

COURSES DETAILS - FALL 2023
11-09-2023 to 12-01-2024

MS/PhD Mathematics

S.#	Courses	CHs	Instructor	
1	MATH-801 Algebra	3-0	Dr. Muhammad Ishaq	Core Course (New Entry) MS/PhD
2	MATH-803 Geometry	3-0	Dr. Ibrar Hussain (SEECs)	Core Course (New Entry) MS/PhD
3	MATH-805 Computational Mathematics	3-0	Dr. Ahmad Javid	Core Course (New Entry) MS/PhD
4	MATH-817 Advanced Functional Analysis	3-0	Dr. Matloob Anwar	Core Course (New Entry) MS/PhD
5	MATH-898 Research Methodology	2-0	Dr. Rizwan ul Haq	MS (Additional) For Research Student
6	MATH-818 Theory of Ordinary Differential Equations	3-0	Dr. Meraj Mustafa Hashmi	MS/PhD
7	MATH-804 Differential Equations	3-0	Dr. Mujeeb Ur Rehman	For MS Improvement

MS Statistics
11-09-2023 to 12-01-2024

1	STAT-821 Probability Theory	3-0	Dr. Shakeel Ahmad	MS/PhD
2	STAT-822 Statistical Inference	3-0	Shared Faculty/TVF	MS/PhD
3	STAT-803 Generalized Linear Models	3-0	Shared Faculty/TVF	MS/PhD
4	STAT-804 Multivariate Analysis	3-0	Dr. Tahir Mehmood	MS/PhD
5	RM-898 Research Methodology	2-0	Dr. Rizwan ul Haq	MS (Additional) For research Student

MS/PhD Physics
11-09-2023 to 12-01-2024

S.#	Courses	CHs	Instructor	
1	PHY-801 Classical Mechanics	3+0	Dr. Faisal Munir	
2	PHY-803 Quantum Mechanics	3+0	Dr. Muhammad Nauman	
3	PHY-805 Electromagnetism	3+0	Dr. Muhammad Ali Paracha	
4	PHY-808 Methods & Techniques in Experimental Physics	3+0	Dr. Fahad Azad	
5	RM-898 Research Methodology	2-0		MS (Additional) For research Student
6	EE-903 Advanced Semiconductor Device Theory	3+0	Dr. Faheem Amin	
7	Reading & Research - I	1+0	Prof. Syed Rizwan	
8	Reading & Research - I	1+0	Dr. Tajammal Hussain	

MS/PhD Chemistry
11-09-2023 to 12-01-2024

S.#	Courses	CHs	Instructor	
1	CH-801 Organic Chemistry	3+0	Dr. Mudassr Iqbal	
2	CH-802 Physical Chemistry	3+0	Dr. khadija Munawar	
3	CH-803 Inorganic Chemistry	3+0	Dr. Muhammad Adil Mansoor	
4	CHE-823 Advanced Analytical Techniques	3+0	Dr. Habib Nasir	
5	RM-898 Research Methodology	2-0		MS (Additional) For research Student