



**CSK. HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA
COLLEGE OF BASIC SCIENCES
PALAMPUR**



No.QSD.3-3-COBS-CSKHPKV/2023/- 6191-6235

NOTIFICATION

Dated, Palampur the: 05/11/2024

The following undergraduate courses have actually been offered by the College of Basic Sciences to the B.Sc. 2nd and 3rd year students during 1st semester of the Academic Year 2023-24.

Courses for B.Sc. Programme

| B.Sc. 2nd Year (Chemistry, Physics and Mathematics Combination) | | | |
|---|---|------------------|------------------------------------|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Chem.212 | Solutions, phase Equilibrium, Conductance, Electrochemistry & Functional Group organic Chemistry-II | 4+2 | Dr. Suman Sharma & Dr. Bhanu Priya |
| Phys.211 | Thermal Physics and Statistical Mechanics | 4+2 | Dr. Manjula Sharma |
| Math.211 | Real Analysis | 5+1 [@] | Dr. Abhishek Guleria |
| Comp. 211 | Computer Application | 2+1 | Sh. Kapil Sharma |
| Tutorial | Tutorial Class | 1+0 (NC) | Advisor of the students |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2(NC) | NCC Officer/NSS Programme Officer |
| Total | | 21+3(NC) | |

| B.Sc. 2nd Year (Chemistry, Botany and Zoology Combination) | | | |
|--|---|-----------------|--------------------------------------|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Chem.211 | Chemical Bonding, Transition Metal & Coordination Chemistry | 4+2 | Dr. Vishal Priya |
| Bot.211 | Plant Anatomy and Embryology | 4+2 | Dr. Anuj Choudhary & Dr. Rashmi |
| Zoo.211 | Physiology and Biochemistry | 4+2 | Dr. Madhu Sharma & Dr. Rishi Thakuar |
| Comp. 211 | Computer Application | 2+1 | Sh. Vaibhav Kalia |
| Tutorial | Tutorial Class | 1+0 (NC) | Advisor of the students |
| NCC/NSS | National Cadet Corps/National Service Scheme | 0+2 (NC) | NCC Officer/NSS Programme Officer |
| Total | | 21+3(NC) | |

| B.Sc. 3rd Year (Physics, Chemistry and Mathematics Combination) | | | |
|---|---|------------------|--|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Math.311 | Matrices | 5+1 [@] | Dr. Sharda Singh/ Dr. Abhishek Guleria |
| Chem.313 | Chemistry of Main Group Elements, theories of Acids and Bases | 4+2 | Dr. Suman Sharma & Dr. Vishal Priya |
| 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 | | | |
| Phys.311 | Solid State Physic [#] | 4+2 | Dr. Manjula Sharma |
| Phys.312 | Elements of Modern Physics [#] | 4+2 | Dr. Sheela Thakur |
| Any one of the following | | | |
| Chem.315 | Chemistry of Cosmetics and Perfumes [#] | 2+1 | Dr. Suman Sharma |
| Phys. 314 | Electrical Circuits and Network Skills [#] | 2+1 | Dr. Manjula Sharma |
| Total | | 21+3(NC) | |

| B.Sc. 3rd Year (Chemistry, Botany and Zoology Combination) | | | |
|--|--|-----------------|---------------------------------------|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Bot. 312 | Cell and Molecular Biology | 4+2 | Dr. Radhika Sharma |
| Zoo. 311 | Applied Zoology | 4+2 | Dr. Rakesh Kumar & Dr. Radhika Sharma |
| Chem.311 | Analytical Methods in Chemistry | 4+2 | Dr. Bhanu Priya |
| 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 | | | |
| Bot. 313 | Medicinal Botany [#] | 2+1 | Dr. Rashmi & Dr. Anuj Chouhary |
| Zoo. 313 | Aquarium Fish Keeping [#] | 2+1 | Dr. Madhu Sharma |
| Chem.315 | Chemistry of Cosmetics and Perfumes [#] | 2+1 | Dr. Suman Sharma |
| Micro. 311 | Techniques in Clinical Microbiology [#] | 2+1 | Dr. Rishi Mahajan |
| Total | | 21+3(NC) | |

The Incharge
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| Courses for other undergraduate programmes | | | |
|--|---|----------------------------|---|
| Course No. | Title | Cr. Hrs | Name of Teacher |
| Crop. Physiol 231 | Fundamentals of Crop Physiology | 1+1 (Two Batches) | A Dr. Anuj Choudhary B Dr. Rashmi |
| Stat. 231 | Statistical Methods | 1+1 (Batch A) (Batch B) | Dr. Banti Kumar |
| Bio.111 | Introductory Biology | 1+1 (Two Batches) | A Dr. Rakesh Kumar B Dr. Tarang Kumar Shah |
| Env. 111 | Environmental Studies & Disaster Management | 2+1 (Two Batches) | A Dr. Dipika Rana B Dr. Priyanka Kalia |
| Repeat Course | | | |
| Math.111 | Elementary Mathematics | | |
| Dr. G.C. Negi College of Veterinary and Animal Science | | 2+0 | Sh. Arun Kumar |
| Env. 321 | Introduction to Environmental Science | 2+0 | Dr. Priyanka Kalia |
| College of Community Science | | | |
| B. Tech. Food Technology | | | |
| FT. 112 | General Microbiology | 2+1 | Dr. Abhishek Walia |
| FT. 233 | Industrial Microbiology | 2+1 | Sh. Rajinder Kumar |
| FT. 237 | Statistical Methods and Numerical Analysis | 1+1 | Sh. Arun Kumar |
| FT. 238 | Environmental Studies & Disaster Management | 1+1 | Dr. Priyanka Kalia |
| B.Sc. (Hons.) Community Science | | | |
| Micro 231 | Fundamentals of Food Microbiology | 2+1 | Sh. Rajinder Kumar |
| Stat. 232 | Elementary Statistics | 2+1 | Dr. Banti Kumar |
| Zoo. 351 | Elementary Human Physiology | 2+1 | Dr. Rakesh Kumar |
| B.Sc. (Hospitality and Hotel Administration) | | | |
| Env. 311 | Introduction to Environmental Sciences | 2+0 | Dr. Dipika Rana |
| Repeat Courses (College of Basic Sciences) | | | |
| Phys.111 | Mechanics | 4+2 | Dr. Sheela Thakur |
| Math. 111 | Differential Calculus | 5+1 [@] | Dr. Sharda Singh |
| Chem. 111 | Conceptual Organic Chemistry | 4+2 | Dr. Bhanu Priya |

@Tutorial # anyone of the two course

Sharda
Dean, 5/11/24
College of Basic Sciences,
CSKHPKV, Palampur

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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 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 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 on the University website.
8. Dr. Suman Sharma, Convener, Time-Table, Date-Sheet & Seating Plan Committee for information and necessary action.
9. All the Course Instructors.
10. Mr. Arun Kumar, Incharge, College Communication Board, College of Basic Sciences.

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