

Courses are Taught in-person

Announcement of Fall 2021 Courses

(As of 9 September 2021 rev)

Requests for syllabi may be sent to: d moy@gc.cuny.edu

Mathematical Methods in Physics [Class # 57929] – PHYS 70100 [Open to all levels]
Graduate Center Campus M, W 2:10 pm – 3:55 pm Room # C200^a 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 # C200^a 4.000 Credits Sebastián Franco

Photonics [Class # 57931] – PHYS 71200 [Open to all levels]
Graduate Center Campus-ASRC^b 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 # C200^a 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]



^a room #C200 (Proshansky Auditorium) is located at the concourse level.

^b this course is taught at the uptown Graduate Center facility; Advanced Science Research Center, at the City College of New York campus.