Plans of Study: B.Ed (2.5 Years) Fall 2024

Faculty of the Management and Social Sciences

Department: Humanities and Social Sciences

Description of Program

The program anchors on providing advance and applied knowledge of education management and its effective transfer through interactive and experiential learning process to achieve its mission and objectives.

Mission

To provide understanding of education as a system of effective transfer of knowledge, which would create a foundation to building advances in teaching pedagogies.

Program Education Objectives (PEOs)

- To provide a platform for acquiring a strong intellectual foundation in education management teaching pedagogies to seek advances in the knowledge domains for societal developments.

- To develop an understanding of effective communication as part of effectiveness in transfer of knowledge and development of communications skills.

- To understand applied research methods for the evaluation of teaching and learning processes in the contemporary environments.

- To develop an understanding of acting ethically, value empirical evidences, and reflect values that are underpinnings of research in teaching and learning paradigms.

Program Learning Outcomes (PLOs): Students shall be able to:-

- Demonstrate a comprehensive understanding of content knowledge, educational theories, instructional strategies, and assessment methods to effectively plan, deliver, and evaluate lessons that engage and support diverse learners.

- Apply differentiated student-centered instructional techniques to accommodate varied learning styles, abilities, and backgrounds, ensuring all students can succeed academically and socially in an equitable environment to foster collaboration, critical thinking and problem-solving skills.

- Exhibit a strong commitment to professional ethics, including respect, integrity, and confidentiality, while fostering an inclusive, equitable, and culturally responsive learning environment.

- Show a commitment to lifelong learning by staying informed of current research, technological advancements, and innovations in education that enhance instructional effectiveness and contribute to professional growth.

Semester-wise Distribution of Courses

Key: General Education: GE, Education: ED, Interdisciplinary: ID, Capstone Project (Practicum): CP, Internship: IN.

S/No	Course Code	Course Title	CH	Pre-requisite
Semester-1				
1.	ED-1101	Classroom Management (School Management)	3	
2.	ED-1102	Society School and Teacher (Teaching Profession)	3	
3.	ED-1103	General Methods of Teaching	3	
4.	ED-1104	ICT in Education (Applications of ICT)	3 (2+1)	
5.	ED-1105	Philosophy of Education	3	
6.	ED-1106	Critical Thinking and Reflective Practices	3	
Total Credit Hours Semester-1			**18**	
Semester-2				
1.	ED-1207	Foundations of Education	3	
2.	ED-1208	Inclusive Education	2	
3.	ED-1209	Educational Assessment and Evaluation	3	
4.	ED-1210	Research Methods in Education	3	ED-1104
5.	ED-1211	Education for Sustainable Development	3	
6.	ED-1212	Educational Psychology	3	ED-1105
Total Credit Hours Semester-2			**18**	
Semester-3				
1.	ED-2113	Curriculum Development	3	
2.	ED-2114	Teaching of English and Urdu	3	
3.	ED-2115	Teaching of Arts, Craft and Calligraphy	3	
4.	ED-2116	Teaching of Science and Mathematics	3	
5.	ED-2117	Contemporary Literacies	3	
6.	ED-2118	Educational Policies and Plans of Pakistan	3	
Total Credit Hours Semester-3			**18**	
Semester-4				
1.	ED-2219	Teaching of Social Studies and Islamiat	3	
2.		Elective-I	3	
3.		Elective-II	3	
4.		Elective-III	3	
5.	CP-2201	Capstone Project / Thesis	3 (0+3)	ED-1210
6.	ED-2220	Practice Teaching-I	3 (0+3)	
Total Credit Hours Semester-4			**18**	
Semesters-5				
1.		Elective-IV	3	
2.		Elective-V	3	
3.		Elective-VI	3	
4.	ED-3122	Practice Teaching-II	3 (0+3)	
5.	IN-3101	Internship	3 (0+3)	
Total Credit Hours Semester-5			**15**	
Total Credits Hours of the Program			**87**	

Specialization	
Specialization 1: Early Childhood Care and Education	
1.	Child Care and Development
2.	Early Childhood Education: History, Theory & Practice
3.	Early language and Literacy Development
4.	Models of Early Childhood Care and Education
5.	Educational Games at ECE Level
6.	Assessment of Learning in Early Years
7.	Creative Arts and Expression for Early learners
8.	Technology in Early Childhood Education
Specialization 2: Educational Research	
1.	Data Analysis: Qualitative and Quantitative Techniques
2.	Project Management
3.	Report Writing
4.	Instrument Development
5.	Technology and Tools for Educational Research
6.	Research Methods for Education in the Digital Age
7.	Research Ethics and Professional Writing
8.	Applied Research in Education
9.	Data Analysis: Qualitative and Quantitative Techniques
Specialization 3: Educational Assessment	
1.	Test Development
2.	Classroom Assessment Strategies
3.	Alternative Assessment Techniques
4.	Educational Assessment in the Digital Age
5.	Data-driven Decision Making in Educational Assessment
6.	Test Development
7.	Classroom Assessment Strategies
8.	Technology based Assessment
9.	Psychometrics and Standardized Testing
Specialization 4: Child Rights and Safety Education	
1.	Child Development and Child Welfare
2.	Children's Abuse and Safety
3.	Child Protection Law
4	Creating Safe and Inclusive Learning Environments
5.	Health Care and Hygienic Safety of Children
6.	Child Rights: Global Perspective
7.	Developing Safe Schools
8.	Child Safety and Wellbeing
Specialization 5: Educational Policy and Planning	
1.	Introduction to Policy and Planning
2.	Educational Policy and Planning in Pakistan

3.	Policy and Planning: Models and Techniques
4	Challenges of Policy Development and Planning
5.	Policy and Planning in Comparative Perspective
6.	Education Policy and Reform
7.	Education Policy and Practice

Specialization 6: Curriculum Studies

1.	Curriculum Planning, Design and Implementation
2.	Curriculum Evaluation and Assessment
3.	Models of Curriculum
4	Localization and Contextualization of Curriculum
5.	Curriculum Change & Innovation
6.	Curriculum Adaptation
7.	Comparative Curriculum Studies
8.	Instructional Materials Development

Specialization 7: Educational Leadership and Management

1.	School Organization and Management
2.	Foundations of Educational Leadership
3.	Educational Laws and Policies
4	Leadership for Inclusive and Culturally Responsive Schools
5.	Human Resource Management in Education
6.	Human Relations in Schools
7.	Financial Management for School Leaders
8.	Educational Planning & Financing

Specialization 8: Educational Psychology

1.	Foundations of Education Psychology
2.	Social and Emotional Learning
3.	Mental Health and Wellbeing in Education
4	Positive Psychology
5.	Behavioral Management and Classroom Discipline
6.	Cognition and Metacognition
7.	Child Development and Learning
8.	Foundations of Education Psychology

Specialization 9: Guidance and Counselling

1.	Guidance and Counselling: Theory and Practice
2.	Counselling Children in Schools
3.	Child Guidance: Theory and Practice
4	Models of Counselling
5.	Career Counselling in Schools
6.	Mental Health and Wellbeing in Schools
7.	Counseling Theories and Techniques
8.	Guidance and Counselling: Theory and Practice

Specialization 10: Inclusive Education

1.	Inclusive Education: Theory and Practice
2.	Assessment in Inclusive Education
3.	Inclusive School Leadership
4	Inclusive Classroom Pedagogies
5.	Creating Inclusive Schools
6.	Comparative Perspectives of Inclusive Education
7.	Instructional Adaptation for Inclusion

Specialization 11: Literacy and Non-Formal Education

1.	Introduction to Literacy and Non-Formal Education
2.	Approaches and Methods of Non-Formal Education
3.	Global Practices for Literacy and Non-Formal Education
4	Non-Formal Education and Innovative Teaching Strategies
5.	Designing Literacy Programs for Marginalized Groups
6.	Foundations of Literacy
7.	Digital Literacy for Education

Specialization 12: Online and Distance Education

1.	Instructional Design for Online Learning
2.	Theories and Models of Distance Education
3.	Technology Tools and Platforms for Distance Learning
4	Pedagogy and Best Practices in Online Teaching
5.	Leadership in E-Learning and Distance Education
6.	Designing and Implementing e-Learning
7.	Distance Education: Global Challenges and Trends

Specialization 13: Quality Assurance in Education

1.	Fundamentals of Quality Management
2.	Total Quality Management in Education
3.	Quality Tools and Techniques for Schools
4	Quality Control and Inspection of Schools
5.	Quality Auditing in Schools
6.	Introduction to Quality Assurance in Education
7.	Managing Educational Quality

Specialization 14: Comparative Education

1.	Models of Comparative Education
2.	Education in Muslim World: Comparative Perspective
3.	Education in Developed World: Comparative Perspective
4	Global Education: Trends and Challenges
5.	Educational Effectiveness and Ineffectiveness
6.	Introduction to Comparative and International Education
7.	Education and Social Change: Comparative Perspective

Specialization 15: Teacher Professional Development

1.	Teacher Education Theories and Models
2.	Teacher Education in Pakistan: Historical Perspective

3.	Teacher Education in Islamic Perspective
4	Teacher Education in Global Perspective
5.	Teacher Education: Problems and Prospects
6.	Professional Development for Teachers
7.	Transforming Teacher Learning with Technology

Specialization 16: Mathematics Education

1.	Calculus
2.	Plane Curves & Analytical geometry
3.	Vectors & Mechanics
4	Linear Algebra and Ordinary Differential Equations
5.	Metric Spaces & Group Theory
6.	Mathematical Thinking and Learning
7.	Mathematics Education in 21st Century

Specialization 17: STEM Education

1.	Instructional Scaffolding in STEM Education
2.	Integrating STEM Education Methods
3.	Introduction to STEM Education
4	STEM Curriculum Design and Instructional Materials
5.	Learning in STEM
6.	Innovative STEM Education
7.	Technology in STEM Education

Specialization 18: Islamic Education

1.	Islamic Pedagogy and Teaching Methods
2.	Foundations of Islamic Education
3.	Quranic Teachings and Modern World
4	Islamization of Education
5.	Seerat Un Nabi (PBUH)
6.	Islamic Education Leadership and School Management
7.	Comparative Islamic and Western Education Systems

Specialization 19: Education for Sustainable Development

1.	Principles and Practices of Education for Sustainable Development
2.	Global Citizenship Education and Sustainability
3.	Change Management for Sustainable Development
4	Global Challenges and Sustainable Futures
5.	Community Engagement and Sustainable Development
6.	Foundations of Education for Sustainable Development
7.	Sustainability and Development Education

Specialization 20: Educational Entrepreneurship

1.	Foundations of Educational Entrepreneurship
2.	Design Thinking for Education Innovation
3.	Building and Scaling Educational Ventures
4	Education Technology and Entrepreneurship
5.	Social Entrepreneurship in Education

6.	Leadership and Educational Entrepreneurship
7.	Educational Entrepreneurship: Innovation in Learning

Specialization 21: Educational Technology

1.	Instructional Design and Technology
2.	Emerging Technologies in Education
3.	Learning Analytics and Educational Data
4	Mobile and Online Learning Development
5.	Learning Management Systems (LMS) and E-Learning Tools
6.	Digital Teaching and Learning
7.	Gamification and Interactive Learning

Specialization 22: Health and Physical Education

1.	Foundations of Health and Physical Education
2.	Kinesiology and Exercise Science
3.	Health Education and Wellness Promotion
4	Sports Coaching and Pedagogy
5.	Inclusive Physical Education
6.	Teaching Health Education in Schools
7.	Physical Education for 21st Century Schools

Specialization 23: Artificial Intelligence in Education

1.	Introduction to Artificial Intelligence in Education
2.	Artificial Intelligence in Schools
3.	Artificial Intelligence for Teachers and Education Leaders
4	Artificial Intelligence Supported Educational Technologies
5.	Artificial Intelligence in Education: Ethics and Impacts
6.	Future Trends and Innovations in AI for Education
7.	Artificial Intelligence Powered Learning Tools and Platforms

Specialization 24: Special Education (Intellectual Impairments)

1.	Introduction to Intellectual and Developmental Disabilities
2.	Teaching Children with Intellectual and Developmental Disabilities
3.	Transition Planning for Students with IDD
4	Assessment Practices for Intellectual and Developmental Disability
5.	Functional and Independent Living Skills for Children with IDD
6.	Behavior Management of Children with IDD
7.	Assistive Technologies for Students with IDD

Specialization 25: Special Education (Physical Impairments)

1.	Teaching Children with Physically Impairment
2.	Assistive Technologies for Children with Physical and Health Impairment
3.	Etiology of Physical and Health Impairment
4	Curriculum Development in Physical Education
5.	Management of Physical and Health Impairment
6.	Educational Adaptation for Children with Physical and Health Impairment
7.	Accessible Learning Environment for Children with Physical and Health Impairment

Specialization 26: Special Education (Hearing Impairments)	
1.	Teaching Children with Hearing Impairment
2.	Assistive Technologies for Children with Hearing Impairment
3.	Sign Language
4	Audiology and Hearing Disorder
5.	Speech and Language Development
6.	Inclusion and Accessibility for Deaf and Hard-of-Hearing Students
7.	Cognitive and Social-Emotional Development in Deaf Children
Specialization 27: Special Education (Visual Impairments)	
1.	1Teaching Children with Visual Impairments
2.	Assistive Technologies for Children with Visual Impairments
3.	Braille Literacy, Tactile and Digital Learning for Blind Students
4	Etiology of Visual Impairments
5.	Orientation and Mobility Skills for Visual Impairments
6.	Cognitive and Social-Emotional Development in Children with Visual Impairments
7.	Inclusive Education and Accessibility for Students with Visual Impairments
Specialization 28: Special Education (Learning Disabilities)	
1.	Teaching Children with Learning Disabilities
2.	Assistive Technologies and Digital Learning for Children with Learning Disabilities
3.	Etiology of Learning Disabilities
4	Intervention and Assessment of Learning Disabilities
5.	Cognitive and Neurodevelopmental Approaches to Learning Disabilities
6.	Instructional and Management Strategies for Learning Disabilities
7.	Behavioral and Emotional Regulation Strategies for Students with Learning Disabilities
Specialization 29: Special Education (Autism Spectrum Disorders)	
1.	Teaching Children with Autism Spectrum Disorders
2.	Assistive Technologies and Communication Strategies for Children with Autism Spectrum Disorders
3.	Autism Spectrum Disorders: Nature, Needs and Etiology
4	Assessment of Children with Autism Spectrum Disorder
5.	Neuroscience and Autism: Understanding the Brain
6.	Therapeutics Interventions in Autism Spectrum Disorder
7.	Social-Emotional Learning and Autism: Strategies for Inclusion

Interdisciplinary Courses and Others Alike

Suggested List of Interdisciplinary Courses: (The student has to choose 04 courses within below mentioned Interdisciplinary courses offered by HEI. HEIs are at liberty to add more courses to the list)	
1.	Education, Power and Politics
2.	Economics of Education
3.	Health and Safety Education
4.	Child Abuse and Safety
5.	Education in Pakistan
6.	Islamic Education

7.	Sociology of Education
8.	History of Education
9.	Media Education
10.	Science, Technology and Society
11.	Comparative Education
12.	Guidance and Counselling in School
13.	Production of Resource Materials
14.	Human Growth and Development
15.	Exceptional Children
16.	Development of Individualized Education Plan
17.	Family Problems and Interventions

Suggested List of Natural Science Courses: (The student has to choose 01 course within below mentioned courses offered by HEI)

1.	General Science
2.	Environmental Science
3.	Public Health
4.	Human Nutrition
5.	General Mathematics

Suggested List of Social Science Courses: (The student has to choose 01 course within below mentioned courses offered by HEI)

1.	Psychology
2.	Philosophy
3.	Economics
4.	History
5.	Political Science
6.	Sociology
7.	Social Work

Suggested List of Arts and Humanities Courses: (The student has to choose 01 course within below mentioned courses offered by HEI)

1.	Urdu
2.	Arabic
3.	Persian
4.	Statistics
5.	Fine Arts
6.	Journalism
7.	Physical Education
8.	Geography

Minors Courses (Optional)

- **Why Minor?** Students having minor would supplement their knowhow and enhance employment options. Minor would be reflected in the transcript as part the academic credentials; for example **B.Ed (2.5 Years) with Sociology**.

- **Relevant Areas of Minor:** Following minors have been planned. Students have the choice of taking the minors keeping in view their passion and interest.

- **Procedure for Opting the Minor:** Students opting for minor shall report to the HoD and get themselves registered for the opted category in 2nd week of 3rd Semester and follow the guidelines.

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