

Announcement of Fall 2022 Courses

Courses are Taught in-person

(As of 1 September 2022)

Requests for syllabi may be emailed to: dmoy@gc.cuny.edu

Mathematical Methods in Physics [Class # 57512] – PHYS 70100 [Open to all levels]

Graduate Center Campus M, 2:00 pm – 3:50 pm and Th, 11:00 am – 12:50 pm

Room # 6496 4.000 Credits V. Parameswaran Nair

Analytical Dynamics [Class # 57509] – PHYS 71100 [Open to all levels]

Graduate Center Campus M, W, 11:15 am – 1:00 pm Room # 6496 4.000 Credits Sebastián Franco

Photonics [Class # 57524] – PHYS 71200 [Open to all levels]

Graduate Center Campus W, 1:15 pm – 3:00 pm and Th, 9:00 am – 10:45 am

Room # 6496 4.000 Credits Matthew Sfeir

Quantum Mechanics I [Class # 57505] – PHYS 72500 [Open to all levels]

Graduate Center Campus M, W, 9:00 am – 10:45 am Room # 6496 4.000 Credits Giovanni Ossola

Electromagnetic Theory II [Class # 57525] – PHYS 71600 [Open to all levels]

Graduate Center Campus Tu, Th, 2:00 pm – 4:00 pm Room # 6496 4.000 Credits Timothy Boyer

[co-listed with City College of New York's Physics MS program as Physics V1600]

Solid State Physics [Class # 57526] – PHYS 74500

[Open to all levels, non-physics major requires instructor approval]

Graduate Center Campus Tu, 9:00 am – 12:15 pm Room # 3212 4.000 Credits So Takei

Particle Physics [Class # 57527] – PHYS 73600 [Open to all levels]

Graduate Center Campus F, 11:00 am – 3:00 pm Room # 3309 4.000 Credits James Popp

Computational Methods in Physics [Class # 57528] – PHYS 78100

[Open to all levels, non-physics major subject to instructor approval]

Graduate Center Campus M, W, 10:00 am – 12:00 pm Room # 6495 4.000 Credits Ariyeh Maller

Quantum Information [Class # 57530] – PHYS 83100 [Open to 2nd year or higher]

Graduate Center Campus Tu, 12:30 pm – 2:30 pm Room # 6421 and Th, 10:00 am – 12:00 pm Room # 7395

4.000 Credits Janos Bergou

High Energy Physics [Class # 57531] – PHYS 83400 [Open to all levels]

Graduate Center Campus M, 4:00 pm – 7:00 pm Room # 3309 4.000 Credits Jamal Jalilian-Marian

Special Topics: Unsolved Problems in Astrophysics [Class # 57532] – PHYS 85200 [Open to all levels]

American Museum of Natural History Campus Rose Center for Earth & Science Perkin Reading Room (5th floor)

Tu, 1:00 pm – 4:00 pm 4.000 Credits Emily Rice [co-listed with Graduate Center's MS Astrophysics program]

Special Topics: Early Universe Cosmology [Class # 57533] – PHYS 85200 [Open to all levels]

Graduate Center Campus W, 1:15 pm – 4:15 pm Room # 6495 4.000 Credits Vladimir Rosenhaus

Survey of Research Opportunities at CUNY [Class # 57536] – PHYS 85400

[Open to 1st-year physics students only]

Graduate Center Campus Th, 1:30 pm – 4:00 pm Room # 6495 3.000 Credits Sophia Suarez

[1st-year students are required to take this course; Grading is Pass/Fail]

Research Rotation I [Class # 57537] – 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]

1.000 – 4.000 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]

1.000 Credit

Cancelled