

COURSES DETAILS - FALL 2026

07-09-2026 to 10-01-2027

MS/PhD Mathematics

S.#	Courses	CHs	Instructor	
1	MATH-801 Algebra	3+0	Dr. Muhammad Ishaq	
2	MATH-803 Geometry	3+0	Dr. Mubasher Jamil	
3	MATH-805 Computational Mathematics	3+0	Dr. Mujeeb ur Rehman	
4	MATH-817 Advanced Functional Analysis	3+0	Dr. Matloob Anwar	
5	MATH-818 Theory of Ordinary Differential Equations	3+0	Dr. Mujeeb ur Rehman	Elective
6	HU-131 Understanding of Quran-I	0+1	Dr. Muhammad Nawaz (JSPPL)	
7	RM-898 Research Methodology (A)	2-0	Dr. Hafiz M. Fahad	MS / PhD (Additional) For Research Student
8	MATH-960 Reading and Research-I	3+0	Dr. Matloob Anwar	Iqra Zulfiqar

MS Statistics with Data Science (Joint Program with SEECS)

S.#	Courses	CHs	Instructor
1	STAT-806 Statistcal Learning	3+0	Dr. Hayat Ali Shah
2	STAT-823 Computational Statistics	3+0	Dr. Firdos Khan
3	CS-808 Tools and Techniques for Data Science	3+0	Faculty member from SEECS
4	STAT-824 Linear Models and Regression Analysis	3+0	Dr. Tahir Mehmood
5	HU-131 Understanding of Quran-I	0+1	Dr. Muhammad Nawaz (JSPPL)

**MS/PhD Physics
07-09-2026 to 10-01-2027**

S.#	Courses	CHs	Instructor	
1	PHY-812 Advanced Mathematical Physics	3+0	Dr. Tajammal Hussain	
2	PHY-901 Advanced Quantum Mechanics	3+0	Dr. Saadi Ishaq	
3	PHY-814 Advanced Electrodynamics	3+0	Dr. M. Ali Paracha	
4	PHY-815 Techniques of Experimental & Computational Physics	3+0	Dr. Faheem Amin	
5	PHY-926 Condensed Matter Physics	3+0	Dr. Syed Rizwan Hussain	For all PhD and Fall 2025 MS Students
6	HU-131 Understanding of Quran-I	0+1	Dr. Muhammad Nawaz (JSPPL)	
7	RM-898 Research Methodology	2-0	Dr. Hafiz M. Fahad	MS (Additional) For research Student

**MS/PhD Chemistry
07-09-2026 to 10-01-2027**

S.#	Courses	CHs	Instructor	
1	CH-832 Advanced Techniques in Chemistry	3+0	Dr. Siraj Sultan	Core
2	CH-801 Organic Chemistry	3+0	Dr. Muhammad Arfan	
3	CH-802 Physical Chemistry	3+0	Dr. Mussamir Khan	
4	CH-803 Inorganic Chemistry	3+0	Dr. Muhammad Adil Mansoor	
5	ENS-820 Environmental Chemistry	3+0	Dr. Azhar Mahmood	
6	CH-826 Advanced Colloidal and Surface Chemistry	3+0	Dr. Kashif Majeed	
7	CH-809 Advanced Organometallic Chemistry	3+0	Dr. Shahid Ali Khan	
8	HU-131 Understanding of Quran-I	0+1	Dr. Muhammad Nawaz (JSPPL)	
	CH-915 Reading & Research-II	3+0	Dr. Azhar Mahmood	Kalsoon Ali