



हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

अस्थाई शैक्षणिक खण्ड, शाहपुर, जिला काँगड़ा, हिमाचल प्रदेश – 176206

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दिनांक :

**List of the course offered to M.Sc. CBB 2<sup>nd</sup> semester in the Department of Animal Sciences, School of Life Sciences:**

Sr. No.	Courses Name	Courses C ode	Credits	Faculty Member	
1.	Algorithms in Computational Biology	CBB 501	04	Dr. Vikram Singh Assistant Professor	<b>Core Compulsory Courses Total Credits = 12</b>
2.	Practical Course on Structure prediction and Modeling	CBB 429	02	Resource Person	
3.	Computational Methods in Structure Analysis	CBB 410	02	Resource Person	
4.	Molecular Modeling and Dynamics	CBB 503	04	Dr. Mahesh Kulheria Associate Professor	
5.					
<b>Core Open / Elective open Courses (Total Credits =04)</b>					
6.	Genomics and Proteomics	CBB 504	04	Dr. Shailendra Verma, Assistant Professor	<b>Elective Courses</b>
7.					
<b>Human Making Course (Total Credits = 02)</b>					
8.	History of Sciences and Technology in India	CBB 436	02	Dr. Vikram Singh Assistant Professor	
<b>Skill Development Course (Total Credits = 02)</b>					
9.	Basics of Machine Learning	CBB 416A	02	Dr. Mahesh Kulheria Associate Professor	

**List of the course offered to M.Sc. CBB 4<sup>th</sup> semester in the Department of Animal Sciences,  
School of Life Sciences:**

Sr. No.	Courses Name	Courses Code	Credits	Faculty Members	
1.	M. Sc. Project	CBB 499A	08	All Faculty Members of the center	<b>Core Compulsory Courses Total Credits = 08</b>
2.					
3.					
<b>Core Open / Elective open Courses (Total Credits =04)</b>					
3.	Element of Synthetic Biology	CBB 522	02	Resource Person	<b>Core Elective Courses</b>
4.	Practical Course on System Biology	CBB 523	02	Dr. Vikram Singh Assistant Professor	
<b>Core Elective (Specialization) Total Credits = 08</b>					
5.	Chemoinforamtics	CBB 513	04	Dr. Mahesh Kulheria Associate Professor	<b>Elective (Specialization)</b>
6.	Plant Bioinformatics	CBB 527	04	Dr. Shailendra Verma, Assistant Professor	

**Dean, School of Life Sciences**