

# Physics

## Uttarakhand BSC Nursing Exam Syllabus for Physics

Following chapters are mentioned for the BSc Nursing exam syllabus:

| Class 11 Chapter                             | Class 12 Chapter                         |
|----------------------------------------------|------------------------------------------|
| Physical world and measurement               | Electrostatics                           |
| Kinematics                                   | Current Electricity                      |
| Laws of motion                               | Magnetic Effect of current and magnetism |
| Work, Power and Energy                       | Alternating current                      |
| Motion of system of particles and rigid Body | Electromagnetic waves                    |
| Gravitation                                  | Optics                                   |
| Properties of bulk matter                    | Dual nature of matter and radiation      |
| Therodynamics                                | Atoms and nuclei                         |
| Kinetic theory of gases                      | Semiconductor                            |
| Oscillations and waves                       | -                                        |

# Chemistry

## Uttarakhand BSc Nursing Exam Syllabus for Chemistry

These Chapters for the Uttarakhand BSc Nursing exam syllabus for Chemistry are mentioned as follows:

| Class 11 Chapter                                 | Class 12 Chapter                     |
|--------------------------------------------------|--------------------------------------|
| Some basic concepts of chemistry                 | Solid state                          |
| Structure of atom                                | Solution                             |
| Classification of elements and periodicity       | Electrochemistry                     |
| Chemical bonding and molecular structure         | Chemical kinetics                    |
| States of matter                                 | The P block elements                 |
| Thermodynamics                                   | D and F BLOCK ELEMENTS               |
| Equilibrium                                      | Coordination compounds               |
| Redox reactions                                  | Haloalkanes and Haloarenes           |
| S and P block elements                           | Alcohol, Phenol and ether            |
| Organic chemistry-Basic principle and techniques | Aldehyde, ketone and carboxylic acid |
| Hydrocarbons                                     | Amines                               |

|                         |              |
|-------------------------|--------------|
| Environmental chemistry | Biomolecules |
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# Biology

## Uttarakhand BSC Nursing Exam Syllabus for Biology

Following are the Uttarakhand BSc Nursing exam syllabus for Biology:

| Class 11 Chapter                              | Class 12 Chapter                   |
|-----------------------------------------------|------------------------------------|
| Diversity of living organism                  | Reproduction                       |
| Structural organisation in plants and animals | Genetics and evolution             |
| Cell structure and function                   | Biology and human welfare          |
| Plant physiology                              | Biotechnology and its applications |
| Human physiology                              | Ecology and environment            |