Announcement of Spring 2023 Courses

As of: November 30, 2022

tba = to be announced

Electromagnetic Theory I [Class #56803] - PHYS 71500 [Open to all levels]
Graduate Center campus   Tu, Th, 2:00 pm – 4:00 pm   Room TBA   4.000 Credits    Timothy Boyer

Quantum Mechanics II [Class #56848] - PHYS 72600 [Open to all levels]
Graduate Center campus   Tu, Th, 9:00 am – 11:00 am   Room TBA   4.000 Credits    Peter Orland

Statistical Mechanics [Class #56851] - PHYS 74100 [Open to all levels]
Graduate Center campus   Tu, Th, 11:15 am – 1:00 pm   Room TBA   4.000 Credits    Anatoly Kuklov

Astrophysics I [Class #56852] - PHYS 75700 [Open to all levels]
Graduate Center campus   F, 12:40 pm – 4:00 pm   Room TBA   4.000 Credits    Tim Paglione

Geometry and Symmetry in Physics [Class #56908] - PHYS 85200
[Open to 2nd year or higher]
Graduate Center campus   M, 11:45 am – 2:45 pm   Room TBA   4.000 Credits    V. Parameswaran Nair

Special Topics in Quantum Field Theory [Class #56911] - PHYS 85200 [Open to all levels]
Graduate Center campus   W, 1:00 pm – 4:00 pm   Room TBA   1.000 Credit    Vladimir Rosenhaus

PHYSICS II – Quantum Optics [Class #56916] - PHYS 85200 [Open to 2nd year or higher]
Graduate Center Advanced Science Research Center   W, 9:30 am – 12:00 pm   3.000 Credits    Gabriele Grosso
[Open to all levels, students in Physics, Chemistry, Engineering and Material Science]

Frontiers in Photonics [Class #56917] - PHYS 85200 [Open to 2nd year or higher]
Graduate Center Advanced Science Research Center   1 day per week - schedule TBA   3.000 Credits    Andrea Alu
[Open to all levels, students in Physics, Chemistry, Engineering and Material Science]

Machine Learning for Physics and Astronomy [Class #56913] - PHYS 85200
[Open to level I & II]
Graduate Center campus   Tu, Th, 10:00 am 11:40 am   Room TBA   4.000 Credits    Viviana Acquaviva
[Open to students in Physics doctoral and Master’s Astrophysics programs; No auditors allowed]

Research Rotation II [Class #56853] - PHYS 85600 [Open to 1st-year Physics students only]
Graduate Center campus   [Rotation instructors and schedule to be determined]   3.000 Credits   Alexios Polychronakos
[1st-year Physics students are required to take this course; grading is Pass/Fail]

Independent Study - PHYS 89900 [Open to Physics students in 2nd year or higher only]
Graduate Center campus   1.000 – 4.000 Credits   [Open to Physics students with less than 60.0 cumulative credits; limited to 1 Independent Study course per semester; requires permission of Executive Officer; schedule is determined between instructor and student]

Dissertation Supervision - PHYS 90000 [Open to Level 3 Physics students only]