

**(Abstract)**

B.Sc. Zoology programme Under Choice Based Credit and Semester System- Complementary Elective Course "Biological Techniques"-included in the 1st, 2nd , 3rd and 4th Semesters - with effect from 2019 admission-modified- approved-orders issued

**ACADEMIC C SECTION**

Acad/C2/12649/2019

Dated: 11.10.2019

Read:-1.U.O No. Acad/C2/2649/2019 dated dated 22/06/2019

2. Letter from the Chairman, Board of Studies in Zoology(U.G.), dated 25/09/2019

**ORDER**

1. As per U.O read (1) above, the scheme, syllabus & Model Question papers for Core, Complementary and Open Courses of B.Sc. Zoology programme under Choice Based Credit and Semester System were implemented in the University w.e.f 2019 admission [OBE].
2. Meanwhile,as per the paper read (2) above, the Chairman, Board of Studies in Zoology (U.G.) requested to add one more Elective Course, i.e.,"Biological Techniques",besides Botany,under Complementary Elective II,which was inadvertently omitted during the preparation of the Syllabus,as per the Chairman.
3. After having considered the matter in detail,the following orders are issued,as approved by the Vice-Chancellor.
4. "Biological Techniques" is also included under Complementary Elective II in the first,second,third and fourth Semesters of the B.Sc.Zoology programme,in addition to 'Botany',under Choice Based Credit and Semester System,w.e.f.2019 admission.
5. The modified pages of scheme and syllabus are uploaded on the University website.
6. U.O read (1) above, stands modified to this extent.
7. Orders are, therefore, issued accordingly.

For more details: visit [www.kannuruniversity.ac.in](http://www.kannuruniversity.ac.in)

Sd/-

**BALACHANDRAN V K**

**DEPUTY REGISTRAR (ACAD)**

For REGISTRAR

To: 1.The Principals of Colleges, offering B.Sc.Zoology programme  
2. Examination Branch (through PA to CE)

Copy To: 1. PS to VC/ PA to PVC/ PA to Registrar  
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**SECTION OFFICER**

**BSc ZOOLOGY PROGRAMME**

**WORK AND CREDIT DISTRIBUTION STATEMENT**

Semester	Course Title	Credits	Hours per week	Total Credits	Total Hours
I	English Common Course 1	4	5	18	25
	English Common Course 2	3	4		
	Additional Common Course 1	4	4		
	Core Course 1: Protista and Non Chordata I	3	2 + 2		
	Complementary Elective I - Chemistry 1	2	2 + 2		
	Complementary Elective II - Botany/Biological Techniques 1	2	2 + 2		
II	English Common Course 3	4	5	18	25
	English Common Course 4	3	4		
	Additional Common Course 2	4	4		
	Core Course 2: Non Chordata II	3	2 + 2		
	Complementary Elective I - Chemistry 2	2	2 + 2		
	Complementary Elective II - Botany / Biological Techniques 2	2	2 + 2		
III	English Common Course 5	4	5	15	25
	Additional Common Course 3	4	5		
	Core Course 3: Chordata I	3	3 + 2		
	Complementary Elective I – Chemistry 3	2	3 + 2		
	Complementary Elective II - Botany/Biological Techniques 3	2	3 + 2		
IV	English Common Course 6	4	5	27	25
	Additional Common Course 4	4	5		
	Core Course 4- Chordata II and Comparative Anatomy	3	3 + 2		
	Complementary Elective I - Chemistry 4	2	3 + 2		
	Complementary Elective II - Botany/Biological Techniques 4	2	3 + 2		
	Core Course Practical 1	4			
	Compulsory Complementary Elective Practical	4			
	Additional Complementary Elective Practical	4			
V	Evolution, Ethology and Research Methodology	4	4+2	17	25
	Animal Physiology	4	4+2		
	Biochemistry and Biophysics	4	4+2		
	Genetics	3	3+2		
	Generic Elective/Open Course	2	2		
VI	Cell Biology, Immunology and Microbiology	4	4+2	25	25
	Molecular Biology and Bioinformatics	4	4+2		
	Environmental Science	4	4+2		
	Developmental Biology	3	3+2		
	Core Practical II	4			
	Core Practical III & Field study	4			
	Project	2	2		
Total				120	150

**CREDIT DISTRIBUTION (B.Sc. Zoology)**

Semester	Common		Core	Complementary		GEC (Open)	Total
	English	Additional	Zoology	Chemistry	Botany / Biological Techniques		
I	4+3	4	3	2	2		20
II	4+3	4	3	2	2		20
III	4	4	3	2	2		17
IV	4	4	3+4	2+4	2+4		21
V			4+4+4+3			2	17
VI			4+4+4+3 +4+4+2				25
<b>Total</b>	<b>22</b>	<b>16</b>	<b>56</b>	<b>12</b>	<b>12</b>	<b>2</b>	<b>120</b>

**Scheme of mark distribution (BSc.Zoology)**

Courses		No.of Courses	Marks per Course	Total Marks
Common	English	6	50	300
	Addl.language	4	50	200
Complementary	Chemistry	5 (4 theory + 1 practical)	40	200
	Botany /Biological Techniques	5 (4 theory + 1 practical)	40	200
Core	Theory	12	50	600
	Practical + Field study	3	75 +75 + (75 + 15)	240
	Project	-	35	35
	GEC (Open course)	1	25	25
<b>Total</b>				<b>1800</b>