Announcement of Fall 2016 Courses
(As of: September 13, 2016)

Mathematical Methods in Physics [CRN: 32542] – PHYS 70100 [Open to all levels]
Graduate Center Campus M, W 9:45 am - 11:25 am Room # 6495 4.000 Credits Tobias Schäfer

Analytical Dynamics [CRN: 32543] – PHYS 71100 [Open to all levels]
Graduate Center Campus M, W 11:45 am - 1:25 pm Room # 6495 4.000 Credits Dmitry Garanin

Electromagnetic Theory II [CRN: 32544] – PHYS 71600 [Open to all levels]
Graduate Center Campus Tu, Th 2:00 pm - 4:00 pm Room # 3309 4.000 Credits Timothy Boyer

Quantum Mechanics I [CRN: 32545] – PHYS 72500 [Open to all levels]
Graduate Center Campus M, W 2:10 pm - 3:50 pm Room # 6496 4.000 Credits Leon Cohen

Particle Physics [CRN: 32547] – PHYS 73600 [Open to all levels]
Graduate Center Campus Th, 9:30 am – 12:40 pm Room # 4419 4.000 Credits Stefan Bathe

Solid State Physics [CRN: 32551] – PHYS 74500 [Open to all levels]
Graduate Center Campus Th, 4:15 pm – 7:30 pm Room # 3212 4.000 Credits Karl Sandeman

Quantum Theory of Fields I [CRN: 32546] – PHYS 82500 [Open to 2nd year or higher]
Graduate Center Campus M, 10:30 am – 2:30 pm Room # 4419 4.000 Credits V. Parameswaran Nair

Stellar and Galactic Astrophysics [CRN: 32548] – PHYS 85200 [Open to all levels]
American Museum of Natural History Tu, 10:30 am - 1:45 pm Perkin Reading Room (5th Floor, Rose Center) 4.000 Credits Emily Rice

Topological Insulators and Superconductors [CRN: 32549] – PHYS 85200 [Open to 2nd year or higher]
Graduate Center Campus F, 10:30 am – 1:45 pm Room # 4422 4.000 Credits Pouyan Ghaemi

Big Data Analysis: Principles and Methods [CRN: 32550] – PHYS 85200 [Open to 2nd year or higher]
Graduate Center Campus W, 1:00 pm – 4:00 pm Room # 5383 4.000 Credits Geva Patz [Open to students in the sciences, math, computer science and economics. Other majors require instructor approval]

Survey of Research Opportunities at CUNY [CRN: 32552] – PHYS 85400
[Open to 1st-year physics students only]
[1st-year students are required to take this course; Grading is Pass/Fail]
Graduate Center Campus F, 11:45 am – 1:45 pm Room # 6496 2.000 Credits Sultan Catto

Research Rotation I [CRN: 32553] - PHYS 85500 – GC [Open to 1st-year physics students only]
[1st-year students are required to take this course; Grading is Pass/Fail]
Graduate Center Campus [instructors and schedule to be determined] 2.000 Credits Igor Kuskovsky

Independent Study – PHYS 89900 [Requires permission of instructor]
Graduate Center Campus 1.000 – 4.000 Credits [Physics students are limited to 1 Independent Study course per semester]

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