

Department of Teacher Education
School of Education
Central University of Bihar
B. A. B.Ed. and B. Sc. B. Ed. Programme (Total VIII Semesters)

List of Courses in Integrated B. A. B. Ed. and B. Sc. B. Ed. Programme

Semester – I					
Education Courses (8 Credits)					
Course Code	Course Title				Credits
EDU 101	Language Proficiency				2
EDU 102	Holistic Education				2
EDU 103	Indian Society, Education and Development				4
03 Non-Credit Courses namely, Fine Arts in Education, Physical Education and Yoga, Performing Arts in Education.					
BA Courses (Three Subjects of 4 Credit each as per the offered combination)			BSc Courses (Three Subjects of 4 Credit each as per the offered combination)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	f gan hHkk "kk ,oa lkfgR; % mn~Hko ,oa fodkl	4	PHY 101	Mechanics - 3 credit + Practical – 1 Credit	4
ECO 101	Basic Principles of Economics	4	CHE 101	ATOMIC STRUCTURE, BONDING AND FEATURES OF s- and p-BLOCK ELEMENTS	4 (3L+1P)
PSC 101	Basic Principles of Political Science	4	ALS 101	Animal Taxonomy	4(3L+1P)

HIS 101	Ancient Indian History upto 1206 A.D.	4	PTS 101	Plant Taxonomy	4 (3L+1P)
Semester – II					
Education Courses (8 Credits)					
Course Code	Course Title				Credits
EDU 151	Language Proficiency				2
EDU 152	Environmental Education				2
EDU 153	Cognitive Psychology				2
EDU 154	Basics in Education				2
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	çkphu , oa e / ; dkyhudkO;	4	PHY 151	Elasticity, Waves, Thermodynamics - 3 credit + Practical – 1 Credit	4
ECO 151	Microeconomics	4	CHE 151	STATES OF MATTER AND NUCLEAR CHEMISTRY	4 (3L+1P)
PSC 151	Indian Government and Politics	4	ALS 151	Biochemistry & Cell Biology	4(3L+1P)
HIS 151	Medieval Indian History 1206 to 1756	4	PTS 151	Genetics & Evolution	4(3L+1P)
Semester – III					
Education Courses (9 Credits)					
Course Code	Course Title				Credits

EDU 201	Psychology of Learning and Learner				2
EDU 202	Secondary Education in India				2
EDU 203	Human Abilities and Measurement (HAM)				2
EDU 204	Practicum in HAM				2
EDU205	Yoga Education				1
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 201	Introduction to English Literature II: Understanding Drama	4	MTH 201	Linear Algebra	4
HIN 201	f g a n h d F k k l k f g R ; % m n ~ H k o] f o d k l , o a i k B ¼ d g k u h , o a m i U ; k l ½	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 Credit	4
ECO 201	Macroeconomics	4	CHE 201	ORGANIC CHEMISTRY	4 (3L+1P)
PSC 201	Indian Political Thought	4	ALS 201	Molecular Biology & Immunology	4(3L+1P)
HIS 201	Modern Indian History 1757 to 1857	4	PTS 201	Ecology & Environmental Biology	4(3L+1P)
Semester – IV					
Education Courses (9 Credits)					
Course Code	Course Title				Credits
EDU 251	ICT in Education				4
EDU 252	Assessment of Learning				2

EDU 253	Educational Statistics				2
EDU 254	Community Awareness and Participation				1
BA Courses (Three Subjects of 4 Credit each as opted in Semester-I)			BSc Courses (Three Subjects of 4 Credit each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH 251	Analysis- II	4
HIN 251	vk/kqfud fganh dkO;	4	PHY 251	Optics and Lasers - 3 credit + Practical – 1 Credit	4
ECO 251	Indian Economy: Problems and Prospects	4	CHE 251	PHYSICAL CHEMISTRY-I: THERMODYNAMICS, EQUILIBRIUM AND SOLUTIONS	4 (3L+1P)
PSC 251	International Relations From 1914 to the Present	4	ALS 251	Animal Biodiversity	4(3L+1P)
HIS 251	Modern Western Civilization 1776 to 1945	4	PTS 251	Plant Biodiversity	4(3L+1P)

Semester – V

Education Courses (10 Credits)		
Course Code	Course Title	Credits
EDU 301	Curriculum Development	2
EDU 302	Pedagogy of Subjects – I	2
EDU 303	Pedagogy of Subjects – II	2
EDU 304	Education and Value Inculcation	2
EDU305	Gender, School and Society	2

BA Courses (Any two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits	BSc Courses (Two Subjects of 6 Credit each out of the three subjects opted in Semester-I)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 301	History of English Language and Literature I	3	MTH 301	Algebra I	3
ENG 302	Novels in English	3	MTH 302	Ordinary Differential Equations	3
HIN 301	History of Hindi Language and Literature I	3	PHY 301	Electronics - 3 credit + Practical – 1 Credit	4
HIN 302	History of Hindi Language and Literature II	3	PHY 302	Kinetic Theory & Statistical Mechanics	2
ECO 301	Elements of Statistics for Economic Analysis	3	CHE301	Transition Elements and Coordination Compounds	2 (2L)
ECO 302	Elements of Mathematics for Economic Analysis	3	CHE302	CHEMICAL KINETICS AND SURFACE PHENOMENA	2 (2L)
PSC 301	Western Political Thought	3	CHE303	Chemistry Practical	2 (2P)
PSC 302	Comparative Government and Politics	3	ALS 301	Animal Behaviour & Applied Animal Science	6 (4L+2P)
HIS 301	Historiography	3	PTS 301	Plant Pathology & Applied Plant Science	6 (4L+2P)
HIS 302	History of Indian National Movements 1858 to 1947	3			

Semester – VI

Education Courses (10 Credits)

Course Code	Course Title	Credits
EDU 351	Pedagogy of Subjects – I	2
EDU 352	Pedagogy of Subjects – II	2
EDU 353	Practicum : School Observation	2
EDU 354	Micro Teaching	2
EDU 355	School Management	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG352	Indian English Poetry and Drama	3	MTH 352	Partial Differential Equations and Complex Analysis	3
HIN 351	fofo/k x &:i	3	PHY 351	Quantum Mechanics - 3 credit + Practical – 1 Credit	4
HIN 352	ç;kstuewyd fganh	3	PHY 352	Relativity	2
ECO351	International Trade and Balance of Payments	3	CHE351	Organic Chemistry II	2 (2L)
ECO352	Growth and Development	3	CHE352	ORGANIC CHEMISTRY- III	2 (2L)
PSC 351	Basic Principles of Public Administration	3	CHE353	CHEMISTRY PRACTICAL	2 (2P)
PSC 352	India's Foreign Policy	3	ALS 351	Animal Physiology	6 (4L+2P)
HIS 351	India and Contemporary world	3	PTS 351	Plant Physiology and Plant Development Biology	6 (4L+2P)

HIS 352	History of West Asia in 20 th Century	3	
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Semester – VII		
Education Courses (12 Credits)		
Course Code	Course Title	Credits
EDU 401	Human Development	4
EDU 402	School Experience Programme – I	8

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG401	Literary Criticism	3	MTH 401	Algebra II	3
ENG402	Indian English Novel	3	MTH 402	Numerical Methods	3
HIN 401	ukVd ,oa jaxeap	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 Credit	4
HIN 402	vuqokn% fl)kar ,oa vuqç;ksx	3	PHY 402	Electrodynamics and Plasma Physics	2
ECO401	Public Finance	3	CHE-401	ELECTROCHEMISTRY-I (Including redox chemistry)	2 (2L)
ECO402	Money, Financial Institutions and Markets	3	CHE-402	Electrochemistry – II And photochemistry	2 (2L)
PSC 401	United Nations Organization	3	CHE-403	Chemistry Practical	2 (2P)

PSC 402	Issues in Indian Politics	3	ALS 401	Developmental Biology & Endocrinology	6(4L+2P)
HIS 401	History of far East Asia in 20 th Century	3	PTS 401	Microbiology	6(4L+2P)
HIS 402	History of South East Asia in 20 th Century	3			

Semester – VIII

Education Courses (14 Credits)		
Course Code	Course Title	Credits
EDU 451	School Experience Programme – II	8
EDU 452	Reflective Journal	2
EDU 453	Inclusive Education	2
EDU ***	Elective Course	2

BA Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits	BSc Courses (Two Subjects of 6 Credit each as opted in Semester-V)		Credits
Course Code	Course Title		Course Code	Course Title	
ENG 451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH 451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective – I	3
HIN 451	Hkkjrh; lkfgR; ,oa fganh dk yksdlkfgR;	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 Credit	4

HIN 452	Ledkyhu fganh lkfgr;	3	PHY 452	Nuclear Physics	2
ECO ***	Elective -I	3	CHE451	SPECTROSCOPY AND NATURAL PRODUCTS	2 (2L)
ECO ***	Elective-II	3	CHE452	DYES, DRUGS, MACROMOLECULES AND HETEROCYCLICS	2 (2L)
PSC 451	Regional Organizations	3	CHE453	CHEMISTRY PRACTICAL	2 (2P)
PSC 452	Gandhian Philosophy and Action	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
HIS 451	History of U.S.A. in 20 th Century	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
HIS 452	History of U.S.S.R in 20 th Century	3			

Elective Basket of Education (Semester – VIII)

Course Code	Course Title	Credits
EDU 454	Guidance and Counselling	2
EDU 455	Population Education	2
EDU 456	Education of Children with Special need	2
EDU 457	Distance Education and Open Learning	2

Elective Basket of Mathematics (Semester – VIII)

(Any One electives from the following)		
MTH 452	Linear Programming	3
MTH 453	Discrete Mathematics	3
MTH 454	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Hydrodynamics	3

Elective Basket of Economics (Semester – VIII)

(Any two electives from the following)		
ECO 451	Environmental Economics	3
ECO 452	Basic Econometrics	3
ECO 453	Financial Economics	3
ECO 454	Human Development	3

Elective Basket of English (Semester – VIII)		
(Any One electives from the following)		
ENG 452	American Literature	3
ENG 453	Literature and Nature	3
ENG 454	Women's Literature	3
ENG 455	Language and Linguistics	3

Notes:

1. This structure and the pattern of offering the courses is subject to change time to time, even during the programme duration of a particular batch to strengthen the programme's goals and objectives.
2. The students shall be bound to opt the combination of subjects out of combination(s) offered by the Department; communicated during the orientation in the beginning of Semester I and V.
3. In case of any typing error in nomenclature/code/credits of courses of BA/BSc component, the information recorded with concerned subject department will be treated as final.

Offered subject combinations in B.A.B.Ed.

Subject No.	Subject Name
I	Any one of the following: (i) English (ii) Hindi
II	History
III	Any one of the following i) Economics ii) Political Science

Offered subject combinations in B.Sc.B.Ed.

Subject No.	Subject Name	
	For Mathematics Group	For Non-Mathematics Group
I	Mathematics	Animal Science
II	Physics	Plant Science
III	Chemistry	Chemistry
