



**CHAUDHARY SARWAN KUMAR CSK HIMACHAL PRADESH KRISHI VISHWAVIDYALAYA**  
**'College of Basic Sciences'**  
**Palampur (HP) - 176062**



No. QSD.3-3/Acad/COBS-CSKHPKV/- 530 - 565

Dated: 07/5/2024

**NOTIFICATION**

The following undergraduate courses have actually been 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 <sup>#</sup>	2+1	Dr. Banti Kumar
Comp.222	Computer Programming using C Language <sup>#</sup>	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. D.P. Pandey & Dr. Rakesh Kumar
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 <sup>#</sup>	2+1	Dr. Banti Kumar
Comp.221	Database with MS Access <sup>#</sup>	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
Chem.324	Analytical Methods in Chemistry	4+2	Dr. Suman Sharma & Dr. Vishal Priya
<b>Any one of the following:</b>			
Phys.321	Nuclear and Particle Physics <sup>#</sup>	5+1	Dr. Manjula Sharma
Phys.322	Digital and Analog Circuits and Instrumentation <sup>#</sup>	4+2	Dr. Sheela Thakur
<b>Any one of the following:</b>			
Phys.324	Radiation Safety <sup>#</sup>	3+0	Dr. Sheela Thakur
Chem. 325	Analytical Clinical Biochemistry <sup>#</sup>	2+1	Dr. Rishi Thakur
<b>Total</b>		<b>21+3(NC)</b>	

*Sharda*  
7/5/24

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. Pawan Kumar & Dr. Rashmi
Chem. 321	Bioinorganic and Environmental Chemistry	4+2	Dr. Suman Sharma & Dr. Bhanu Priya
Any one of the following:			
Zoo. 321	Immunology#	4+2	Sr. Madhu Sharma & Dr. Radhika Sharma
Zoo. 322	Reproductive Biology#	4+2	Dr. Rakesh Kumar & Dr. Radhika Sharma
Any one of the following:			
Bot. 323	Ethnobotany#	2+1	Dr. Usha Rana & Dr. Rashmi
Zoo. 323	Public Health and Hygiene#	2+1	Dr. Radhika Sharma
Chem. 325	Analytical Clinical Biochemistry#	2+1	Dr. Rishi Thakur
Micro. 321	Fermentation Technology#	2+1	Dr. Abhishek Walia
Total		21+3(NC)	
<b>Repeat Courses:</b>			
Phys. 121	Electricity and Magnetism*	4+2	Dr. Sheela Thakur
Math. 121	Differential Equations*	5+1 <sup>@</sup>	Dr. Sharda Singh
Bot. 121	Plant Ecology and Taxonomy*	4+2	Dr. Usha Rana
Chem. 122	Chemical Energetics, Equilibria & Functional Group Organic Chemistry-1	4+2	Dr. Suman Sharma
<b>Odd Repeat Courses:</b>			
Phys. 111	Mechanics*	4+2	Dr. Manjula Sharma
Math. 211	Real Analysis*	5+1 <sup>@</sup>	Dr. Abhishek Guleria
Chem. 112	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons*	4+2	Dr. Suman Sharma

@Tutorial # anyone of the two course

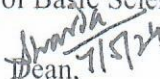
\*Odd Repeat Courses are subject to the approval of competent authority

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. Dr. Usha Rana, Coordinator Examination, COBS, CSKHPKV Palampur.
5. The Head, Department of Organic Agriculture & Natural Farming, COA, CSKHPKV, Palampur.
6. The Head, Department of Fisheries, Dr. G.C. Negi COVAS, CSKHPKV, Palampur.
7. The Scientist Incharge, RWRC, Malan, CSKHPKV, Palampur.
8. The Incharge, UNS, CSKHPKV, Palampur with the request to upload in the University website.
9. Dr. Suman Sharma, Convener, Time-Table, Date-Sheet & Seating Plan Committee for necessary action.
10. All the Course Instructors.
11. Sh. Arun Kumar, Incharge, College Communication Board, College of Basic Sciences.

  
 Dean,  
 7/5/24  
 College of Basic Sciences,  
 CSKHPKV Palampur