2024 Regulation (Revised Table)

Part	Course Category	Course	Credit Distribution				Over all Credits	Total hours	Marks		
			L	T	P	S			CIA	ESE	Total
Part 3	Core Paper 9	Enzymes	3	1	0	0	4	6	25	75	100
	Core Paper 10	Intermediary Metabolism	3	1	0		4	5	25	75	100
	Core Paper 11	Medical Lab technology	3	1	0	0	4	5	25	75	100
	Elective	1A- Medical Lab technology Practical	0	0	3	0	3	4	25	75	100
	Elective	Physiology	3	1	0	0	3	3	25	75	100
	Core paper 12	Project Viva Voce					4	5	25	75	100
Part 4	Value Education		1	1	0	0	2	2	25	75	100
	Internship / Industrial visit/Field visit		0	1	1	0	2	-	25	75	100
Total							26	30			

B. Sc. Bio Chemistry (6th Sem) – 2023- 2024 Regulation (Revised Table)

Part	Course Category	Course	Credit Distribution				Overall Credits	Total hours	Marks		
			L	T	P	S			CIA	ESE	Total
Part 3	Core Paper 13	Molecular Biology	3	1	0	0	3	6	25	75	100
	Core Paper 14	Clinical Biochemistry	3	1	0	0	3	4	25	75	100
		Core Practical V- Clinical Biochemistry	0	0	4	0	2	3	25	75	100
	Core Paper 15	Biotechnology	3	1	0	0	4	5	25	75	100
	E7:	2A-Medical Coding	2	1	0	0	3	5	25	75	100
	E8:	Immunology (or) Basics of Forensic Science					3	5			
Part 4	Extension activity						1	0			
	Professional Competency Skill						2	2			
Total							21	30			

B. Sc. Zoology (5th Sem) – 2023- 2024 Regulation (Revised Table)

Part	SEMESTER V					CIA	Uni. Exam	Total
III	Core Theory	Paper-VIII	3	3	Evolutionary biology	25	75	100
III	Core Theory	Paper-IX	4	3	Animal physiology	25	75	100
III	Core Theory	Paper-X	4	4	Environmental biology	25	75	100
III	Core lab course	Practical-IV	2	1	Animal Physiology and Developmental biology lab course	25	75	100
III	Core lab course	Practical-V	2	1	Environmental biology and toxicology lab course	25	75	100
IV	Discipline specific elective	Elective-2	4	3	1. Animal behaviour 2. Nanobiology 3. Human reproductive biology. 4. Agricultural entomology 5. Food, Nutrition and health (To choose any one)	25	75	100
IV	Discipline specific elective	Elective-3	4	3	1. Animal behaviour 2. Nanobiology 3. Human reproductive biology. 4. Agricultural entomology 5. Food, Nutrition and health (To choose any one)	25	75	100

