



Roadmap

Program Name: Bachelor of Education (B.Ed. 4 years)

Program Scheme of Studies

Structure of the Scheme	
Courses	Credit Hours
Core Courses: 2 (research/capstone project, internship)	6
Foundation Courses:	NA
Major Courses (Disciplinary): 22	65
Technical Electives: (6 courses) (Specialization in addition to Major/ Disciplinary):	18
General Electives: (4 courses) (Interdisciplinary)	12
Supporting Science:	NA
University Electives:	NA
Undergraduate 2.0 courses: 16	35
Total Credit Hours:	136

Year One							
Semester 1				Semester 2			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
SOC102	Understanding Society & Socio-Cultural Dynamics	2+0	NA	MA 101	Calculus (QR2)	3+0	Functional English (Eng 1)
SD221	Life and Learning	2+0	NA	EN123	Expository Writing (English II)	3+0	NA
EN110	Functional English (Eng I)	3+0	NA	POL 121	Pakistan: Ideology, Constitution and Society	2+0	NA
IS135	Computer Applications	3(2+1)	NA	ED 214	Foundations of Education	3+0	NA
ED218	Teaching Profession	3+0	NA	ED116	Critical Thinking and Reflective Practices	3+0	NA
ED 334	Educational Psychology	3+0	NA	ED119	Inclusive Education	3	NA
ITC 111	Fehm e Quran1/Understanding of Quran I	1(0+1)	NA	ITC 122	Fehm e Quran2 /Understanding of Quran II	1(0+1)	NA
Semester Credit Hours		17		Semester Credit Hours		18	

Year Two							
Semester 3				Semester 4			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
POL101	Pakistan Studies	2+0	NA	ISL112	Islamic Thought & Perspectives	2+0	NA
CH211	Everyday Science	2+0	NA	SD210	Civics and Community Engagement	2+0	NA
QM111	Quantitative Skills and Reasoning (QR1)	3+0	NA	MG224	Innovation and Entrepreneurship	2+0	NA
ED 215	Curriculum Development	3+0	NA	ED318	Education for sustainable development	3+0	NA
ED217	Educational assessment and evaluation	3+0	NA	ED221	Educational policies and plans of Pakistan	3+0	NA
ED220	Contemporary literacies	3+0	NA	ED222	School Observation	2+0	NA
ED443	Teaching of Science	3+0	NA	ED223	Teaching of Urdu	3+0	NA
				AI 210	Think AI	2+0	NA
Semester Credit Hours		19		Semester Credit Hours		19	

Year Three							
Semester 5				Semester 6			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
ED332	Environmental Studies/or equal	3+0	NA	QM120	Introduction to Statistics / or equal	3+0	NA
ED355	Guidance and Counselling/or equal	3+0	NA	ED303	Research Methods in Education	3+0	NA
Ed356	School Management	3+0	NA	ED 410	Teaching of English	3+0	NA
ED357	Teaching of social studies and Islamiyat	3+0	NA	ED107	Teaching of art craft and calligraphy	3+0	NA
Multiple	Specialization course 1	3+0	NA	Multiple	Specialization course 2	3+0	NA
ED309	Classroom Management	3+0	NA	SD100	English Immersion	0 (NC)	NA
Semester Credit Hours		18		Semester Credit Hours		15	

Year(four)							
Semester 7				Semester 8			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
ED460	Practice Teaching 1	3+0	NA	IS-230	Emerging Technologies /or equal	3+0	NA
ED446	Teaching of Mathematics	3+0	NA	ED461	Practice Teaching 2	3+0	NA
Multiple	Specialization course 3	3+0	NA	Multiple	Specialization course 5	3+0	NA
Multiple	Specialization course 4	3+0	NA	Multiple	Specialization course 6	3+0	NA
ED470	Internship	3+0	NA	ED490	Capstone Project/Thesis	3+0	Research Methods in Education
SD102	21 st Century Skills	0 (NC)					
Semester Credit Hours		15		Semester Credit Hours		15	

List of Electives

Area1 : Educational Leadership and Management (ELM) any 6 courses of 18 credit hours

Sr.	Course Code	Title of the Course	Credit Hours
1.	ED418	Foundations of Educational Leadership & Management	3
2.	ED421	School Effectiveness & Change Management	3
3.	ED424	Quality Management in Schools	3
4.	ED427	Leading and Supervising Instructions	3

5.	ED404	Developing Learning Community	3
6.	ED407	Communication in Educational Management	3
7.	ED421	School Effectiveness & Change Management	3
8.	ED429	Human Resource Planning & Management	3
9.	ED430	Educational Decision Making	3

Area2 : Inclusive Education any 6 courses of 18 credit hours

Sr.	Course Code	Title of the Course	Credit Hours
1.	ED319	Inclusive education theory and practice	3
2.	ED375	Assessment in Inclusive Education	3
3.	ED376	Inclusive School Leadership	3
4.	ED405	Inclusive Classroom pedagogies	3
5.	ED406	Creating Inclusive Schools	3
6.	ED407	Comparative Perspectives of Inclusive Education	3
7.	ED408	Instructional Adaptations for Inclusion	3

Area 3: Artificial Intelligence in Education any 6 courses of 18 credit hours

Sr.	Course Code	Title of the Course	Credit Hours
1.	ED378	Introduction to Artificial Intelligence in Education	3
2.	ED379	Artificial Intelligence in Schools	3
3.	ED400	Artificial Intelligence for Teachers and Education Leaders	3
4.	ED409	Artificial Intelligence Supported Educational Technologies	3
5.	ED412	Artificial Intelligence in Education: Ethics and Impacts	3
6.	ED419	Future Trends and Innovations in AI for Education	3
7.	ED420	Artificial Intelligence Powered Learning Tools and Platforms	3

Area 4: STEAM Education any 6 courses of 18 credit hours

Sr.	Course Code	Title of the Course	Credit Hours
1.	ED381	Instructional Scaffolding in STEM Education	3
2.	ED382	Integrating STEM Education Methods	3
3.	ED383	Introduction to STEM Education	3
4.	ED421	STEM Curriculum Design and Instructional Materials	3
5.	ED422	Learning in STEM	3
6.	ED423	Innovative STEM Education	3
7.	ED425	Technology in STEM Education	3

Area5 : English Language Teaching any 6 courses of 18 credit hours

Sr.	Course Code	Title of the Course	Credit Hours
1.	ED408	Psychology and sociology of Language	3
2.	ED419	Phonetics and phonology	3
3.	ED422	Semantics and pragmatics	3
4.	ED425	Teaching of Language skills	3

5.	ED428	Morphology and syntax	3
6.	ED432	Teaching Literature	3
7.	ED435	Assessment in ELT	3
8.	ED438	Syllabus design and materials development in ELT	3
9.	ED441	Lexical studies	3
10.	ED444	Approaches and methods to language teaching	3

Interdisciplinary Courses: 4 courses 12 credit hours

Sr. NO	Course Code	Course Title	Credit Hours
1	IS230	Emerging Technologies	3
2	ED355	Guidance and Counseling in School	3
3	ED 332	Environmental Studies	3
4	QM120	Introduction to Statistics	3
5	ED271	Child Abuse and Safety	3
6	ED290	Education in Pakistan	3
7	ED370	Islamic Education	3
8	ED250	Media Education	3
9	ED367	Production of Resource Materials	3
10	ED419	Human Growth and Development	3
11	ED280	Exceptional Children	3