Announcement of Fall 2021 Courses
(As of 9 September 2021 rev)

Mathematical Methods in Physics [Class # 57929] – PHYS 70100  [Open to all levels]
Graduate Center Campus  M, W  2:10 pm – 3:55 pm  Room # C200a  4.000 Credits  Sriram Ganeshan

Analytical Dynamics [Class # 57930] – PHYS 71100  [Open to all levels]
Graduate Center Campus  M, W  11:15 am – 1:00 pm  Room # C200a  4.000 Credits  Sebastián Franco

Photonics [Class # 57931] – PHYS 71200  [Open to all levels]
Graduate Center Campus - ASRCb  T, Th  9:00 am – 10:45 am  1.131 Seminar Room  4.000 Credits  Matthew Sfeir

Electromagnetic Theory II [Class # 57935] – PHYS 71600  [Open to all levels]
Graduate Center Campus  Tu, Th  2:30 pm – 4:30 pm Room # 4102 (Science Ctr)  4.000 Credits  Timothy Boyer

Quantum Mechanics I [Class # 57933] – PHYS 72500  [Open to all levels]
Graduate Center Campus  M, W  9:00 am – 10:45 am  Room # C200a  4.000 Credits  Giovanni Ossola

Solid State Physics [Class # 57937] – PHYS 74500
[Open to all levels, non-physics major subject to instructor approval]
Graduate Center Campus  Tu  11:00 am – 2:15 pm  Room # 4102 (Science Ctr)  4.000 Credits  So Takei

Astrophysics I [Class # 57939] – PHYS 75700  [Open to all levels]
Graduate Center Campus  F  12:45 pm – 4:00 pm  Room # 7395  4.000 Credits  Tim Paglione

Nano and Micro Photonics [Class # 57950] – PHYS 81700
[Open to all levels, requires permission of physics program]
Graduate Center Campus  W  9:45 am – 12:45 pm  Room # 4102 (Science Ctr)  4.000 Credits  Matthew Sfeir
[Cross-listed with M.S. Nanoscience program]

Quantum Theory of Fields I [Class # 57941] – PHYS 82500  [Open to 2nd year or higher]
Graduate Center Campus  Th  11:00 am – 2:00 pm  Room # 4102 (Science Ctr)  4.000 Credits  Daniel Kabat

Special Topics: Many-body Quantum Chaos [Class # 57943] – PHYS 85200  [Open to all levels]
Graduate Center Campus  M  11:00 am – 2:00 pm  Room # 4102 (Science Ctr)  4.000 Credits  Vladimir Rosenhaus

Survey of Research Opportunities at CUNY [Class # 57947] – PHYS 85400
[Open to 1st-year physics students only]
Graduate Center Campus  F  9:30 am – 12:00 pm  Room # 9205-9206  3.000 Credits  Azriel Genack
[1st-year students are required to take this course; Grading is Pass/Fail]

Research Rotation I [Class # 57949] – PHYS 85500  [Open to 1st-year physics students only]
Graduate Center Campus [rotation faculty and schedules to be announced]  1.000 Credit  Alexios Polychronakos
[1st-year students are required to take this course; Grading is Pass/Fail]

Independent Study – PHYS 89900  [Open to Level I and II Physics students only]
Graduate Center Campus  1.000 Credits
[Students are limited to 1 Independent Study course per semester, requires permission of instructor, and open to students with less than 60 total credits]

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