

| MS/PhD Mathematics Spring 2025 (27-01-2025 to 01-06-2025) |                                                        |     |                            |
|-----------------------------------------------------------|--------------------------------------------------------|-----|----------------------------|
| S.#                                                       | Courses                                                | CHs | Instructor                 |
| 1                                                         | MATH-941 Graph Theory                                  | 3+0 | Prof. Rashid Farooq        |
| 2                                                         | MATH-905 Symmetry Methods for Differential Equations-I | 3+0 | Prof. Tooba Feroze         |
| 3                                                         | ME-881 Advanced Fluid Mechanics                        | 3+0 | Prof. Meraj Mustafa Hashmi |
| 4                                                         | MATH-955 General Relativity and Cosmology              | 3-0 | Prof. Mubasher Jamil       |
| 5                                                         | MATH-903 Partial Differential Equations-I              | 3+0 | Prof. Mujeeb ur Rehman     |
| 6                                                         | MATH-807 Commutative Algebra                           | 3+0 | Prof. Muhammad Ishaq       |
| 7                                                         | MATH-908 Fixed Point Theory                            | 3+0 | Prof. Matloob Anwar        |
| 8                                                         | MATH-819 Analysis of Fractional Differential Equations | 3+0 | Dr. Hafiz Muhammad Fahad   |
| 9                                                         | MATH-956 Finite Volume Method                          | 3-0 | Dr. Muhammad Asif Farooq   |
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| MS/PhD Physics Spring 2024 (27-01-2025 to 01-06-2025)     |                                                        |     |                            |
| S.#                                                       | Courses                                                | CHs | Instructor                 |
| 1                                                         | PHY-806 Thermal Physics                                | 3+0 | Dr. Saadi Ishaq            |
| 2                                                         | PHY-923 Quantum Information & Quantum Computation      | 3+0 | Dr. Shahid Iqbal           |
| 3                                                         | PHY-914 Partical Physics-I                             | 3+0 | Dr. Faisal Munir           |
| 4                                                         | EE-903 Advanced Semiconductor Device Theory            | 3+0 | Dr. Faheem Amin            |
| 5                                                         | PHY-921 Plasma Physics                                 | 3+0 | Dr. Tajammal Hussain       |
| 6                                                         | PHY-928 Spectrosopy of Nanomaterials OR Nanophysics    | 3+0 | Dr. Fahad Azad             |
| 7                                                         | PHY-930 Computational Physics                          | 3+0 | Dr. Aamir Shafique         |
| 8                                                         | PHY-932 Astronomy & Astrophysics                       | 3+0 | Dr. Noraiz Tahir           |
|                                                           |                                                        |     |                            |
|                                                           | PHY-961 Reading & Research-I (A)                       | 3+0 |                            |
|                                                           |                                                        | 3+0 |                            |
|                                                           | PHY-962 Reading & Research-II (A)                      | 3+0 |                            |
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| MS/PhD Chemistry Spring 2025 (27-01-2025 to 01-06-2025)   |                                                        |     |                            |
| S.#                                                       | Courses                                                | CHs | Instructor                 |
| 1                                                         | CHE-816 Molecular Nanotechnology                       | 3+0 | Dr. Habib Nasir            |
| 2                                                         | CH-903 Advanced Spectroscopy                           | 3+0 | Dr. Muhammad Arfan         |
| 3                                                         | CH-817 Topic in Inorganic Chemistry                    | 3+0 | Dr. Manzar Sohail          |
| 4                                                         | ENS-820 Environmental Chemistry                        | 3+0 | Dr. Azhar Mahmood          |
| 5                                                         | CH-811 Organic Synthesis                               | 3+0 | Dr. Mudassir Iqbal         |
| 7                                                         | CH-806 Chemical Kinetics                               | 3+0 | Dr. Khadija Munawar        |
| 8                                                         | CSE-878 Computational Chemistry                        | 3+0 | Dr. M. Kashif Majeed       |
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| 8                                                         | CH-910 Reading and Research I (A)                      | 3+0 |                            |
| 12                                                        | CH-915 Reading and Research II (A)                     | 3+0 |                            |