



Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya
COLLEGE OF BASIC SCIENCES
Palampur (H.P.) 176062, India



No.QSD.3-3/COBS-CSKHPKV/2024/-4324-60

Dated, Palampur the: 21/11/24

NOTIFICATION

The following undergraduate courses will be offered by the College of Basic Sciences to the 1st, 2nd and 3rd year undergraduate students during 2nd semester of Academic Year 2024-25:-

| B.Sc. (Hons/Hons. with Research) Physical Sciences 1st year under NEP-2020 | | | |
|--|--|-----------------|-----------------------------------|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Phys 121 | Electricity, Magnetism and EMT | 3+1 | Dr. Sheela Thakur |
| Math 121 | Differential Equations | 3+1 | Dr. Abhishek Guleria |
| Chem121 | Basic Concepts and Aliphatic Hydrocarbons | 3+1 | Dr. Suman Sharma |
| Eng 121 | English Communication | 2+1 | Sh. Siddharth Singh |
| Soc 121 | Human values and Ethics | 2+0 | To be notified later |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2(NC) | NCC Officer/NSS Programme Officer |
| Any one of the following:* | | | |
| Stat 121 | Elements of Statistics | 2+1 | Dr. Banti Kumar |
| GIS 121 | Geographic Information System | 2+1 | Sh. Vaibhav Kalia |
| Biochem 121 | Biochemical Constituents of food grains, fruits and Vegetables | 2+1 | To be notified later |
| Any one of the following:* | | | |
| IAPC 121/ Micro 121 | Biofertilizer Production | 1+1 | Sh. Rajinder Kumar |
| IAPC 122/ Agron 361 | Organic Farming | 1+1 | To be notified later |
| IAPC 123/ EECM 121 | Community Organization | 2+0 | To be notified later |
| Total | | 22+2(NC) | |
| B.Sc. (Hons/Hons. with Research) Life Sciences 1st year under NEP-2020 | | | |
| Bot 121 | Diversity of Cryptograms | 3+1 | Dr. Rashmi & Dr. Sohan Lal |
| Zoo 121 | Diversity of Chordates | 3+1 | Dr. Radhika Sharma |
| Chem 121 | Basic Concepts and Aliphatic Hydrocarbons | 3+1 | Dr. Suman Sharma |
| Eng 121 | English Communication | 2+1 | Sh. Siddharth Singh |
| Soc 121 | Human values and Ethics | 2+0 | To be notified later |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2(NC) | NCC Officer/NSS Programme Officer |
| Any one of the following:* | | | |
| Stat 121 | Elements of Statistics | 2+1 | Dr. Banti Kumar |
| GIS 121 | Geographic Information System | 2+1 | Sh. Vaibhav Kalia |
| Biochem 121 | Biochemical Constituents of food grains, fruits and Vegetables | 2+1 | To be notified later |
| Any one of the following:* | | | |
| IAPC 121/ Micro 121 | Biofertilizer Production | 1+1 | Sh. Rajinder Kumar |
| IAPC 122/ Agron 361 | Organic Farming | 1+1 | To be notified later |
| IAPC 123/ EECM 121 | Community Organization | 2+0 | To be notified later |
| Total | | 22+2(NC) | |

B.Sc. Physical Sciences (Second Year)

| | | | |
|----------------------------------|---|-----------------|-----------------------------------|
| Chem 222 | Transition Metal & Coordination Chemistry, States of Matter and Chemical Kinetics | 4+2 | To be notified later |
| Phys 221 | Waves and Optics | 4+2 | Dr. Manjula Sharma |
| Math 221 | Algebra | 5+1 | Dr. Abhishek Guleria |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2(NC) | NCC Officer/NSS Programme Officer |
| Tutorial | Tutorial Class | 1+0 (NC) | Advisor of the students |
| Any one of the following: | | | |
| Stat 221 | Elements of Statistics* | 2+1 | Dr. Banti Kumar |
| Comp 222 | Computer Programming using C Language | 2+1 | Sh. Vaibhav Kalia |
| Total | | 21+3(NC) | |

B.Sc. Life Sciences (Second year)

| | | | |
|----------------------------------|--|-----------------|---|
| Chem 221 | Physical Chemistry for the Biosciences | 4+2 | To be notified later |
| 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 |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2(NC) | NCC Officer/NSS Programme Officer |
| Tutorial | Tutorial Class | 1+0 (NC) | Advisor of the students |
| Any one of the following: | | | |
| Stat 221 | Elements of Statistics* | 2+1 | Dr. Banti Kumar |
| Comp 221 | Database with MS Access | 2+1 | Sh. Kapil Sharma |
| Total | | 21+3(NC) | |

B.Sc. Physical Sciences (Third Year)

| | | | |
|----------------------------------|---|-----------------|---|
| Math 321 | Numerical Methods | 5+1 | Dr. Sharda Singh/ Dr. Abhishek Guleria |
| Chem 324 | Analytical Methods in Chemistry | 4+2 | To be notified later |
| Tutorial | Tutorial Class | 1+0 (NC) | Advisor of the students |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2 (NC) | NCC Officer/NSS Programmer Officer |
| Any one of the following: | | | |
| Phys 321 | Nuclear and Particle Physics | 5+1 | Dr. Manjula Sharma |
| Phys 322 | Digital and Analog Circuits and Instrumentation | 4+2 | Dr. Sheela Thakur |
| Any one of the following: | | | |
| Phys 324 | Radiation Safety | 3+0 | Dr. Sheela Thakur |
| Chem 325 | Analytical Clinical Biochemistry* | 2+1 | To be notified later |
| Total | | 21+3(NC) | |

B.Sc. Life Sciences (Third year)

| | | | |
|----------------------------------|--|----------|---------------------------------------|
| Bot 322 | Economic Botany and Biotechnology | 4+2 | Dr. Sohan Lal & To be notified later |
| Chem 321 | Bioinorganic and Environmental Chemistry | 4+2 | To be notified later |
| 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 |
| Any one of the following: | | | |
| Zoo 321 | Immunology | 4+2 | Dr. Radhika Sharma & Dr. Madhu Sharma |

| | | | |
|---|---|-----------------|--|
| LDU 322 | Reproductive Biology | 4+2 | Dr. Rakesh Kumar |
| Any one of the following: | | | |
| Zoo 323 | Public Health and Hygiene | 2+1 | To be notified later |
| Chem 325 | Analytical Clinical Biochemistry* | 2+1 | Dr. RishiThakur |
| Total | | 21+3(NC) | |
| Courses for other undergraduate programmes | | | |
| College of Community Science | | | |
| B. Tech. Food Technology | | | |
| FT 124 | Computer Programming and Data Structure | 2+1 | Sh. Vaibhav Kalia |
| B.Sc. (Hons.) Community Science | | | |
| Comp 121 | Agricultural Informatics | 1+2 | Sh. Kapil Sharma |
| College of Agriculture | | | |
| B.Sc. (Hons.) Agriculture | | | |
| Ag.Info.361 | Agri. Informatics | 1+1 | Sh. Kapil Sharma/ Sh. Vaibhav Kalia |

*There shall be common class for Physical Sciences & Life Sciences.

/

Dean,
College of Basic Sciences,
CSKHPKV, Palampur
Dated: Even

Endst. No. 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 Head of Departments and Programme Director-CGRT, COBS, CSKHPKV, Palampur.
4. The Head, Department of Organic Agriculture & Natural Farming, COA, CSKHPKV, Palampur.
5. The Head, Department of Agricultural Economics, Extension Education and Rural Sociology, COA, CSKHPKV, Palampur.
6. The Head, Department of Veterinary Public Health and Epidemiology, COVAS, CSKHPKV, Palampur.
7. The Head, Department of Extension Education and Communication Management, COCS, CSKHPKV, Palampur.
8. The Head, Department of Fisheries, Dr. G.C. Negi COVAS, CSKHPKV, Palampur.
9. The Programme Coordinator, KVK, Kangra (H.P.)
10. Dr. Suman Sharma, Coordinator Examination, COBS, CSKHPKV, Palampur.
11. Dr. Sheela Thakur, Academic Incharge, COBS, CSKHPKV, Palampur.
12. Dr. Manjula Sharma, Convener, Time-Table, Date-Sheet & Seating Plan Committee for information and necessary action.
13. All the Course Instructors.
10. Mr. Arun Kumar, Incharge, College Communication Board, College of Basic Sciences.
11. The Incharge UNS, CSKHPKV, Palampur with the request to upload in the University website.

Sharma
Dean, 21/11/24
College of Basic Sciences,
CSKHPKV, Palampur