

9. Course -7: Pedagogy of School Subjects
10. Course - 9: Assessment for Learning
11. Course -11: Education for sustainable development
12. Optional Course

Student will have to select any one of the following

- i. Guidance & Counselling
- ii. Health & Physical Education
- iii. Education for peace
- iv. Education for Vocation/work experience
- v. Extension education

III Engagement with the Field – the Self, the Child, Community and School

- i. School Internship
- ii. Course on Enhancing Professional Capacities (EPC)
 - a. Course EPC1: Reading & Reflecting on Texts.
 - b. Course EPC2: Drama & Art in Education
 - c. Course EPC3: Understanding the self.
 - d. Course EPC4: Critical Understanding of ICT.

Year Wise Distribution of the Courses

Courses	Course code	Total Marks	Internal (Formative)	External (Summative)	Internal + External (Summative)
Year – 1 (July to June including exam)					
Course 1 : Childhood and Growing Up	101	100	15	70	15
Course 2 : Contemporary India and Education	102	100	15	70	15
Course 4 : Language across the Curriculum	103	100	15	70	15
Course 5 : Understanding Disciplines and Subjects	104	100	15	70	15
Course 7 : Pedagogy of two School Subjects		100	15 Each	70 Each	15 Each
1. Hindi	105	Each			
2. English	106				
3. Sanskrit	107				
4. Biological Science	108				
5. Physical Science	109				
6. Maths	110				
7. Computer Science	111				
8. Home Science	112				
9. Social Studies (SST)	113				
10. History	114				
11. Civics	115				
12. Geography	116				
13. Economics	117				
14. Commerce	118				
15. Art	119				
Course 8: Knowledge and Curriculum	120	100	15	70	15
Course 9 : Assessment for Learning	121	100	15	70	15

Courses	Course code	Total Marks	Internal (Formative)	External (Summative)	Internal + External (Summative)
Course EPC 1: Reading and Reflecting on Texts	122	50	35		15
Course EPC 2: Drama and Art in Education	123	50	35		15
School Internship I (Two to three weeks)	124	100	30		70
Total		1000	220	560	220
Six days should be allocated for practicum/field work					
Year – 2 (July to June including exam)					
	Course code	Total Marks	Internal (Formative)	External (Summative)	Internal + External (Summative)
Course 3: Learning and Teaching	201	100	15	70	15
Course 6: Gender, School and Society	202	100	15	70	15
Course 10 : Creating an Inclusive School	203	100	15	70	15
Course 11 : Education for sustainable development	204	100	15	70	15
Course 12 : Optional Course		100	15	70	15
a) Education for Vocation/work experience	205				
b) Health and Physical Education	206				
c) Education for peace	207				
d) Guidance and Counselling	208				
e) Extension education	209				
Course EPC 3: Critical Understanding of ICT	210	50	35		15
Course EPC 4 Understanding the Self	211	50	35		15
School Internship II	212	400	150		250
Total		1000	295	350	355
Tutorials, Seminar, Activities, community work, Educational Tour, scout guide camp and workshop/ Seminar for ESD etc will be the integral part of the curriculum.					

School Internship: The B.Ed. curriculum shall provide for sustained engagement with the Self, the Child, Community and School, at different levels and through establishing close connections between different curricular areas. School Internship is an integral component of B. Ed. Course. In the first year, there shall be work on the field amounting to a minimum of 4 weeks spread throughout the year. In the second year, there shall be a minimum of 16 weeks of engagement with the field for school internship. Thus, a minimum of 20 weeks (4+16) shall be allocated over the two years for tasks, assignments and school internship in the field, under the broad curricular area Engagement with the Field. The weightage of internal assessment for internship shall be 50 %.

Examination pattern:

Assessment will include both internal and external. Internal assessment will be conducted on the basis of assignments, internal exam, reflective patterns, project reports, dairies, journals and students portfolios. The summative assessment will be conducted in the following manner.

- There shall be a university examination at the end of each year as per the details of the scheme of examination.
- The minimum pass marks in each year examination shall be 40% for each theory paper and practicum and 50% for internship in teaching separately. Candidates will have to pass each theory paper and practicum separately.

Assessment: Internal 20 marks, End semester exam 80 marks, Duration of End semester Exam 3 Hours

Semester-I

S.No.	Course Code	Course Paper	Marks		Duration (Hrs.) (End Sem. Exam)
			Internal	End Sem. Exam	
1	M.Com.101	Corporate Accounting	20	80	3
2	M.Com.102	Management Principles & Practice	20	80	3
3	M.Com.103	Business Environment	20	80	3
4	M.Com.104	Managerial Economics	20	80	3
5	M.Com.105	E-Commerce	20	80	3

Semester-II

S.No.	Course Code	Course Paper	Marks		Duration (Hrs.) (End Sem. Exam)
			Internal	End Sem. Exam	
1	M.Com.201	Financial Management	20	80	3
2	M.Com.202	Marketing Management	20	80	3
3	M.Com.203	Human Resource Management	20	80	3
4	M.Com.204	Management Accounting	20	80	3
5	M.Com.205	Legal Aspects of Business	20	80	3

Semester-III

Core Paper

S.No.	Course Code	Course Paper	Marks		Duration (Hrs.) (End Sem. Exam)
			Internal	End Sem. Exam	
1	M.Com.301	International Business	20	80	3
2	M.Com.302	Research Methods & Statistics	20	80	3
3	M.Com.303	Income Tax Law & Practice	20	80	3

Elective Group

4	M.Com.304	Group A: Finance: Financial Markets & Institutions	20	80	3	✓
	M.Com.305	Group A: Finance: Security Analysis & Portfolio Management	20	80	3	✓
OR						
5	M.Com.304	Group B: Marketing: Consumer Behavior	20	80	3	X

	M.Com.300	Group B: Marketing: Marketing Communication	20	80	3	X
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Elective Group:

The Students have to opt either Finance Group or Marketing Group as specialization in M.Com 3rd semester. Student has to opt for both the available papers in selected specialization in examinations of 3rd semester as well as in 4th semester. Once a student opts for Finance or Marketing in 3rd semester he/she has to take the same specialization in 4th semester.

Semester-IV

Core Paper

S.No.	Course Code	Course Paper	Marks		Duration (Hrs.) (End Sem. Exam)
			Internal	End Sem. Exam	
1	M.Com.401	Entrepreneurship Development	20	80	3
2	M.Com.402	Banking and Insurance	20	80	3
		OR Project Report (Dissertation)*	20	80	—
3	M.Com.403	Seminar and Viva Voce**	20	80	—

Elective Group

4	M.Com.404	Group A: Finance: Working Capital Management	20	80	3
5	M.Com.405	Group A: Finance: International Finance Management	20	80	3
OR					
4	M.Com.406	Group B: Marketing: Marketing of Services	20	80	3
5	M.Com.407	Group B: Marketing: International Marketing	20	80	3

Note: * Students have to opt for either Banking or Insurance as a paper or Dissertation (Project Report). Only those students can opt for dissertation, who has secured 60 % marks in aggregate up to third semester.

Note: ** (M.Com.403) Seminar and Viva Voce (Seminar 20 marks, Viva-Voce 80 marks)

Elective Group: Students have to opt for same group of specialization which was opted in 3rd Sem. Student has to opt for both the available papers in selected specialization in examinations.

Graded Sumon Univ. 2024

Details of PG courses & Syllabus
(M. Sc. Two year course, Semester system)

Marks Distribution

Theory : External =80, Internal assessment =20 (80+20= 100) each paper
Practical: (80+ 20=100) each semester, 80 marks Practical + 20 (internal)

M.Sc I Year

Semester I:

Paper I: Classical Mechanics
Paper II: Mathematical Physics
Paper III: Astrophysics
Paper IV: Electrodynamics
Lab Course: Practical

Semester II:

Paper I: Atomic and Molecular Physics
Paper II: Solid State Physics
Paper III: Statistical Mechanics
Paper IV: Quantum Mechanics
Lab Course: Practical

M.Sc II Year

Semester III:

Paper I: Advanced Quantum mechanics
Paper II: Nuclear Physics
Paper III: Particle Physics
Paper IV: Elective (any one of the followings)
i. Condensed Matter Physics - A
ii. Electronics - A
Lab Course: Practical

Semester IV:

Paper I: Computational Physics
Paper II: Environmental Physics
Paper III: Laser and Fiber Optics
Paper IV: Elective (any one of the following)
i. Condensed Matter Physics - B
ii. Electronics - B
Lab Course: Practical

Dept. of English ①
ENVIRONMENTAL SCIENCES
ZOOLOGY Dept.

SYLLABUS : Env. Sciences
2020-2023

✓ Unit 1: Introduction to Environmental Sciences

- ✓ Multidisciplinary nature of Environmental Sciences;
- ✓ Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

✓ Unit 2: Ecosystems

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems:
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem
 - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lectures)

Unit 3: Natural Resources: Renewable and Nonrenewable Resources

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).
- Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(8 lectures)

✓ Unit 4: Biodiversity and Conservation

- ✓ Levels of biological diversity: genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- ✓ India as a mega-biodiversity nation; Endangered and endemic species of India
- ✓ Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

(8 lectures)

Unit 5: Environmental Pollution ~~Dr. S. S. S. S.~~

- Lohani Madam
- Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution
 - Nuclear hazards and human health risks
 - Solid waste management: Control measures of urban and industrial waste.
 - Pollution case studies.

(8 lectures)

✓ Unit 6: Environmental Policies & Practices

- I, II
- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Neelam
→ Prajapati

- Environment Laws: Environment Protection Act 1986; Air (Prevention & Control of Pollution) Act 1981; Water (Prevention and control of Pollution) Act 1974; Wildlife Protection Act 1972; Forest Conservation Act 1980. International agreements: Montreal protocol, Kyoto protocol and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context. (7 lectures)

✓ Unit 7: Human Communities and the Environment

Dr.
Madhuri

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management: floods, earthquake, cyclones and landslides.
- Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi). (6 lectures)

Unit 8: Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystems-pond, river, lake, forest patch, grassland, Delhi Ridge, etc.

(Equal to 5 lectures)

Suggested Readings:

M.A. (English)

Syllabus

M.A. (Part I)

SEMESTER - I

Core Courses

Course I SACL/Eng/C-101
English Literature from Geoffrey Chaucer to John Milton

Unit I: *Geoffrey Chaucer *The Canterbury Tales: 'The General Prologue'* ✓

Unit II: Edmund Spenser *The Faerie Queen, Book I* ✓

Unit III: *William Shakespeare Sonnets 18, 29, 110, 116, 130. ✓

Unit IV: *John Donne 'A Valediction: of my Name on the Window', 'Canonization', 'Death Be Not Proud' ✓

Unit V: John Milton *Paradise Lost, Book I*

* For detailed study Passages for explanation will be set from the prescribed texts.

Course II SACL/Eng/C-102
Drama excluding Shakespeare

Unit I: *Christopher Marlowe *Doctor Faustus* ✓

Unit II: Ben Jonson *The Alchemist* ✓

Unit III: *John Webster *The Duchess of Malfi* ✓

Unit IV: William Congreve *The Way of the World* ✓

Unit V: *G. B. Shaw *Man and Superman*

* For detailed study Passages for explanation will be set from the prescribed texts.

Course III SACL/Eng/C-103
Early Humanists' Literature

Unit I: Renaissance Humanism: General Background

Unit II: Desiderius Erasmus *The Education of a Christian Prince*

Unit III: Niccolò Machiavelli *The Prince*

Moi, Toril. 1985. *Sexual/Textual Politics: Feminist Literary Theory*. London: Routledge.

Showalter, Elaine. 1977. *A Literature of Their Own: British Women Novelists from Brontë to Lessing*. New Jersey: Princeton University Press.

Showalter, Elaine, ed. 1989. *Speaking of Gender*. London: Routledge.

Spivak, Gayatri Chakravorty. 1987. *In Other Worlds: Essays in Cultural Politics*. London: Routledge.

Warhol, Robyn R. and Diane Price Herndl, eds. 1997. *Feminisms: An Anthology of Literary Theory and Criticism*. London: Macmillan.

Course XXIV – Dissertation & Viva Voce ✓

M. + D. Sak

Self Study Courses: ✓

One of the following courses (one compulsory and the other elective) shall be taken by the students of B.A. English. The Heads/convener of the respective colleges shall prepare the course for their candidate with the approval of the Head of the Department of English, H. N. B. Garhwal University.

1. Language and Linguistics.
2. Popular Literature (such as the writings of Chetan Bhagat, Ruskin Bond, J. K. Rowling and A. P. J. Abdul Kalam).
3. English writings of Indian national leaders (such as M. K. Gandhi, Jawaharlal Nehru and Sarvepalli Radhakrishnan).
4. Literature and Films.
5. Literature and Theatre.

S. C. Aikant
T. 4/9/23
Professor S. C. Aikant
Head, Department of English

Head
Department of English
H. N. B. Garhwal University
(G. G. College, University)
P. O. 247001

Sri Dev Suman Uttarakhand Vishwavidyalaya

Badshahithaul, Tehri (Garhwal)

Syllabus for Postgraduate course in History

M. A. First Semester

Paper I: Historiography- Concepts and Traditions

Paper II: Sources of Indian History

Paper III: World History (1453 A.D. to 1789 A.D.)

Paper IV: Political History of Ancient India (Harappan Period to 1206 A.D.)

M. A. Second Semester

Paper I: Political History of Great Britain (1815 A.D. to 1919 A.D.)

Paper II: Political and Cultural History of Uttarakhand

Paper III: World History (1789 A.D. to 1945 A.D.)

Paper IV: Political History of Medieval India (1206 A.D. to 1707 A.D.)

Paper V: Viva-Voce / Dissertation

M.A. Third Semester

Paper I: Social, Economic and Cultural History of India (Harappan Period to 1206 A.D.)

Paper II: Social, Economic and Cultural History of India (1206 A.D.- 1707 A.D.)

Paper III: World History (1945 A.D. to 2000 A.D.)

Paper IV (a): Ecology and Environment in History

Paper IV (b): Tourism in India

Paper IV (c): Women in Indian History

M.A. Fourth Semester

Paper I: Research Methodology

Paper II: Political History of Modern India (1707 A.D. - 1857 A.D.)

Paper III: National Movement and Constitutional Development of India
(1858 A.D.- 1950 A.D.)

Paper IV: Social, Economic and Cultural History of India (1707 A.D.- 1950 A.D.)

Paper V: Viva-Voce/ Dissertation

Note:- Each Semester will have four papers of 100 marks each; out of which 80 marks will be awarded for Sessional/Internal Assessment and 20 marks will be earmarked for Sessional/Internal Assessment. The minimum marks required to pass any paper in a semester shall be 45% in theory and 45% in Sessional/Internal Assessment separately. In Semester 2nd and 4th Viva voce-Dissertation will be fifth paper having 100 marks each.