

**TAMIL NADU TEACHERS EDUCATION UNIVERSITY**

**CHENNAI - 600 097**

**INTEGRATED B.Sc.B.Ed. PROGRAMME**

**I - YEAR**

**NON - SEMESTER STRUCTURE**

I YEAR

**STRUCTURE OF FOUR YEAR INTEGRATED PROGRAMME B.Sc.B.Ed.  
MATHEMATICS**

**NON - SEMESTER**

**I YEAR**

Part	Study Components – Course Title	Teaching Hours	Exam Hrs	Max. Marks		Total
				Int	Ext	
I	General Tamil – I	100	3	25	75	100
II	General Tamil - II	100	3	25	75	100
II	General English	100	3	25	75	100
II	Functional English	100	3	25	75	100
III	Core Paper – I Calculus	120	3	25	75	100
III	Core Paper – II Classical Algebra	120	3	25	75	100
III	Core Paper – III Differential Equations with Laplace Transform	120	3	25	75	100
III	Core Paper – IV Analytical Geometry (3d) and Vector Calculus	120	3	25	75	100
III	Core Paper - V Sequences and Series	120	3	25	75	100
III	Core Paper - VI Programming in C	120	3	25	75	100
IV	Childhood & Growing up	100	3	25	75	100
IV	Language Across the Curriculum & Understanding Disciplines and Subjects	100	3	25	75	100
IV	EPC 1 – Reading and Reflecting on texts	30	--	50	--	50
	<b>Total</b>	<b>1350</b>				<b>1250</b>

**STRUCTURE OF FOUR YEAR INTEGRATED PROGRAMME B.Sc.B.Ed  
PHYSICAL SCIENCE (PHYSICS)**

**NON - SEMESTER**

**I YEAR**

Part	Study Components – Course Title	Teaching Hours	Exam Hrs.	MAX MARKS		TOTAL
				INT	EXT	
I	General Tamil-I	100	3	25	75	100
I	General Tamil-II	100	3	25	75	100
II	General English	100	3	25	75	100
II	Functional English	100	3	25	75	100
III	Core Paper – I Mechanics, Properties of matter and sound	120	3	25	75	100
III	Core Paper – II Thermal Physics and Statistical Methods	120	3	25	75	100
III	Extensible Learning Physics -I	120	3	25	75	100
III	Core Practical -I	120	3	40	60	100
III	Allied Maths - I	120	3	25	75	100
III	Allied Maths - II	120	3	25	75	100
IV	Childhood & Growing up	100	3	25	75	100
IV	Language Across the Curriculum & Understanding Disciplines and Subjects	100	3	25	75	100
IV	EPC 1 – Reading and Reflecting on texts	30	--	50	--	50
	<b>Total</b>	<b>1350</b>				<b>1250</b>

I YEAR

**STRUCTURE OF FOUR YEAR INTEGRATED PROGRAMME B.Sc.B.Ed.  
PHYSICAL SCIENCE (CHEMISTRY)**

**NON - SEMESTER**

**I YEAR**

Part	Study Components – Course Title	Teaching Hours	Exam Hrs	MAX MARKS		TOTAL
				INT	EXT	
<b>I</b>	General Tamil-I	100	3	25	75	100
<b>I</b>	General Tamil-II	100	3	25	75	100
<b>II</b>	General English	100	3	25	75	100
<b>II</b>	Functional English	100	3	25	75	100
<b>III</b>	Core Paper – I – Inorganic, Organic and Physical Chemistry –I	120	3	25	75	100
<b>III</b>	Core paper II - Inorganic, Organic and Physical Chemistry –II	120	3	25	75	100
<b>III</b>	Chemistry for School Education	120	3	25	75	100
<b>III</b>	Core Practical-I	120	3	40	60	100
<b>III</b>	Allied Maths – I / Allied Zoology	120	3	25	75	100
<b>III</b>	Allied Maths – II / Allied Zoology Practical	120	3	25/40	75/60	100
<b>IV</b>	Childhood & Growing up Part	100	3	25	75	100
<b>IV</b>	Language Across the Curriculum & Understanding Disciplines and Subjects	100	3	25	75	100
<b>IV</b>	EPC 1 – Reading and Reflecting on texts	30	--	50	--	50
	Total	<b>1350</b>				<b>1250</b>

I YEAR

**STRUCTURE OF FOUR YEAR INTEGRATED PROGRAMME B.Sc.B.Ed.  
BIOLOGICAL SCIENCE (BOTANY)**

**NON – SEMESTER**

**I YEAR**

Part	Study Components – Course Title	Teaching Hours	Exam Hrs	Max. Marks		Total
				Int	Ext	
I	General Tamil – I	100	3	25	75	100
II	General Tamil – II	100	3	25	75	100
II	General English	100	3	25	75	100
II	Functional English	100	3	25	75	100
III	Core Paper-I Biodiversity- I : Algae, Fungi, Lichens And Bryophytes	100	3	25	75	100
III	Core Paper-II Bio basics I- Botany	120	3	25	75	100
III	Core Paper-III Biodiversity- II- Pteridophytes, Gymnosperms And Paleo Botany	100	3	25	75	100
III	Core Practical I	100	3	40	60	100
III	Allied Zoology	200	3	25	75	100
III	Allied Zoology Practical	100	3	40	60	100
IV	Childhood & Growing up	100	3	25	75	100
IV	Language Across the Curriculum & Understanding Disciplines and Subjects	100	3	25	75	100
IV	EPC 1 – Reading and Reflecting on texts	30	--	50	--	50
	<b>Total</b>	<b>1350</b>				<b>1250</b>

I YEAR

**STRUCTURE OF FOUR YEAR INTEGRATED PROGRAMME B.Sc.B.Ed.  
BIOLOGICAL SCIENCE (ZOOLOGY)**

**NON – SEMESTER**

**I YEAR**

Part	Study Components – Course Title	Teaching Hours	Exam Hrs	MAX MARKS		TOTAL
				INT	EXT	
I	General Tamil-I	100	3	25	75	100
I	General Tamil-II	100	3	25	75	100
II	General English	100	3	25	75	100
II	Functional English	100	3	25	75	100
III	Core Paper – I Invertebrata	100	3	25	75	100
III	Core Paper – II Chordata	100	3	25	75	100
III	Core Practical- I	100	3	40	60	100
III	Basic Zoology	120	3	25	75	100
III	Allied Botany	200	3	25	75	100
III	Allied Botany Practicals	100	3	40	60	100
IV	Childhood & Growing up	100	3	25	75	100
IV	Language Across the Curriculum & Understanding Disciplines and Subjects	100	3	25	75	100
IV	EPC 1 – Reading and Reflecting on texts	30	--	50	--	50
	<b>Total</b>	<b>1350</b>				<b>1250</b>

I YEAR