

Jamia Millia Islamia

Major, Minor, DSC & Common Pool Courses under NEP for UG Programs

(Faculties of Humanities & Languages/Faculty of Social Sciences/Faculty of Sciences/Faculty of Life Sciences/Faculty of Management Studies/Faculty of Fine Arts)

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NEP UG Program Credit Distribution Template & Syllabi may be seen [here](#).

List of Major Courses
(Updated on February 17, 2025)

	Department/Centre	Name of the Major Courses (8 credits)
	I SEMESTER	
Major Courses I Semester	Department of Art Education	Theory of Art Education (2) , Painting (3), Drawing (3)
	Department of Chemistry	Inorganic Chemistry-I: Atomic Structure & Chemical Bonding Physical Chemistry-I: States of Matter & Ionic Equilibrium Practical (Inorganic Chemistry-I & Physical Chemistry-I)
	Department of English	Background to English Literature Poetry - I
	Department of History & Culture	The Ancient World: From the Earliest Times till the 5th Century AD History of India: Prehistory to 8th Century CE
	Department of Islamic Studies	Cultural History of Islam: The period of the Prophet Muhammad (PBUH) Cultural History of Islam: The pious Caliphate
	Department of Geography	Geomorphology Climatology and Oceanography
	Department of Mathematics	Calculus Analytical Geometry
	Department of Persian	Applied Persian Grammar & Translation Persian Text & Exercises
	Department of Physics	Mathematical Physics - I Mechanics-I
	Department of Sanskrit	Entry Level Sanskrit Principles of Management in the Gita
	Department of Sociology	Introduction to Sociology Indian Society: Text and Context
	Department of Urdu	اردو شاعری کی اصناف اردو نثر کی اصناف
	II SEMESTER	
	Department of Arabic	Text & Composition 2 Grammar & Translation

Major Courses II Semester	Department of Biosciences	Cell Biology Lab Course - II
	Department of Chemistry	Organic Chemistry-1 Physical Chemistry-2
	Department of Economics	Microeconomics- II Mathematical Methods for Economics-II
	Department of Foreign Languages	BA (Hons.) French and Francophone Studies a) Communicative French-II A b) Communicative French-II B BA (Hons.) Spanish and Latin American Studies a) Communicative Spanish-II A b) Communicative Spanish-II B BA (Hons.) Korean Language a) Listening Comprehension, and Oral Expression-II b) Reading Comprehension, Writing Skills and Contextual Grammar- II BA (Hons.) Turkish Language & Literature a) Communicative Turkish - A 2 (Oral Comprehension & Expression) b) Functional Grammar - A 2 (Reading Comprehension & Writing Skills)
	Department of Geography	Human Geography Geography of India
	Department of History	History of India: 8th Century to 1757 CE Medieval World: Fifth to the Fifteenth Century
	Department of Mathematics B.Sc. (Hons) Mathematics	Differential Equations Probability and Statistics
	Department of Mathematics B.Sc. (Hons) Applied Mathematics	Differential Equations Probability and Statistics
	Department of Persian	Applied Persian Grammar & Translation Persian Text & Exercises
	Department of Physics	Electricity Magnetism I Thermal Physics
	Department of Sanskrit	Principles of Management in the Gita Prose
	Department of Sociology	Classical Sociological Theory Introduction to Social Research
	Department of Urdu	History of Urdu Language and Literature Non Fictional Prose

List of Minor Courses
(Updated on February 17, 2025)

	Department/Centre	Name of the Minor Courses (4 credits)
Minor Courses I Semester	Department of Art Education	Applied Art (2), Sculpture (2), Printmaking (2), History of Art (2)
	Department of Chemistry	General Chemistry-I (Theory) General Chemistry-I (Practical)
	Department of Computer Science	Programming with C
	Department of English	History of English Literature
	Department of History	History of Delhi from Ancient to Modern Times
	Department of Islamic Studies	Cultural History of Islam: The period of prophet Muhammad (PBUH) and the pious Caliphate
	Department of Geography	World Geography
	Department of Persian	Origin & Development of Persian Language
	Department of Physics	Mechanics-I
	Department of Mathematics	Basic Calculus
	Department of Sanskrit	Elementary Sanskrit
	Department of Sociology	Invitation to Sociology
	Department of Urdu	جدید اردو شاعری

	II SEMESTER	
Minor Courses II Semester	Department of Arabic	Essential of Arabic Level II
	Department of Biosciences	Physics <i>Limited to Faculty Students Only</i>
	Department of Chemistry	Physical Chemistry-1
	Department of Computer Science	Digital Logic Design
	Department of Economics	History of English Literature
	Department of Foreign Languages	Minor Courses offered by the Department a) German for Beginners - II b) Japanese for Beginners - II

	Department of Geography	Population Geography
	Department of History	History of India: Prehistory to 8th Century CE
	Department of Mathematics	Ordinary Differential Equations
	Department of Persian	Development of Persian Language After Islam (Semester - II)
	Department of Physics	Mathematical Physics (Semester - II)
	Department of Sanskrit	Katha Literature (Semester - II)
	Department of Sociology	Sociological Perspectives (Semester - II)
	Department of Urdu	Urdu Journalism (Semester - II)

List of Disciplinary Specific Core Courses
(Updated on February 17, 2025)

	Department/Centre	Name of the Disciplinary Specific Core Courses (4 credits)
Discipline Specific Courses I Semester	Department of Chemistry	Organic Chemistry-I (Theory) Organic Chemistry Practical-I
	Department of Computer Science	Programming with C
	Department of History	History of India: Prehistory to 8th Century CE
	Department of Mathematics	Calculus
	Department of Physics	Mechanics-I
	SEMESTER - II	
Discipline Specific Courses II Semester	Department of Chemistry	Inorganic Materials of DSE-2 3 Industrial Importance
	Department of Computer Science	Digital Logic Design
	Department of Economics	Principles of Macroeconomics
	Department of Mathematics	Differential Equations
	Department of Persian	Applied Persian Grammar & Translation Persian Text & Exercises
	Department of Physics	Mathematical Physics I
	Department of Sociology	Society in India

List of Skill Enhancement Courses
(Updated on February 17, 2025)

	Department/Centre	Name of the Skill Enhancement Course (3 credits)
Skill Enhancement Courses I Semester	Centre for Interdisciplinary Research in Basic Sciences	Computational Laboratory I
	Department of Applied Art	Sketching
	Department Of Arabic	Communicative Arabic
	Department Of Biosciences	Animal Diversity-I
	Department Of Biotechnology	Biotechnology and Human Welfare
	Department of Chemistry	Chemistry Lab Standard Operations and Safety Measures Chemistry Lab Standard Operations and Safety Measures Lab
	Department Of Computer Science	Algorithmic Computation
	Department Of Economics	Data Visualization for Economics
	Department of English	Review Writing
	Department of Foreign Languages	Elementary Japanese: Level-1
	Department of Foreign Languages	Elementary German: Level-1
	Department of Foreign Languages	Elementary Korean: Level-1
	Department Of Geography	Understanding Maps
	Department Of History & Culture	Environmental History of India
	Department of Hindi	कार्यालयी हिन्दी
	Department of Hindi	स्वास्थ्य पत्रकारिता
	Department Of Islamic Studies	Introduction to Islam
	Department Of Mathematics	Linear Programming
	Department of Painting	Sketching
	Department Of Persian	Oral Expressions, Pronunciations & Interpretation Level-1
	Department of Physics	Analog Systems (Semester - I)
	Department Of Psychology	Stress Management
	Department Of Sanskrit	भारतीय वास्तुशास्त्रम् (Indian Architecture)
	Department Of Sociology	Learning to Read

	Department of Tourism and Travel Management	Interpretation and Tour Guiding
	Department of Urdu	اردو میں کمپیوٹر کی بنیادی مہارت

	II SEMESTER	
Skill Enhancement Courses II Semester	Department of Arabic	Written Expression
	Department of Biosciences	Animal Diversity-II
	Department of Biotechnology	Bioinformatics and Biostatistics
	Department of Chemistry	Analytical Methods in Chemistry
	Department of Computer Science	Programming with Python
	Department of Economics	Introduction to Indian Statistical System
	Department of Foreign Languages	a) Elementary Korean Level - II b) Elementary German Level - II c) Elementary Japanese Level - II
	Department of Geography	Cartographic Techniques
	Department of History	Introduction to Archeology
	Department of Mathematics	Set Theory and Number Theory
	Centre for Theoretical Physics	Statistical Techniques (Limited to Faculty Students Only)
	Department of Persian	Oral Expressions, Pronunciations & Interpretation Level-2
	Department of Physics	Digital Systems
	Department of Sanskrit	Indian Philosophy
	Department of Sociology	Making Sense of Data
	Department of Urdu	Translation

Value Added Courses
(Updated on February 10, 2025)

	Department/Centre	Name of the Value Added Course (2 credits)
Value Added Courses I Semester	Centre for Interdisciplinary Research in Basic Sciences	Ecology
	Department of Art Education	Educational Visit
	Department Of Arabic	Grammar Based Translation (Level:I)
	Department Of Biosciences	Environmental Sciences
	Department Of Biotechnology	Introduction to Biodiversity
	Department of Chemistry	IT Skills and Data Analysis for Chemists (Theory) IT Skills and Data Analysis for Chemists (Practical)
	Department Of Computer Science	NA
	Department Of Economics	Introduction to Environmental Thought
	Department Of Geography	Environmental Geography
	Department of Hindi	नैति काव्य
	Department of Hindi	मीडिया और नैतिकता
	Department Of History & Culture	Making of the Indian Constitution and Its Values
	Department Of Islamic Studies	Ethics & Islam: An Introduction
	Department Of Mathematics	Latex
	Department of Painting	Museum, Art Galleries & Historical Monuments in Delhi (Visit every Saturday)
	Department Of Persian	Ethical Text, Translation & Terminologies
	Department Of Psychology	Mental Health Care
	Department Of Sanskrit	पुराणपरिचय: (Introduction to Puranas)
	Department Of Sociology	Constitutional Morality
	Department of Tourism and Travel Management	Environment and Sustainable Living
	Department of Urdu	جامعہ ملیہ اسلامیہ کے معمار
	II SEMESTER	
	Department of Arabic	Grammar Based Translation
	Centre for Jawaharlal Nehru Studies	An Introduction to Indian Society & Culture

Value Added Courses II Semester	Department of Biosciences	Ecology (Open to All)
	Department of Biotechnology	Entrepreneurship Development
	Department of Economics	Introduction to Environmental Studies
	Department of Geography	Through SWAYAM <ul style="list-style-type: none"> • Environmental Studies OR • Indian Knowledge System
	Department of History	Role of Sufis and Sufi Shrines: 13th Century to the Present
	Department of Mathematics	Through SWAYAM <ul style="list-style-type: none"> • Environmental Studies OR • Indian Knowledge System
	Department of Persian	Ethical Text, Translation & Terminologies
	Department of Sanskrit	Introduction to Upanishads
	Department of Sociology	Living with Difference
	Department of Urdu	Indian Freedom Movement and Urdu

Multidisciplinary Courses
(Updated on February 10, 2024)

	Department/Centre	Name of the Multidisciplinary Course (3 credits)
Multidisciplinary Courses I Semester	Centre for Interdisciplinary Research in Basic Sciences	Basics of Mathematics
	Centre for Jawaharlal Nehru Studies	Environment and Sustainable Development: Some issues in Contemporary India
	Department of Applied Art	Metal Craft/ Pottery/ Woodcraft/Batik/ Computer (Basic)/ Stage Art
	Department Of Arabic	Introduction to Arab World (West Asia)
	Department Of Biosciences	Bioethics and IPR
	Department Of Biotechnology	Essential Mathematics
	Department of Chemistry	Essential Food Nutrients
	Department Of Computer Science	Digital Empowerment
	Department Of Economics	Economics of Education
	Department of English	Option-1: Popular Literature: Option-2: Satire
	Department of Foreign Languages	Introduction to Katin America and the Caribbean: Society, Culture and Politics
	Department of Foreign Languages	Remarkable Journey of Korea: Ancient to Modern Era
	Department Of Geography	Environmental Issues and Management
	Department of Hindi	रचनात्मक लेखन
	Department of Hindi	सोशल मीडिया
	Department Of History And Culture	History of Happiness: Ideas and Philosophies
	Department Of Islamic Studies	Human Rights and Islam
	Department Of Mathematics	Basic Statistics
	Department of Painting	Nature Study
	Department Of Persian	Basic Persian Grammar & Simple Translation
	Department of Physics	Properties of Matter (Semester - I)
	Department Of Psychology	Environment and Behavior
	Department Of Sanskrit	संस्कृतसाहित्यपरिचय: (Introduction to Sanskrit Literature)
	Department of Social Work	Environment and Disaster Management

	Department Of Sociology	Understanding Gender
	Department of Tourism and Travel Management	Historical Perspectives on India
	Department of Urdu	اردو کی زبانی روایت اور تہذیب
	II SEMESTER	
Multidisciplinary Courses II Semester	Department of Arabic	Introduction to the Arab World (North Africa)
	Department of Biosciences	Recombinant DNA Technology (Limited to faculty students)
	Department of Biotechnology	Chemistry-I
	Department of Computer Science	Business Informatics
	Department of Economics	Financial Economics
	Department of Foreign Languages	a) Introduction to Latin America and the Caribbean Society, Culture & Politics-II b) Korean Peninsula from 1910 to 1953
	Department of Geography	Environmental Policies and Challenges
	Department of History	Women in Indian History
	Department of Mathematics	Elementary Calculus Theory
	Department of Sanskrit	Vedic Culture
	Department of Sociology	Media, Culture And Society
	Department of Persian	Persian Grammar and Translation
	Department of Physics	Experimental Techniques
	Department of Urdu	Modern Fiction: Novel, Short Story