Announcement of Fall 2016 Courses
(As of: April 28, 2016)

TBA = to be announced

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

Stellar and Galactic Astrophysics [CRN: 32548] – PHYS 85200  [Open to all levels]
Graduate Center Campus  Tu, 10:30 am - 1:45 pm  Room # [TBA]  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 # [TBA]  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 # [TBA]  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 students only]
Graduate Center Campus  F, 11:45 am - 1:45 pm  Room # [TBA]  2.000 Credits  Sultan Catto

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

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]