

**Proceedings of the Board of Studies (BOS) meeting for Science Programmes held on 013.12.2013 at 11.00 am in the conference hall of Uttarakhand Open University**

A meeting of Board of Studies (BOS) was organized in the conference hall of the University on 13.12.2013 in order to finalize curriculum for Botany at Bachelors and Masters level. The curriculum that was developed by expert committee earlier for which the meeting was held on 28-29 June 2013.

The meeting started with welcome address and brief introduction of the programme. Following members were present in the meeting:

1. Prof. S.C.Tewari, Professor, Department of Botany, Garhwal University, Srinagar.
2. Dr. Uma Palani, Professor & Former HOD, Department of Botany, D.S.B. Campus, Nainital.
3. Dr. R.S. Rawal, Senior Scientist, G.B. Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora.
4. Dr. H.C. Joshi, School of Science, Uttarakhand Open University, Haldwani.
5. Dr. Pooja Juyal, Department of Botany, Uttarakhand Open University, Haldwani.

Following decisions were taken unanimously as per the agenda circulated to all the members:

1. Members unanimously agreed on the proposal to start Bachelors programme ( Science) and Masters programme through our own curriculum and Self Learning Material (SLM) from the academic session 2015-2016.
2. Name of Programme will be Bachelor of Science (B.Sc.).
3. The Programme Code will be BSC15
4. The bachelors and Masters programme will be run in annual mode initially and subsequently conversion to semester mode will follow.
5. The programme fee will be Rs. 6,000/- per year for B.Sc. programme.
6. Single subject will be allowed to student and in such case the the fees will be charged as per prevailing rules of the university (40% of the total programme fees)
7. Admission Cycle will be once every Year in July.
8. Any student having 10+2 in Science with Biology from recognized from any recognized Board will be eligibale for admission in B.Sc. Programme.
9. Minimum duration of the programme will be 3 Years and maximum 6 Years.
10. Self Learning Material (SLM) will be developed either in Hindi or English. Once SLM in one language is developed, it will be developed in other language by translation, however, technical terminology will be in English).
11. Total credits will be 108 for B.Sc. programme in which share of Botany will be 36 credits.

Juyal  
13/12/2013

Uma Palani

S.C. Tewari  
13.12.2013

Juyal  
13/12/2013

12. A student will have a freedom to opt Botany with any subject combinations, the subject combinations will be as follows:

Subject A	Subject B	Subject C
Botany	Zoology	Chemistry
	Zoology	Forestry
	Zoology	Geology
	Zoology	Geography
	Zoology	Biotechnology
	Chemistry	Forestry
	Chemistry	Biotechnology
	Chemistry	Geology
	Chemistry	Geography

13. Self Learning Material (SLM) for B.Sc. will be developed in English/ Or Hindi medium initially and its will be subsequently translated into Hindi/ or English medium.

14. The programme structure for Bachelors programme as approved by BOS is as follows:

A. Programme structure

NAME OF SUBJECT <sup>a</sup>	TOTAL CREDITS		
	YEAR I	YEAR II	YEAR III
A. Compulsory non credit course (first year only)			
Environmental studies (FES-10)	FES-10	-	-
B. Optional Courses			
1. Botany (BOT)	12	12	12
2. Subject B	12	12	12
3. Subject C	12	12	12
Total credits (108)	36	36	36

B. Course Plan for Botany

S.N.	Course Title	Marks			Credits	Minimum Counseling Hours
		Th.	Ass.	Total		
1	Course I	30	20	50	04	12
2	Course II	30	20	50	04	12
3.	Course III	30	20	50	04	12
3	Course IV (Practical)			50*	04	24

- \* i). Continuous Assessment (Practical Records) = 10  
 ii). Lab work /exercises = 30  
 iii). Practical Viva voce = 10

*[Handwritten Signature]*

*[Handwritten Signature]*  
 13.12.2013

*[Handwritten Signature]*

*[Handwritten Signature]*  
 13/12/2013

*[Handwritten Signature]*  
 13/12/2013

15. General plan of programme structure for Master of Science in Botany was finalized as follows:

S.N.	Title of Course	Marks			Credits	Minimum Counseling Hours
		Th.	Ass.	Total		
1	Course I	60	40	100	6	18
2	Course II	60	40	100	6	18
3	Course III	60	40	100	6	18
4	Course IV	60	40	100	6	18
5	Course V	60	40	100	6	18
6.	Practical			100*	6	

- 16. Name of Programme will be Master of Science in Botany. Programme code will be MSCBOT15.
- 17. Masters programme will be run in Annual mode initially, however, semester mode will follow subsequently.
- 18. The annual programme fees will be Rs. 10000 per year. Whereas laboratory workshop fees should be charged separately as Rs. 4000/-
- 19. Admission will be taken once every year in July.
- 20. The minimum duration will be 2 Years and maximum 6 Years.
- 21. The total Credits in Masters programme will be 72 i.e., 36 credits per year.
- 22. Self Learning Material (SLM) will be developed through Empanelled experts / or reputed publisher.
- 23. List of experts was finalized (list attached).
- 24. Lateral entry provisions at Bachelors & Masters level: Any student who has completed First / Second year of bachelors programme from other Universities may be given admission in second or third year with the recommendation of committee formulated for the purpose by the University.
- 25. Curriculum of Botany for Bachelors and Masters programme as developed by expert committee was reviewed, finalized and approved. Further, the content of each unit was critically analyzed and finalized (Final curriculum is attached).

A. Tiwari  
13.12.2013  
(S.C. Tiwari)

B. Kumar  
(R.S. Rawal)

B. Kumar  
(H.C. Tashri)

U. Pal  
13/12/2013  
(Uma Pal)

J. Jyoti  
13/12/2013  
(Pooja Jyoti)

