



No. QSD.3-3/Acad/COBS-CSKHPKV/-7728-7768

Dated: 21/3/2024

**NOTIFICATION**

The following undergraduate courses will be offered by the College of Basic Sciences to the students of B.Sc. 2<sup>nd</sup> and 3<sup>rd</sup> year during the 2<sup>nd</sup> semester of the Academic Year 2023-24.

<b>B.Sc. Physical Sciences (Second Year)</b>			
Chem.222	Transition Metal & Coordination Chemistry, States of Matter and Chemical Kinetics	4+2	Dr. Bhanu Priya
Phys.221	Waves and Optics	4+2	Dr. Manjula Sharma
Math.221	Algebra	5+1 <sup>@</sup>	Dr. Abhishek Guleria
NCC/NSS	National Cadet Corps/National Service Scheme	0+2(NC)	NCC Officer/NSS Programme Officer
Tutorial	Tutorial Class	1+0	Advisor of the students
<b>Any one of the following:</b>			
Stat.221	Elements of Statistics	2+1	Dr. Banti Kumar
Comp.222	Computer Programming using C Language	2+1	Sh. Vaibhav Kalia/ Sh. Kapil Sharma
<b>Total</b>		<b>21+3(NC)</b>	
<b>B.Sc. Life Sciences Second year</b>			
Chem.221	Physical Chemistry for the Biosciences	4+2	Dr. Vishal Priya
Bot.221	Plant Physiology and Metabolism	4+2	Dr. Rashmi
Zoo.221	Genetics and Evolutionary Biology	4+2	Dr. Rakesh Kumar & To be notified later on
NCC/NSS	National Cadet Corps/National Service Scheme	0+2(NC)	NCC Officer/NSS Programme Officer
Tutorial	Tutorial Class	1+0	Advisor of the students
<b>Any one of the following:</b>			
Stat.221	Elements of Statistics	2+1	Dr. Banti Kumar
Comp.221	Database with MS Access	2+1	Sh. Kapil Sharma
<b>Total</b>		<b>21+3(NC)</b>	
<b>B.Sc. Physical Sciences (Third Year)</b>			
NCC/NSS	National Cadet Corps/National Service Scheme	0+2 (NC)	NCC Officer/NSS Programmer Officer
Tutorial	Tutorial Class	1+0 (NC)	Advisor of the students
Math.321	Numerical Methods	5+1 <sup>@</sup>	Dr. Sharda Singh & Dr. Abhishek Guleria
<b>Any one of the following :</b>			
Phys.321	Nuclear and Particle Physics	5+1	Dr. Manjula Sharma
Phys.322	Digital, Analog and Instrumentation	4+2	Dr. Sheela Thakur
<b>Any one of the following :</b>			
Chem.323	Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy	4+2	To be notified later on
Chem.324	Analytical Methods in Chemistry	4+2	Dr. Suman Sharma & Dr. Vishal Priya
<b>Any one of the following:</b>			
Phys.324	Radiation Safety	3+0	Dr. Sheela Thakur
Chem. 325	Analytical Clinical Biochemistry	2+1	To be notified later on
<b>Total</b>		<b>21+3(NC)</b>	

A. S. M.

B.Sc. Life Sciences Third year			
NCC/NSS	National Cadet Corps/National Service Scheme	0+2 (NC)	NCC Officer/NSS Programmer Officer
Tutorial	Tutorial Class	1+0 (NC)	Advisor of the students
Bot. 322	Economic Botany and Biotechnology	4+2	Dr. Amit & To be notified later on
Any one of the following			
Zoo. 321	Immunology	4+2	Dr. Radhika Sharma & Dr. Madhu Sharma
Zoo. 322	Reproductive Biology	4+2	Dr. Rakesh Kumar & Dr. Radhika Sharma
Any one of the following :			
Chem. 321	Bioinorganic and Environmental Chemistry	4+2	Dr. Suman Sharma & Dr. Bhanu Priya
Chem. 322	Quantum Chemistry, Spectroscopy & Photochemistry	4+2	To be notified later on
Any one of the following			
Bot. 323	Ethnobotany	2+1	Dr. Amit
Zoo. 323	Public Health and Hygiene	2+1	Dr. Radhika Sharma
Chem. 325	Analytical Clinical Biochemistry	2+1	To be notified later on
Micro. 321	Fermentation Technology	2+1	Dr. Abhishek Walia/ Dr. Rajinder Kumar
Total		21+3(NC)	

@ Tutorial

Endst. No. Even

Dated: Even

Copy of the above is forwarded to the following for information & necessary action:

1. The Registrar, CSKHPKV, Palampur
2. The Dean, COA/COCS/Dr. G.C. Negi COVAS, CSKHPKV, Palampur.
3. All the Heads of Department and Programme Director, CGRT, COBS, CSKHPKV Palampur.
4. The Head, Department of Organic Agriculture & Natural Farming, COA, CSKHPKV, Palampur.
5. The Head, Department of Fisheries, Dr. G.C. Negi, COVAS, CSKHPKV, Palampur.
6. Dr. Usha Rana, Coordinator Examination, COBS, CSKHPKV Palampur.
7. The Incharge, UNS, CSKHPKV, Palampur with the request to upload in the University website.
8. Dr. Suman Sharma, Convener, Time-Table, Date-Sheet & Seating Plan Committee, for necessary action.
9. All the Course Instructors.
10. Sh. Arun Kumar, Incharge, College Communication Board, College of Basic Sciences.

*Sharda*  
21/5/24  
Dean,  
College of Basic Sciences,  
CSKHPKV Palampur

*BNS*