

NEET Physics Syllabus 2024 - Important Easy And Difficult Units <INACTIVE>

Here we have analyzed and curated the important difficult and easy units from the NEET 2024 Physics Syllabus

Important and Easy Units of Physics

- Wave Optics
- Semiconductors and communication system
- Motion in One Dimension
- Atomic Structure in Modern Physics
- Gravitation

Important and Difficult Units of Chemistry

- Ray Optics
- Laws of Thermodynamics
- Heat Transfer
- Properties of Matter and Fluid Mechanics
- Circular Motion
- Waves and sound
- Newton's Laws of Motion
- Rotational Motion
- Magnetic Effects of Current
- Current Electricity

NEET Sample Papers <INACTIVE>

To cover NEET 2023 syllabus correctly, make sure to go through all the [**sample papers**](#). They will help you realize if you have skipped some important concept or not. Candidates need to refer to the sample papers once they have completed studying the NEET 2023 syllabus - Physics, Chemistry,

and Biology. Thus, helping aspirants to crack the NEET 2023 exam with ease. As soon as candidates appear for the exam, they can then refer to the [NEET 2023 rank predictor](#) and [college predictor](#) to understand how well have they fared in the exam. This also helps aspirants adjust their expectations accordingly.

NEET Physics Syllabus 2024 - Important Topics <INACTIVE>

Check this table to learn about the important topics from the NEET 2024 syllabus of Physics. One can also refer to the official NTA NEET Physics syllabus PDF to get a better understanding if needed.

NEET Physics Syllabus from Class 11th	NEET Physics Syllabus 2024 from Class 12th
Gravitation	Optics
Thermodynamics	Atoms and Nuclei
Kinematics	Dual Nature of Matter and Radiation
Physical World and Measurement	Electronic Devices
Laws of Motion	Electromagnetic Current and Alternating Current
Work, Energy, and Power	Current Electricity
Properties of Bulk Matter	Electromagnetic Waves
Oscillations and Waves	Electrostatics
Behaviour of Perfect Gas and Kinetic Theory	-
Motion of System of Particles and Rigid Body	-

NEET 2024 Impo

Topics from Class 11

- Gravitation
- Thermodynamics
- Kinematics
- Physical World and Measurement
- Laws of Motion
- Work, Energy, and Power
- Properties of Bulk Matter
- Oscillations and Waves
- Behaviour of Perfect Gas and Kin Theory
- Motion of System of Particles and Rigid Body

NEET Chemistry Syllabus 2024 - Important Topics <INACTIVE>

Candidates can refer to the table given below to learn about the important topics from each section of Chemistry, namely, Physical Chemistry, Organic Chemistry and Inorganic Chemistry. This list has been curated after the release of NTA and NMC's updated NEET 2024 Syllabus.

Topics from Physical Chemistry	Topics from Organic Chemistry	Topics from Inorganic Chemistry
Atomic Structure	Environmental Chemistry (Excluded)	Solutions
Redox Reactions & Electrochemistry	Polymers (Excluded from NEET 2024 Syllabus)	States of Matter (Excluded)
Equilibrium	Hydrocarbons and their substituents	S Block (Excluded)
Nuclear Chemistry & Chemical Kinetics	Biomolecules	Practical Chemistry
Mole Concept & Stoichiometry	Amines	F Block Elements and D Block Elements
Thermochemistry & Thermodynamics	Organic Compounds Containing Oxygen	Chemical Bonding and Molecular Structure
Surface Chemistry (Excluded from NEET 2024 Syllabus)	Basic Principles of Organic Chemistry	Hydrogen (Excluded)

NEET 2024 Important Topics

Physical Chemistry Topics

- Atomic Structure
- Redox Reactions & Electrochemistry
- Equilibrium
- Nuclear Chemistry & Chemical Kinetics
- Mole Concept & Stoichiometry
- Thermochemistry & Thermodynamics
- Surface Chemistry (Excluded from NEET 2024 Syllabus)
- Amino Acids
- Environmental Chemistry
- Biomolecules
- Polymers
- Syllabus
- Organic Compounds containing Oxygen
- Basic Principles of Organic Chemistry
- Hydrocarbons

NEET 2024 Biology Syllabus - Important Topics <INACTIVE>

NEET 2024 Impo

Botany Topics

- Ecology
- Plant Physiology
- Genetics
- Plant Anatomy
- Division and Cell Biology
- Plant Diversity
- Plant Reproduction and Morph
- Bio-molecule
- Biotechnology
- Biology in Human Welfare

Candidates required to focus more on more on the topics that are important in the NEET 2024 biology syllabus as the syllabus is vast, compared to Physics and Chemistry.

Subjects	Important Topics from NEET 2024 Biology Syllabus
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- | | |
|---------------|--|
| Botany | <ol style="list-style-type: none">1. Ecology2. Plant Physiology3. Genetics4. Plant Anatomy5. Division and Cell Biology6. Plant Diversity7. Plant Reproduction and Morphology8. Bio-molecule9. Biotechnology10. Biology in Human Welfare |
|---------------|--|

- | | |
|----------------|--|
| Zoology | <ol style="list-style-type: none">1. Cell and cell cycle2. Animal Husbandry3. Animal kingdom4. Animal Diversity5. Genetics6. Reproductive health7. Evolution8. Human Physiology9. Human Reproduction10. Human Health and Diseases11. Biotechnology12. Biomolecules13. Diversity of living organisms14. Structural organization in animals |
|----------------|--|

NEET Syllabus 2024 - Subject-Wise PDF <INACTIVE>

Candidates must check out the NEET Syllabus 2024 Topic-Wise PDF or Subject-Wise PDF available in the table mentioned below:

[Download NEET UG Syllabus 2024 PDF for Biology, Physics, and Chemistry](#)

Subject	Syllabus
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NEET Syllabus for Physics 2024

[Download PDF](#)

NEET Syllabus for Chemistry 2024

[Download PDF](#)

NEET Syllabus for Biology 2024

[Download PDF](#)

Take a look at the [NEET Marking Scheme 2024](#) to strategically approach the exam and maximize your scoring potential!

NEET 2024 Subject Wise Preparation Tips <INACTIVE>

Candidates can understand more about the NEET syllabus by understanding important tips, preparation plans, chapter weightage, and more. Refer below to learn more about the NEET syllabus 2024:

Details	Descriptions
NEET 2024 Physics	<i>Coming Soon</i>
NEET 2024 Chemistry	Click Here
NEET 2024 Biology	Click Here

NEET 2024 Syllabus Reduced or Not? <INACTIVE>

The NEET Syllabus for 2024 has been reduced, with changes explained ahead. The NMC released an updated NEET syllabus 2024 PDF, reducing chapters from 97 to 79. Subject-wise modifications were made in Physics, Chemistry, and Biology, with some topics decreased and others added for practical relevance. The emphasis is on Class 11th and 12th topics, removing chapters that are excluded from the syllabus of many state board like Maharashtra State Board of Secondary and Higher Secondary Education and Bihar School Education Board.

Are you a dropper appearing for NEET 2024? Discover effective strategies on [how should a dropper prepare for NEET 2024](#)

NTA NEET Syllabus 2024 - Steps to Prepare <INACTIVE>

Needless to say, the NEET 2024 Syllabus is vast in nature. Therefore, it is crucial that candidates develop a proper understanding of how to cover the entire syllabus and study from the NTA NEET Syllabus PDF. To begin with, the syllabus for the upcoming exam is almost similar to the syllabus of Class 11th and Class 12th standards. The major subjects included in the NEET UG syllabus are Physics, Chemistry, and Biology.

There are about a hundred topics included in the NCERT for NEET UG 2024 preparation. Thus, to build a conceptual understanding of each and every topic, candidates may refer to the following points mentioned below, to learn how to study from NEET 2024 Syllabus:

Step 1: Create a Proper Timetable to Cover Important Topics

Prior to beginning the NEET 2024 Preparations, it is important that candidates focus on preparing an effective timetable to cover every single topic in a systematic manner. This will allow them to divide their attention equally on all major chapters, and schedule their preparation strategies accordingly.

Step 2: Focus on Conceptual Understanding of Major Topics and Avoid Memorizing Everything

The first and foremost thing to keep in mind while covering the NEET UG 2024 Syllabus is to thoroughly focus on conceptual understanding of each key concept, to avoid any last-minute confusion. One may expect the questions asked in the exam to be framed in a manner which tests the knowledge and depth of a candidate's understanding of the syllabus. Thus, it is essential to prioritize an in-depth understanding of all major topics covered in the NEET Syllabus 2024.

Step 3: Rely on Best Study Materials Only

Another crucial step to memorize by heart is to rely on only the best study materials available for NEET UG preparations. As recorded by the previous years' toppers, there's nothing better suited than the NCERT books for Physics, Chemistry, and Biology, when it comes to NEET preparations. Therefore, candidates must go through them thoroughly, to get an idea of the kind of preparation they need to embrace for the NEET 2024 exam.

Apart from that, there are many other books that a candidate may follow to fulfill certain doubts or to understand specific topics. Some are mentioned above under the 'Best Books for NEET Syllabus Preparation.'

Step 4: Frequent Revisions of Important Chapters

Here comes the most important part of studying the NEET 2024 syllabus. Frequent revisions of the important chapters are a must for candidates who

wish to analyze their performance and memorize the key points better. Revisions not only help in memorizing the topics but also speed up the preparation process by allowing candidates to utilize more time on other topics instead of struggling with the same one for hours.

Step 5: Revision is Key

Proper revision sessions will help candidates master the art of time management, as frequent practice boosts the ability to answer all questions within the stipulated time period. After revising the NEET 2024 syllabus, all candidates must approach the syllabus topic-wise and solve sample questions.

How To Study from Textbooks

- **Step 1:** Create a Proper Timeline
- **Step 2:** Focus on Concepts and Avoid Memorizing Everything
- **Step 3:** Rely on Best Study Materials
- **Step 4:** Frequent Revision of Chapters.
- **Step 5:** Revision is Key.

<INACTIVE> NEET 2024 Syllabus - Advantages of Preparation

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The NEET UG 2024 examination stands as a fiercely competitive test in India for gaining admission to undergraduate medical and dental courses. The NEET syllabus encompasses Physics, Chemistry, and Biology (Botany and Zoology), covering topics typically taught in class 11th and Class 12th. Aspirants in the medical field should carefully consider the following points regarding the importance of thoroughly reviewing the entire NEET syllabus PDF for their preparation:

1. Comprehensive Coverage of Syllabus for Effective NEET Preparation:

Preparation: The NEET syllabus is meticulously crafted to encompass a broad spectrum of scientific topics. A diligent study of the official syllabus ensures that candidates do not overlook any crucial subject, allowing them to plan their preparation systematically.

2. Focused Preparation with Syllabus PDF:

The syllabus PDF aids in maintaining focus on specific topics, especially those recently added and likely to appear in the upcoming exam. It prevents wastage of time on irrelevant or less significant subjects, streamlining the preparation process.

3. Understanding the NEET Exam Pattern:

Studying the NEET UG syllabus 2024 provides valuable insights into the [NEET exam pattern 2024](#). Understanding the weightage of each section and the distribution of questions enables aspirants to allocate their time and efforts effectively during the preparation phase.

4. Resource Management for NEET UG 2024 Exam:

A clear comprehension of the NEET syllabus empowers candidates to select appropriate study materials and resources aligned with the specified topics. This prevents overwhelm from unnecessary study materials and enhances efficient resource utilization.

5. Staying Up-to-date with Official Guidelines:

It is imperative for candidates to stay connected with the official website to stay informed about any recent updates. The NEET syllabus, provided by the official examination authorities, undergoes minor changes every year. Studying the official document ensures alignment of preparation with the guidelines set by the examiners.

Also Read:

[NEET 2024 Preparation Tips for Physics](#)

[**NEET 2024 Preparation Tips for Chemistry**](#)

[**NEET 2024 Preparation Tips for Biology**](#)

NEET 2024 Physics Syllabus - Class Wise <INACTIVE>

The NTA NEET Syllabus for Physics 2024 consists of 20 units, 10 from class 11 and 10 from class 12. This NEET 2023 Physics Syllabus will mainly include topics from Class 11 and 12 NCERT Books and a few topics from other state boards. Check out the table below to know what all topics are included in NEET 2024 syllabus for Physics as per class 11th and class12th:

Class 11th Physics Topics

Laws of Motion

Physics and measurement

Work, Energy and Power

Kinematics

Properties of Solids and Liquids

Thermodynamics

Rotational Motion

Gravitation

Oscillations and Waves

Kinetic Theory of Gases

Class 12th Physics Topics

Current Electricity

Electrostatics

Optics

Electromagnetic Induction and Alternating Currents

Dual Nature of Matter and Radiation

Magnetic Effects of Current and Magnetism

Electromagnetic Waves

Electronic Devices

Atoms and Nuclei

Experimental Skills

NEET 2024 Chemistry Syllabus - Classwise <INACTIVE>

The NEET 2024 syllabus for chemistry is compiled by including an almost equal number of chapters from class 11th and class 12th. This will help aspirants in building essential knowledge and concepts from both classes. Refer to the table below to gain insights into the NEET classwise syllabus for Chemistry.

Class 11th NEET Syllabus Chemistry 2024

Some Basic Concepts of Chemistry

Structure of Atom

States of Matter: Liquids and Gasses

Ionic bond Covalent bond

Hydrogen

s-Block Elements (Alkali and Alkaline earth metals)

Equilibrium Equilibrium in Physical and Chemical Process

Environmental Chemistry

Electronegativity

Isobars and Isotopes

Class 12th NEET Syllabus Chemistry 2024

Solid state

Solutions

Surface Chemistry

p-Block Elements

Coordination Compounds

Chemical and Physical Property of primary alcohol Phenols, Alcohols, and Ethers

Organic Compounds Containing: Nitrogen, Amines, and Cyanides and Isocyanides

Biomolecules, Polymers And Chemistry in Everyday Life

Band theory of metals

Cleansing agents such as soaps and detergents

Atomic number	Electrochemistry
Organic Chemistry- Some Basic Principles and Techniques	Chemical Kinetics
Hydrocarbons	General Principles and Processes of Isolation of Elements
Some p-Block Elements	D and f Block Elements
Laws of Chemical Combination	Haloalkanes and Haloarenes
Redox Reactions	Aldehydes, Ketones & Carboxylic Acids
Thermodynamics	Biomolecules or Organic Compounds contain Nitrogen
Molecular Structure and Chemical Bonding	Chemistry in Everyday Life
Classification of Elements and Periodicity in Properties	Elevation of boiling point

NEET 2024 Biology Syllabus - Classwise <INACTIVE>

The topics included in the NEET syllabus for Biology are taken from class 11 and class 12 NCERT and books from other state boards. Candidates must cover these topics from the 11th and 12th classes. Candidates can first prepare topics from class 11 and then start studying topics that are included in the syllabus of Class 12. Check out the table below to know the NEET classwise syllabus for Biology released by NMC on its official website and confirmed by NTA on November 22, 2023.

Class 11th NEET Syllabus Biology 2024

Class 12th NEET Syllabus Biology 2024

Animal Kingdom	Human Welfare and Biology
Human Physiology	Fluids, body, and Circulation
Plant Physiology	Environment and Ecology
Structural Organization in Animals and Plant	Reproductive Health
Structural organization of animals	Diseases and Human Health
Movement Neural control & coordination and Locomotion	Reproduction
Exchange of Gases	Genetics and Evolution
Diversity in Living World	Biotechnology and its Applications
Excretory products and their elimination	Evolution
Digestion and Absorption	Biotechnology Principles

NEET Total Number of Questions- Previous Years' Data <INACTIVE>

Knowing the overall weightage of chapters from previous years' trends allow aspirants to take their preparation up significantly. Given below is the data on the number of questions asked from the NEET 2024 syllabus:

NEET 2023 Class-Wise Weightage

Check out the table below to know the class-weightage from NTA NEET Syllabus for 2023-24:

Subjects	Class 11th	Class 12th	Overall Percentage

	No. of Questions	Total Marks	No of Questions	Total Marks	Class 11th	Class 12th
Zoology	21	84	22	88	To be Updated	To be Updated
Chemistry	16	64	22	88	To be Updated	To be Updated
Physics	19	76	23	92	To be Updated	To be Updated
Botany	23	92	24	96	To be Updated	To be Updated
Total	79	316	91	364	To be Updated	To be Updated

NEET 2022 Class-Wise Weightage

Subjects	Class 11th		Class 12th		Overall Percentage	
	No. of Questions	Total Marks	No of Questions	Total Marks	Class 11th	Class 12th
Zoology	25	100	25	100	50%	50%
Chemistry	24	96	26	104	48%	52%
Physics	21	84	29	116	42%	58%
Botany	27	108	23	92	54%	46%
Total	97	388	103	412	49%	52%

NEET 2021 Class-Wise Weightage

Subjects	Class 11th		Class 12th		Overall Percentage	
	No. of Questions	Total Marks	No of Questions	Total Marks	Class 11th	Class 12th
Zoology	21	84	22	88	To be Updated	To be Updated

	No. of Questions	Total Marks	No of Questions	Total Marks	Class 11th	Class 12th
Physics	18	72	32	128	36%	64%
Zoology	28	112	22	88	65%	51%
Botany	24	96	26	104	42%	46%
Chemistry	22	88	28	112	44%	56%
Total	92	368	108	432	47%	54%

NEET 2020 Class-Wise Weightage

Subjects	Class 11th		Class 12th		Overall Percentage	
	No. of Questions	Total Marks	No of Questions	Total Marks	Class 11th	Class 12th
Botany	29	116	26	104	64%	58%
Chemistry	23	92	22	88	51%	49%
Physics	18	72	27	108	40%	60%
Zoology	19	76	16	64	42%	36%
Total	89	356	91	364	49%	51%

Importance of NEET 2024 Syllabus<INACTIVE>

Knowing the NTA NEET Syllabus 2024 is vital for the aspirants of preparing for this medical entrance exam. Here we have stated the importance in detail:

- The syllabus for this examination contains all the major topics that candidates must cover in order to ace the exam. So, candidates must be thorough with their knowledge about the NEET Syllabus 2024.
- After downloading the NEET 2024 Syllabus PDF, students can plan their NEET Preparation more effectively
- Having a knowledge of the NEET Syllabus topic-wise will help the candidates to identify their strong and weak points

NEET Syllabus 2024 PDF (Download Here)

The syllabus for NEET 2024 exam has been revised this year. The NTA NEET 2024 Syllabus PDF for Biology, Physics and Chemistry can be downloaded from this page. The revised syllabus aligns with the previous one issued by the National Medical Commission (NMC), indicating similarity. NTA has also published Frequently Asked Questions (FAQs) explaining the rationale behind the revision and clarifying topics' nomenclature. The updated syllabus excludes many chapters and subjects from the Physics, Chemistry, and Biology sections. Also, the NTA NEET 2024 Syllabus PDF has certain newly added topics and chapters.

The revised NEET 2024 syllabus was released following a petition filed by the Delhi High Court Bench as many chapters were excluded board syllabus during the covid 19 pandemic. [**NEET Deleted Syllabus 2024**](#) can be found below. The NEET UG 2024 Exam was held on May 5, 2024, and the [**NEET admit card 2024**](#) was released on May 2, 2024. Keep scrolling to check out the list of topics that are newly added and deleted from the NEET 2024 syllabus.

Exam Pattern as per NEET Syllabus 2024

Explore the examination pattern aligned with the NEET Syllabus 2024 provided below. Check out the total number of sections in each subject, total

number of questions asked from each subject, and total marks allotted for each section.

Subject	Section	Total No. of Questions	Maximum Marks
Physics	A	35	140
Physics	B	15	40
Chemistry	A	35	140
Chemistry	B	15	40
Botany	A	35	140
Botany	B	15	40
Zoology	A	35	140
Zoology	B	15	40

NTA NEET Syllabus 2024 Overview

Explore a brief overview of the NTA NEET 2024 Syllabus PDF to familiarize yourself with its subject content division, the number of questions asked in the NEET 2024 Question Paper, and the time allotted to solve questions for each subject.

Particulars	Details
Name of exam	NEET UG 2024-25
Exam conducting body	National Testing Agency (NTA)
Duration of exam	200 minutes

Syllabus available mode	Online (PDF format)
NMC NEET 2024 Syllabus - Official Website	neet.ntaonline.in
Subjects included	Physics, Chemistry, Biology
Total questions from NEET Syllabus for Physics 2024	50 (45 need to be attempted)
Total questions from NEET Syllabus for Chemistry 2024	50 (45 need to be attempted)
Total questions from NEET Syllabus for Biology 2024	100 (90 need to be attempted)
Maximum marks	720 Marks

Discover effective strategies on [**How to Prepare for NEET 2024 in 4 Months**](#) and optimize your study plan for success:

NEET UG Syllabus 2024 - Preparation Tips from Toppers

Top Tips from NEET UG Toppers for Syllabus Preparation:

Rank 1: Divide your study time wisely.

Allocate separate time slots for each subject.

Dedicate around 2 hours to Physics, 2 hours to Chemistry, and 2 ½ hours to Biology daily.

Rank 2: Focus on challenging subjects.

Identify and prioritize subjects that are difficult for you.

Allocate extra time and effort to improve in these areas.

Rank 3: Stick to a strict study routine.

Plan to cover the entire NEET 2024 Syllabus two months before the exam. Reserve the last two months for revision and solving mock tests to reinforce concepts.

Candidates can also check out the [**Best Books for NEET 2024 Recommended by Toppers!**](#)

NEET Syllabus 2024 PDF Download

NMC released the NEET UG Syllabus 2024 PDF on October 6, 2023. The updated syllabus was very different from the NEET previous year's syllabus. Hence, many students raised queries regarding the reduced syllabus. Along with the release of the NEET application form, NTA also re-released the syllabus in the [NEET 2024 Information Bulletin](#). Aspirants can refer to the direct link given below to download the revised PDF for NEET syllabus.

NEET Syllabus by NMC

[Download PDF](#)

Since there were a few misprints in the syllabus for NEET 2024, NTA also released a PDF addressing all the Frequently Asked Questions (FAQs). Get the direct link to download the FAQs PDF released at nta.ac.in.

[FAQs NEET UG Syllabus 2024 PDF \(Download Here\)](#)

NEET 2024 Syllabus: Subject-wise PDF

Candidates must check out the NEET Syllabus 2024 Topic-Wise PDF or Subject-Wise PDF available in the table mentioned below:

Subject	Syllabus
NEET Physics Syllabus 2024	Download PDF
NEET Chemistry Syllabus 2024	Download PDF
NEET Biology Syllabus 2024	Download PDF

Take a look at the [NEET Marking Scheme 2024](#) to strategically approach the exam and maximize your scoring potential!

NTA NEET 2024 Syllabus - Detailed Topic Wise Bifurcation

Candidates can refer to the below-given breakdown of the NEET UG 2024 Syllabus in order to grasp the important topics. This will help in planning studies better.

Physics Topics - NEET UG 2024 Syllabus

Important & Easy Topics	Important & Difficult Topics	Less Important But Easy	Less Important & Difficult
<ul style="list-style-type: none">Motion in One DimensionWave OpticsSemiconductors and Communication SystemAtomic Structure in Modern PhysicsGravitation	<ul style="list-style-type: none">Laws of ThermodynamicsProperties of Matter and Fluid MechanicsCircular MotionNewton's Laws of MotionRay OpticsMagnetic Effects of CurrentRotational MotionHeat TransferWaves and SoundCurrent Electricity	<ul style="list-style-type: none">Photoelectric Effect and Electromagnetic WavesMathematics in PhysicsNuclear Physics and RadioactivityWork, Power, and EnergyThermal Properties of Matter, Calorimetry and Kinetic Theory of GasesTopics and DimensionsClassical Magnetism and Magnetic Properties of Matter	<ul style="list-style-type: none">ElectrostaticsElectromagnetic Induction and Alternating CurrentOscillations (SHM)Center of Mass and Momentum Conservation (Collision)Experimental PhysicsMotion in Two Dimension and Projectile Motion

Chemistry Topics - NTA NEET Syllabus 2024

**Important & Easy
Topics**

**Important &
Difficult Topics**

**Less Important
But Easy**

**Less Important &
Difficult**

- Chemical Thermodynamics
- Solid state
- Biomolecules and Polymers
- Classification of Elements and Periodicity in Properties
- Chemical Kinetics
- Alkanes, Alkenes, and Alkynes (Hydrocarbons)
- Amines and Diazonium salts
- Alcohols and Ethers
- Coordination Compounds
- Some Basic concepts of chemistry (Mole Concept)
- S Block Elements (Alkali and Alkaline earth Metals) and Hydrogen
- P Block Elements
- General Organic chemistry
- Chemical Bonding and Molecular Structure
- Practical and Environmental Chemistry
- Nuclear and Surface Chemistry
- Qualitative Inorganic Analysis
- General Principles and Processed Isolation of Metals (Metallurgy)
- Atomic Structure
- Chemistry in Everyday Life
- Chemical Equilibrium
- Redox Reactions and Volumetric Analysis
- Liquid and Gaseous state
- Ionic Equilibrium
- Solutions and Colligative properties
- Purification and Characterization of Organic Compounds
- Carboxylic Acid and its Derivations
- Classification and Nomenclature of Organic Compounds
- Electrochemistry
- Isomerism of organic compounds
- Haloarenes and Phenols
- D and F block elements
- Carbonyl compounds (Aldehydes and Ketones)
- Haloalkanes

Biology Topics - NEET 2024 exam Syllabus

Important and Easy Topics	Important and Difficult Topics	Less Important But Easy	Less Important and Difficult
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- Environmental Issues
- Human Health and Disease
- Biological Classification
- Sexual Reproduction in Flowering plants
- Molecular Basis of Inheritance
- Body Fluids and Circulation
- Chemical Coordination and integration
- Animal Kingdom
- Principles of inheritance and variation
- Breathing and Exchange of Gases
- Plant Kingdom
- Cell - The Unit of Life
- Photosynthesis in Higher plants
- Biodiversity and Conservations
- Digestion and Absorption
- Reproductive Health
- Human Reproduction
- Morphology of Flowering Plants
- Cell Cycle and Cell Division
- Biotechnology - Principles and Processes
- Excretory Products and their Elimination
- Evolution
- Strategies for Enhancement in Food Production
- Ecosystem
- The Living World
- Mineral Nutrition
- Neural Control and Coordination
- Respiration in Plants
- Locomotion and Movement
- Transport in Plants
- Biotechnology and its Applications
- Microbes in Human Welfare
- Structural Organisation in Animals
- Plant Growth and Development
- Anatomy of Flowering Plants
- Organisms and Populations
- Biomolecules
- Reproduction in Organisms

NEET Deleted Syllabus 2024 - Topics Deleted From Physics, Chemistry & Biology

During the pandemic, many school boards, such as the Maharashtra State Board of Secondary and Higher Secondary Education, Bihar School Education Board, Jammu and Kashmir Board of School Education, National Institute of Open Schooling (NIOS), Board of Secondary Education Manipur, and Nagaland Board of School Education, reduced the syllabus for class 11 and class 12. As a result, the authorities had to trim down the syllabus for NEET 2024. Here is a list of the topics that were removed from the NTA NEET 2024 Syllabus PDF.

NEET Reduced Syllabus 2024

Subjects	NEET Deleted Syllabus 2024
Deleted Topics from NEET Syllabus for Biology 2024	<ol style="list-style-type: none">1. Digestion and Absorption2. Environmental Issues3. Transport in Plants4. Reproduction in Organisms5. Angiosperm6. Mineral Nutrition7. Alternation of Generation8. Taxonomic Aid9. Strategies for Enhancement in Food Production
Deleted Topics from NEET Syllabus for Chemistry 2024	<ol style="list-style-type: none">1. Class 11 NCERT Books<ul style="list-style-type: none">• Hydrogen• s-block• States of Matter• Environmental Chemistry2. Class 12 NCERT Books<ul style="list-style-type: none">• Polymer• Solid State• Surface Chemistry• Chemistry in Everyday Life• Metallurgy

Deleted Topics from NEET Syllabus for Physics 2024

- Rolling Motion
- Transistor
- Davison-Germer Experiment
- Colour coding of resistors
- Alpha, Beta, Gamma Decay
- Cyclotron
- Heat Engine & Refrigerator
- Doppler Effect
- Reynold's Number
- Forced and Damped Oscillation
- Van de Graft generator
- Potentiometer

NEET Syllabus 2024: Total Number of Chapters and Units

The NEET 2024 Syllabus PDF consists of 50 units which includes a total of 79 chapters covering Physics, Chemistry, and Biology. A total of 20 units are from Physics, 20 from Chemistry and 10 from Biology. The table below demonstrates the number of units in the syllabus of the [**NEET UG 2024 Exam**](#) in class 11 and class 12, separately.

Subject	Number of Units in Class 11	Number of Units in Class 12
NEET Chemistry Syllabus 2024	14	6
NEET Biology Syllabus 2024	5	5
NEET Physics Syllabus 2024	10	10
Total	29	21

Candidates preparing for the medical exam can find the essential details about the **NTA NEET 2024 Syllabus PDF** below. They can also check out the [**Preparation Tips for NEET 2024 Along with Board Exams**](#).

How to Cover NEET 2024 Syllabus in Time

Here are some strategies to effectively cover the NTA NEET Syllabus 2024:

1. Obtain and Organize the Syllabus: Start by downloading the NEET 2024 Syllabus from the provided link. Divide it into smaller sections and create a study schedule that suits your pace. Allocate specific times for each section to ensure focused preparation.

2. Prioritize Important Topics and Use Recommended Resources: Identify key topics based on their importance in the NEET Syllabus. Seek guidance from experts and choose appropriate study materials. Begin with crucial topics to build a strong foundation for the exam.

3. Implement Effective Study Techniques and Practice Regularly: Take concise notes while studying to aid quick revision, given the vast syllabus of NEET 2024. Practice questions from mock tests and previous exam papers to get familiar with the exam pattern and reduce anxiety. Stick to a consistent study routine for best results.

Remember, covering the NEET 2024 syllabus thoroughly is crucial for achieving high scores. Stay committed to your study plan and keep your focus on the end goal.

NTA NEET Syllabus 2024 - Chapter Wise Marks Distribution

In order to understand the NEET Syllabus 2024 Chapter-wise, students must be well-versed with marks distribution for each subject. Here is the NTA NEET Syllabus Chapter-Wise marks distribution:

NEET Syllabus 2024 for Botany - Chapter Wise Weightage

Check out the table given to analyse the chapter-wise weightage of NEET Syllabus for Botany 2024.

Botany Chapters	Number of Questions Asked	Weightage
Cell Biology – Introduction, Prokaryotic Cell	5	10%

Application Biology (Biotechnology) - Principles of Biotechnology	4	8%
Sexual Reproduction in Flowering Plants - Sexual Reproduction Introduction	4	8%
Genetics II - Nucleic Acids (The Generic Material, DNA, RNA)	4	8%
Plant Physiology-II-Plant growth and Growth Hormones - Growth and Development	4	8%
Ecology-Organisms and Population - Introduction, Abiotic factors, Responses to abiotic factors	2	4%

NEET Syllabus 2024 for Zoology - Chapter Wise Weightage

Candidates can refer to the table mentioned below for Chapter-wise weightage of NEET 2024 syllabus for Zoology.

Zoology Chapters	Number of Questions Asked	Weightage
Cell Biology - Introduction, Prokaryotic Cell	4	8%
Genetic II - Nucleic Acids (The Generic Material, DNA, RNA)	3	6%
Human Reproduction and Reproductive Health - Male Reproductive System	6	12%
Animal Kingdom-1 - Porifera	4	8%

Biology In Human Welfare-Human Health and Disease - Diseases caused by virus		6%
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Chemical Coordination and Integration -Endocrine Gland	3	6%
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NEET Syllabus 2024 for Physics - Chapter-Wise Weightage

Check out the table below to know about chapter wise weightage of NEET 2024 Syllabus for Physics.

Chapter Name	Number of Questions Asked	Weightage
Alternating current	1	4%
Current electricity	2	8%
Dual Nature of Radiation and Matter	2	6%
Electrostatic Potential and Capacitance	1	4.5%
Electric Charges and Fields	1	4.5%
Electromagnetic waves	1	5%
Work, Energy and Power	1	4%
Thermodynamics	2	9%
System of Particles and Rotational Motion	1	5%
Wave optics	1	5%

Ray optics and optical instruments	1	5%
Semiconductor Electronics: Materials, Devices and Simple Circuits	2	6%
Total	45	100

NEET Syllabus 2024 for Chemistry - Chapter Wise Weightage

Here's data regarding the chapter-wise weightage of NEET 2024 Syllabus for Chemistry.

Chapter Name	Number of Questions Asked	Weightage
Alcohols, Phenols and Ethers	2	4%
d-and f-block elements	2	4%
Equilibrium	3	6%
Solutions	2	5%
Thermodynamics	4	8%
Aldehydes, Ketones and Carboxylic Acids	2	4%
Coordination Chemistry	4	9%
Chemical bonding	2	5%

Also Read: [NEET 2024 Subject and Chapter-wise Weightage](#)

NEET UG Syllabus 2024: Newly Added Topics

Apart from reducing the NEET 2024 syllabus, it is also observed that certain topics have been added to the NEET 2024 syllabus. Medical aspirants can check out the table provided below to get the complete list of newly added topics in the NEET syllabus for Physics, Chemistry and Biology.

NEET Physics Syllabus 2024: List of Newly Added Topics

Unit	Unit Name	New Topics Added in NEET 2024 Physics Syllabus
1	Kinematics	Resolution of Vector
3	Magnetic Effects of Current and Magnetism	Effect of Temperature on Magnetic Properties
6	Gravitation	<ul style="list-style-type: none">• Energy of a Satellite• Motion of a satellite• Time Period
7	Properties of Bulk Matter/ Properties of Solids and Liquids	<ul style="list-style-type: none">• Pascal's law and its applications• Pressure due to a fluid column• Effect of Gravity on Fluid Pressure
9	Behaviour of Perfect Gas and Kinetic Theory	<ul style="list-style-type: none">• Degrees of Freedom• RMS speed of Gas Molecules• Avogadro's Number
17	Dual Nature of Matter and Radiation	Dual Nature of Radiation
20	Experimental Skills	Complete Unit has been newly added to the NEET 2024 Physics Syllabus.

NEET Chemistry Syllabus 2024: List of Newly Added Topics

Unit	Unit Name	New Topics Added in NEET 2024 Chemistry Syllabus
2	Structure of Atom	Bohr Model of Hydrogen Atom <ul style="list-style-type: none">• Fajan's Rule
3	Chemical Bonding and Molecular Structure	<ul style="list-style-type: none">• Elementary Idea of Metallic Bonding• Concept of Ionic and Covalent Bonds• Kossel - Lewis Approach to Chemical Bond Formation
4	Chemical Thermodynamics	<ul style="list-style-type: none">• System and Surroundings• Types of Processes• Fundamentals of Thermodynamics• Extensive and Intensive Properties' State Functions• First and Second Law of Thermodynamics
7	Redox Reactions and Electrochemistry	<ul style="list-style-type: none">• Molar Conductivities Variation with Concentration• Electrolytic and Metallic Conduction• Kohlrausch's Law and Its Applications• Conductance and their Electrolytic Solutions• Electrochemical Cells
8	Chemical Kinetics	<ul style="list-style-type: none">• Collision Theory of Bimolecular Gaseous Reactions without Derivation• Pressure

11	D and F Block Elements	Transition Elements	
13	Purification and Characterisation of Organic Compounds	<ul style="list-style-type: none"> Differential extraction Distillation Purification Crystallization Chromatography Calculations of empirical formulae and molecular formulae Quantitative analysis - Estimation of carbon, nitrogen, hydrogen, sulphur, phosphorus and halogens. Numerical problems in organic quantitative analysis 	
15	Hydrocarbons	<ul style="list-style-type: none"> General methods of preparation IUPAC nomenclature Classification of isomerism Reactions 	
16	Organic Compounds Containing Halogen	<ul style="list-style-type: none"> General Methods of Preparation Mechanisms of Substitution Reactions Environmental effects of iodoform freons, chloroform, and DDT and its uses. 	
20	Principles Related to Practical Chemistry	Complete Unit has been newly added to the NEET 2024 Chemistry Syllabus.	

NEET Biology Syllabus 2024: List of Newly Added Topics

Unit	Unit Name	Topics	Remarks
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2	Structural Organisation in Animals and Plants	Insect (Frog)	Printing Mistake in the Updated NEET Syllabus as frogs belong from subphylum amphibia, not arthropods (phylum for insects)
2	Structural Organisation in Animals and Plants	Family (Malvaceae, Cruciferae, Leguminoceae, Compositae, Gramineae)	Added in Revised Syllabus for NEET 2024 Exam

NEET 2024 Syllabus - New NCERT Books or Old NCERT Books

The updated NEET 2024 syllabus for Class 11th and 12th integrates 79 chapters from the previous NCERT books. This means NEET aspirants no longer need to buy new NCERT Books. The revised syllabus encompasses all topics from the old editions, enabling students to study specific subjects without acquiring new books.

For those utilizing old NCERT books, there's no requirement to procure new ones. The alteration in the NEET 2024 syllabus is aimed at reducing confusion for first-time exam takers by excluding questions from outdated materials. Due to the elimination of certain topics from state boards amid the COVID-19 pandemic, this year's NEET syllabus has been trimmed down. Therefore, students are advised to continue their preparation using either old or new NCERT books and avoid purchasing additional ones. Topics not covered in the new or old NCERT books can be accessed online in PDF format.

NEET Syllabus 2024: Best Books

Discover a curated selection of the best books tailored to the NEET Syllabus 2024 for Biology, Chemistry and Physics, ensuring comprehensive preparation for success in the examination.

Subject Name of Books

Biology Class 11 and Class 12 NCERT Biology textbooks

Trueman's Objective Biology for NEET by M.P. Tyagi

GRB Bathla's Publications for Biology

Biology Vol. 1 and 2 by Pradeep Publications

Objective Biology by Dinesh

Class 11 and Class 12 NCERT Books for Chemistry

Physical Chemistry by O.P. Tandon

Chemistry Concise Inorganic Chemistry by J.D. Lee

Organic Chemistry by Morrison and Boyd

Modern's ABC of Chemistry for Class 11 and 12 by S.P. Jauhar

Objective Physics for NEET by D.C. Pandey

Concepts of Physics (Vol. 1 & 2) by H.C. Verma

Physics

Problems in General Physics by I.E. Irodov

Fundamentals of Physics by Halliday, Resnick, and Walker

Refer to the [Best Books for NEET 2024 Preparation](#) for detailed list of books required targeting specific topics.

NEET 2024 Syllabus for Biology

Mentioned below are the units that are included in the NEET 2024 Syllabus for Biology.

Units

Updated Syllabus for NEET 2024 Biology

Unit 1	Diversity in Living World
Unit 2	Ecology and Environment
Unit 3	Structural Organisation in Animals & Plants
Unit 4	Plant Physiology
Unit 5	Genetics and Evolution
Unit 6	Biology and Human Welfare
Unit 7	Reproduction
Unit 8	Human Physiology
Unit 9	Biotechnology and its Applications
Unit 10	Solutions

In NEET 2024 Syllabus for Biology, there was a misprint. The line 'insect (frog) mentioned in Unit 2 "Structural Organisation in Animals and Plants" has to be read as 'of an insect and Frog'. This doubt was cleared by NTA in its FAQs PDF released on November 22, 2024. There are no other misprints in the syllabus. Candidates can start their preparation without any delay, as the NMC NEET 2024 syllabus PDF is the final syllabus. No changes in the syllabus will be introduced.

NEET 2024 Syllabus for Chemistry

Enlisted below are the units included in the NEET 2024 syllabus for Chemistry.

Units	Updated Syllabus for NEET 2024 Chemistry
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NEET 2024 Syllabus for Organic Chemistry

- Unit 1 Purification and Characterisation of Organic Compounds
- Unit 2 Hydrocarbons
- Unit 3 Some Basic Principles of Organic Chemistry
- Unit 4 Organic Compounds Containing Nitrogen
- Unit 5 Organic Compounds Containing Oxygen
- Unit 6 Organic Compounds Containing Halogens
- Unit 7 Principles Related to Practical Chemistry
- Unit 8 Biomolecules

NEET 2024 Syllabus for Inorganic Chemistry

- Unit 9 P Block Elements
- Unit 10 Classification of Elements and Periodicity in Properties
- Unit 11 Co-ordination Compounds
- Unit 12 D and F Block Elements

NEET 2024 Syllabus for Physical Chemistry

- Unit 13 Some Basic Concepts in Chemistry
- Unit 14 Chemical Bonding and Molecular Structure
- Unit 15 Atomic Structure

Unit 16	Solutions
Unit 17	Chemical Thermodynamics
Unit 18	Redox Reaction and ElectroChemistry
Unit 19	Equilibrium
Unit 20	Chemical Kinetics

NEET 2024 Syllabus for Physics

Here's a list of units included in the revised NTA NEET Syllabus 2024 PDF-

Units	Updated Syllabus for NEET 2024 Physics
Unit 1	Physics and Measurement
Unit 2	Laws of Motion
Unit 3	Kinematics
Unit 4	Work, Energy and Power
Unit 5	Gravitation
Unit 6	Thermodynamics
Unit 7	Properties of Solids and Liquids
Unit 8	Kinetic Theory of Gases
Unit 9	Electrostatics

Unit 10	Magnetic Effects of Current and Magnetism
Unit 11	Current Electricity
Unit 12	Electromagnetic Induction and Alternating Currents
Unit 13	Optics
Unit 14	Oscillations and Waves
Unit 15	Atoms and Nuclei
Unit 16	Electrostatics and Electromagnetic Wave
Unit 17	Dual Nature of Matter and Radiation
Unit 18	Electronic Devices
Unit 19	Rotational Motion
Unit 20	Experimental Skills

NEET 2024 Syllabus - Important Chapters

Here are the important chapters essential from the revised NEET syllabus 2024 for Biology, Physics, and Chemistry. These topics are high-weightage, and preparing them thoroughly can help aspirants ace the entrance examination.

Important Chapter from NEET Physics Syllabus

Important Chapter from NEET Biology Syllabus

Important Chapter from NEET Chemistry Syllabus

- Work, Energy and Power
- Rotational Motion
- Laws of Motion
- Kinematics
- Optics
- Modern Physics
- Heat and Thermodynamics
- Magnetism and Current Electricity
- Electrostatics and Semiconductors
- Biotechnology
- Evolution
- Ecology
- Human Physiology
- Genetics
- Plant Physiology
- Cell Structure and their Function
- Electrochemistry
- Equilibrium
- S, P, D, and F-Block Elements
- Atomic Structures
- Coordination Compounds
- Chemical Kinetics
- Hydrocarbons
- Molecular Structure and Chemical bonding
- Aldehydes, Ketones, and Carboxylic Acids

How to Cover the NEET Syllabus 2024?

Follow the steps [NEET 2024 Preparation Tips](#) to cover the syllabus on time-

- Divide Time: Split the study time between each subject into parts and focus on each part.
- Use Good Books: Read from trusted books and online materials that match NEET Syllabus 2024.
- Practice: Solve lots of practice questions and old papers to get better at solving problems.
- Clear Doubts: Don't be afraid to ask teachers or search online if you don't understand something.
- Review: Go over what you learned regularly to remember it better.
- Stay Healthy: Get enough sleep, eat well, and exercise to stay focused and do better in your studies.

Related Articles:

[How to Prepare for NEET from Class 12th](#)

[How to Prepare for NEET from Class 9th](#)

[NEET 2024 Revision Tips](#)

[How to Prepare for NEET from Class 11th](#)

[30 Days Study Plan for NEET 2024](#)

[Last Month Preparation Tips for NEET 2024](#)