



UNIVERSITY OF JAMMU

(NAAC ACCREDITED 'A' GRADE' UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

Academic Section

Email: academicsectionju14@gmail.com

NOTIFICATION (22/Sept./Adp/21)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the Academic Council, is pleased to authorize the adoption of the Syllabi and Courses of Study in the subject of **Zoology** of Semesters Ist and IInd for **Four Year Under Graduate Programme** under the **Choice Based Credit System** as per NEP-2020 (as given in the annexure) for the examinations to be held in the years as per the details given below:

Subject	Semester	for the examination to be held in the years
Zoology	Semester-I	December 2022, 2023 and 2024
	Semester-II	May 2023, 2024 and 2025

The Syllabi of the courses is available on the University website: www.jammuuniversity.ac.in

Sd/-
DEAN ACADEMIC AFFAIRS

No. F. Acd/II/22/5506-5550.

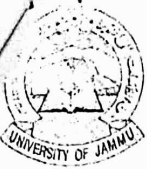
Dated: 18-09-2022

Copy for information and necessary action to:

1. Special Secretary to the Vice-Chancellor, University of Jammu for information of Hon'ble Vice-Chancellor
- ✓ 2. Dean, Faculty of Life Science
3. HOD/Convener, Board of Studies in Zoology
4. Sr. P.A. to the Controller of Examinations
5. All members of the Board of Studies
6. Confidential Assistant to the Controller of Examinations
7. I/C Director, Computer Centre, University of Jammu
8. Deputy Registrar/Asst. Registrar (Conf. /Exams. UG/ Exam Eval Non-Prof/CDC)
9. Incharge, University Website for Uploading of the notification.

Sumita Sharma
Deputy Registrar (Academic) 15/9/22

Sumita Sharma
15/9/22



UNIVERSITY OF JAMMU

(NAAC ACCREDITED 'A' GRADE' UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

No.F.Acd/II/22/5466-5505
Dated : 18-9-2022

HOD/Convenor
Board of Studies
in Zoology.

Subject: - Minutes of the Meeting of Board of Studies in Zoology in the Faculty of Life Science

Sir/Madam,

Please find enclosed herewith the copy of the minutes of the meeting of the Board of Studies in Zoology in the faculty of Life Science held on 12.08.2022 duly approved by the Vice-Chancellor for your information and further necessary action.

The Minutes of the Board of Studies in Zoology is available on the University website:
www.jammuuniversity.ac.in

Thanking you,

Yours Faithfully,

Sumitasharma
Deputy Registrar (Academic) 14/9/22

13/9 14/9/22

Copy to:-

1. C.A to Controller of Examinations
2. Assistant Registrar (Confidential)

Minutes of the meeting of Board of studies in Zoology held on 12-08-2022 held at 11.00 a.m. in the office chamber of the H.O.D. Zoology, University of Jammu.

Members Present:

1. Prof. Seema Langer (Convener & HOD)
2. Dr. Shiv Kumar, GDC Basohli
3. Dr. Sanjeet Kour GCW Udhampur
4. Mr. Brinder Kumar, GDC Ramnagar
5. Mr. Lekh Raj, GDC Billawar
6. Mr. Ashwani Kumar GDC Bhaderwah
7. Dr. Sushma Sharma, GDC Samba
8. Dr. Tasleem, GDC Khour
9. Ms. Neeru Dhalla, GDC Akhnoor
10. Mr. Satish kumar, GDC (Boys) Udhampur
11. Dr. Preetpal Kour, Govt. Degree College, R.S. Pura
12. Dr. Shamim Akhtar, GDC Rajouri
13. Ms. Meenu Sadhotra, GDCW Kathua
14. Raheela Mushtaq, GDC Thannamandi
15. Dr. Sheetu Raina, GDC Bishnah
16. Dr. Wahied Khawar Balwan GDC Kilhotran
17. Mr. Bal Krishan, Asstt. Prof. GDC Ramban
18. Dr. Surya Partap Singh, Asstt. Prof., GDC Kathua
19. Dr. Sharshad Hussain, Assoc. Prof., GDC Surankote
20. Dr. Ajaz Ahmed, GDC Doda
21. Dr. Farooq Ahmed, GDC Poonch
22. Mr. Manjot Singh, Asstt. Prof. GDC Hiranagar

Item No. 1: To confirm the minutes of the Board of Studies in Sericulture held on 21.06.2021, already circulated.

Resolution : The Convenor Board of Studies welcomed the members of Board of Studies and the minutes of meeting of Board of Studies in Sericulture held on 21.06.2021, already circulated was also confirmed.

Item No. 2: To discuss the matter w.r.t. curriculum reform as per National Education Policy – 2022 at Under Graduate Level and Post Graduate Level.



UNIVERSITY OF JAMMU

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

NOTIFICATION (22/Sept./Cont./14)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the Academic Council, is pleased to authorize the Continuation of the existing Syllabi and Courses of Study in the subject of Zoology for semesters Ist, IInd, IIIrd, IVth, Vth and VIth under the Choice Based Credit System at the Undergraduate Level for the Failure and Re-appear Candidates for the examinations to be held in the years as per the details given below:

Subject	Semester	for the examination to be held in the years
Zoology	Semester-I	December 2022, 2023 and 2024
	Semester-II	May 2023, 2024 and 2025
	Semester-III	December 2023, 2024 and 2025
	Semester-IV	May 2024, 2025 and 2026
	Semester-V	December 2024, 2025 and 2026
	Semester-VI	May 2025, 2026 and 2027

The Syllabi of the courses is available on the University website:
www.jammuniversity.in

Sd/-
DEAN ACADEMIC AFFAIRS

No. F.Acd/II/22/5426-5465

Dated: 18-9-2022

Copy to:

- 1) Dean, Faculty of Life Science
- ✓ 2) HOD/Convener, Board of Studies in Zoology
- 3) All members of the Board of Studies
- 4) Confidential Assistant to the Controller of Examinations
- 5) I/C Director, Computer Centre, University of Jammu
- 6) Asst. Registrar (Conf./Exams. UG/ Eval. Non-Prof.)
- 7) Incharge University Website for necessary action please

Sumita Sharma
15/9/22
Deputy Registrar (Academic)

15/9/22

Minutes of the meeting of Board of Studies in Zoology held on 21.06.2021 through online mode

Members Present:

1. Prof. Seema Langer (Convener & HOD)
2. Dr. Arti Sharma, Dept. of Zoology, Jammu University
3. Dr. Parvinder Kumar, Dept. of Zoology, Jammu University
4. Dr. Sarbjeet Kour, Dept. of Zoology, Jammu University
5. Dr. Rakesh Kumar, Dept. of Zoology, Jammu University
6. Dr. Samriti Aggarwal, Department of Zoology, Govt. Degree College, Reasi Present
7. Dr. Preetpal Kour, Department of Zoology, Government Degree College, R.S.Pura Present
8. Dr. Sarshad Hussain, Government Degree College, Surankot Present
9. Prof. Farooq Ahmed, Govt. Degree College, Poonch Present
10. Dr. Saleem Ayaz, Government Degree College, Mehndār Present
11. Dr. Sushma Shama, Government Degree College, Samba Present
12. Dr. Ajaz Ahmad Wani, Government Degree College, Doda Present
13. Dr. Shamim Akhter, Government Degree College, Rajouri Present
14. Prof. Rahila Mushtaq, Government Degree College, Thanamandi Present
15. Prof. Bal Krishan, Government Degree College, Ramban Present
16. Dr. Manjot Singh, Government Degree College, Hiranagar Present
17. Prof. Neeru Dholla, Government Degree College, Akhnoor Present
18. Dr. Sumita Rao, Government Degree College, Udampur Present

Item No. 1: To confirm the minutes of the Board of Studies in Zoology held on 30.10.2018, already circulated.

The Convenor Board of Studies welcomed the members of Board of Studies and the minutes of meeting of Board of Studies in Zoology held on 30.10.2018, already circulated was also confirmed.

Minutes of the meeting of Board of Studies in Zoology held on 21.06.2021 through online mode

Members Present:

1. Prof. Seema Langer (Convener & HOD)
2. Dr. Arti Sharma, Dept. of Zoology, Jammu University
3. Dr. Parvinder Kumar, Dept. of Zoology, Jammu University
4. Dr. Sarbjeet Kour, Dept. of Zoology, Jammu University
5. Dr. Rakesh Kumar, Dept. of Zoology, Jammu University
6. Dr. Samriti Aggarwal, Department of Zoology, Govt. Degree College, Reasi
7. Dr. Preetpal Kour, Department of Zoology, Government Degree College, R.S.Pura
8. Dr. Sarshad Hussain, Government Degree College, Surankot
9. Prof. Farooq Ahmed, Govt. Degree College, Poonch
10. Dr. Saleem Ayaz, Government Degree College, Mehndār
11. Dr. Sushma Shama, Government Degree College, Samba
12. Dr. Ajaz Ahmad Wani, Government Degree College, Doda
13. Dr. Shamim Akhter, Government Degree College, Rajouri
14. Prof. Rahila Mushtaq, Government Degree College, Thanamandi
15. Prof. Bal Krishan, Government Degree College, Ramban
16. Dr. Manjot Singh, Government Degree College, Hiranagar
17. Prof. Neeru Dholla, Government Degree College, Akhnour
18. Dr. Sumita Rao, Government Degree College, Udhampur

Present

Present

Present

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Present

Item No. 1: To confirm the minutes of the Board of Studies in Zoology held on 30.10.2018, already circulated.

The Convenor Board of Studies welcomed the members of Board of Studies and the minutes of meeting of Board of Studies in Zoology held on 30.10.2018, already circulated was also confirmed.

Item No. 2: To revise/update the syllabi and courses of studies in the subject of Zoology of Master Degree Programme for Semesters 1st to VIth under the Curriculum Reforms of RUSA 2.) from the Academic session 2021-2022

Members revised/updated the syllabi and courses of studies in the subject of Zoology of Master Degree Programme for Semesters 1st to VIth under the Curriculum Reforms of RUSA 2.) from the Academic session 2021-2022

Item No. 3: To review the syllabi and courses of Studies in the subject of Zoology for semesters 1st to VIth under the **Choice Based Credit System** at Undergraduate level for the examination to be held in the year mention below:

Zoology

Semester-III	December 2021, 2022 and 2023
Semester-IV	May 2022, 2023 and 2024
Semester-V	December 2022, 2023 and 2024
Semester-VI	May 2023, 2024 and 2025

Members reviewed the syllabi and courses of Studies in the subject of Zoology for semesters 1st to VIth under the **Choice Based Credit System** at Undergraduate level for the examination to be held in the year mention below and resolved the same to be continued:

Zoology

Semester-III	December 2021, 2022 and 2023
Semester-IV	May 2022, 2023 and 2024
Semester-V	December 2022, 2023 and 2024
Semester-VI	May 2023, 2024 and 2025


Item No.4: To indicate the %age of change in the syllabi and courses of study mention in item No.2 on each Papers/Course No.

%age of change has been indicated against each course number /paper on the Index page of syllabus.

Item No.5: To prepare a panel of paper setters/ examiners to be sent to the Controller of Examinations, University of Jammu

Members also authorized the convener, Board of Studies in Zoology to prepare a panel of examiners for paper setting and onward transmission to the controller of Examination for further necessary action.

The meeting terminated with a vote of thanks to the chair.


(Prof. Seema Langer)
Convener,
BOS in Zoology

UNIVERSITY OF JAMMU
COURSE STRUCTURE FOR MASTERS DEGREE PROGRAMME
IN ZOOLOGY

The Courses of study prescribed for 1st to 4th semesters/ Master's Degree Programme under
CBCS in the subject of Zoology (Session 2021-23)

Semester	Course Code	Course Title	Credits	Nature of Course	% of Change
I	PSZOTC-101	Ecology & Environmental Biology	4	CORE	20 %
	PSZOTC-102	Fundamentals of Genetics	4	CORE	25 %
	PSZOTC-103	Ichthyology	4	CORE	10 %
	PSZOTC-104	Immunology	2	CORE	35 % (Newly introduced)
	PSZOTC-105	An Introduction to Insect Diversity	2	CORE	30 %
	PSZOPC-106	Lab Course -I	4	PRACTICAL	25 %
	PSZOPC-107	Lab Course -II	4	PRACTICAL	30 %
	Total credits		24		
	PSZOPC-106 Based on Theory Course No.101 & 103 PSZOPC-107 Based on Theory Course No.102, 104 & 105				
II	PSZOTC-201	Cell Biology & Research Instrumentation	4	CORE	30 %
	PSZOTC-202	Functional Anatomy of Animals	4	CORE	10 %
	PSZOTC-203	Basic Endocrinology	4	CORE	15 %
	PSZOTC-204	Biotechnology	2	CORE	25%
	PSZOTC-205	Biodiversity, Conservation & Management	2	CORE	50% Newly introduced
	PSZOPC-206	Lab Course -I	4	PRACTICAL	30%
	PSZOPC-207	Lab Course -II	4	PRACTICAL	25%
	Total credits		24		
	PSZOPC-206 Based on Theory Course No.201 & 203, PSZOPC-207 Based on Theory Course No.202, 204 & 205				
III	PSZOTC-301	Animal Physiology	4	CORE	10 %
	PSZOTC-302	Fundamentals of Biochemistry	4	CORE	10%
	PSZOTC-303	Biosystematics, Taxonomy & Evolution	4	CORE	10%
	PSZOTO-304	*Economic ZoologySWAYAM MOOC	4	OPEN/MOOC	New introduction
	PSZOPC-305	Lab Course -I	4	PRACTICAL	30 %
	PSZOPC-306	Lab Course -II	4	PRACTICAL	25 %
	Total credits		24		
PSZOPC-305 Based on Theory Course No.301 PSZOPC-306 Based on Theory Course No.302 & 303					
IV	PSZOTC-401	Reproductive & Developmental Biology	4	CORE	10 %
	PSZOTC-402	Aquaculture	2	CORE	50 % (Newly introduced)
	PSZOTC-403	Microbiology	2	CORE	30 %
	Any one of the following elective courses				
	PSZOTE-404	Limnology	4	ELECTIVE	30%
	PSZOTE-405	Fish & fisheries	4	ELECTIVE	30%
	PSZOTE-406	Molecular Genetics & Cytogenetics	4	ELECTIVE	30%
	PSZOTE-407	Entomology	4	ELECTIVE	
	PSZOTO-408	*Biological Anthropology	4	OPEN	
	PSZOPC-409	Lab Course -I	4	PRACTICAL	40 %
	PSZOPC-410	Lab Course -II	4	PRACTICAL	25 %
	Total credits		24		
PSZOPC-409 Based on Theory Course No.401, 402 & 403 PSZOPC-410 Based on Theory Course No.404/405/406/407					
Total credits earned by the students			96		

*For students of other Departments.

DAC members

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(Head of the Department)

Minutes of the meeting of Board of Studies in Zoology held on 30.10.2018 at 11.00 a.m. in the office chamber of the H.O.D. Zoology, University of Jammu.

Members Present:

1. Prof. Seema Langer (Convener & HOD)
2. Prof. Roopma Gandotra, Dept. of Zoology, Jammu University
3. Prof. Chander Shekhar, H.O.D. Zoology, Govt. Degree College, Akhnoor
4. Dr. P. Bambroo, HOD Zoology, Government Degree College, Hiranagar
5. Prof. Umesh Kailoo, Government Degree College (Women), Kathua
6. Dr. Ram Krishan, Government Degree College (Boys), Kathua
7. Dr. Dharvinder Kumar, Government Degree College, R.S. Pura
8. Dr. Mangat Ram Sharma, Government Degree College, Rajouri
9. Dr. Mohd. Azam, Government Degree College, Poonch
10. Dr. Sarshad Hussain, Government Degree College, Mendhar
11. Dr. Ajaz Ahmad Wani, Government Degree College, Doda
12. Dr. Saleem Ayaz, Government Degree College, Thanamandi
13. Dr. Imtiaz Shahid, Government Degree College (Boys), Udhampur
14. Dr. Arti Sharma, Dept. of Zoology, Jammu University (Spl. Invitee)

Item No. 1: To confirm the minutes of the Board of Studies in Zoology held on 11.05.2018, already circulated.

The Convenor Board of Studies welcomed the members of Board of Studies and the minutes of meeting of Board of Studies in Zoology held on 11.05.2018, already circulated was also confirmed.

Minutes of the meeting of Board of Studies in Zoology held on 30.10.2018 at 11.00 a.m. in the office chamber of the H.O.D. Zoology, University of Jammu.

Members Present:

1. Prof. Seema Langer (Convener & HOD)
2. Prof. Roopma Gandotra, Dept. of Zoology, Jammu University
3. Prof. Chander Shekhar, H.O.D. Zoology, Govt. Degree College, Akhnoor
4. Dr. P. Bambroo, HOD Zoology, Government Degree College, Hiranagar
5. Prof. Umesh Kailoo, Government Degree College (Women), Kathua
6. Dr. Ram Krishan, Government Degree College (Boys), Kathua
7. Dr. Dharvinder Kumar, Government Degree College, R.S. Pura
8. Dr. Mangat Ram Sharma, Government Degree College, Rajouri
9. Dr. Mohd. Azam, Government Degree College, Poonch
10. Dr. Sarshad Hussain, Government Degree College, Mendhar
11. Dr. Ajaz Ahmad Wani, Government Degree College, Doda
12. Dr. Saleem Ayaz, Government Degree College, Thanamandi
13. Dr. Imtiaz Shahid, Government Degree College (Boys), Udhampur
14. Dr. Arti Sharma, Dept. of Zoology, Jammu University (Spl. Invitee)

Item No. 1: To confirm the minutes of the Board of Studies in Zoology held on 11.05.2018, already circulated.

The Convenor Board of Studies welcomed the members of Board of Studies and the minutes of meeting of Board of Studies in Zoology held on 11.05.2018, already circulated was also confirmed.

Item No. 2: To revise and frame the syllabi and courses of Studies in the subject of Zoology under the Choice Based Credit System at the Undergraduate level and Master Degree programme to be held in the years mention below:

(B.Sc. Zoology)

Semester-I December 2019, 2020 and 2021

Semester-II May 2020, 2021 and 2022

Semester-III December 2020, 2021 and 2022

Semester-IV May 2021, 2022 and 2023

Minor changes to the extent of <25% in 1st and 2nd semesters have been made in the subject Zoology under the Choice Based Credit System at the undergraduate level. **(Annexure-I)**

- Scheme of the course alongwith the detailed syllabus of 1st and 2nd semester in **B.Sc. Honors in Zoology** (to be introduced/ sanctioned to GDC, Boys, Udhampur College) has been approved in BOS. **(Annexure-IIA, IIB, IIC)**

(M.Sc. Zoology)

Semester-I December 2019, 2020 and 2021

Semester-II May 2020, 2021 and 2022

Semester-III December 2020, 2021 and 2022

Semester-IV May 2021, 2022 and 2023

- The syllabus has been revised keeping in view the modifications as indicated in RUSA proposal
- Revision of CBCS open courses (Economic Zoology and Biological Anthropology)
- Job oriented course on “**Aquarium Fish Keeping**” approved in the BOS (to be introduced)
- Introduction of MOOC courses in M.Sc. 1st semester approved in BOS.

Item No. 3: To prepare a panel of paper setters/ examiners to be sent to the Controller of Examinations, University of Jammu

Members also authorised the convener, Board of Studies in Zoology to prepare a panel of examiners for paper setting and onward transmission to the controller of Examination for further necessary action.

The meeting terminated with a vote of thanks to the chair.



(Prof. Seema Langer)
Convener,
BOS in Zoology