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Memorial Sloan Kettering  
Cancer Center

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FOR THE MEDIA

The primary purpose of the hybrid program is to provide a high level of specialized research, instruction, and clinical training in areas of therapeutic medical physics. The major goal of the program is to prepare candidates for careers as qualified medical physicists (QMP) in clinical practice. This includes preparation for certification by the American Board of Radiology (ABR) and the subsequent licensure mandated by the State of New York.

### Admission Requirements: Hybrid Track (2+2)

4-year hybrid research and clinical residency

- An earned doctorate in medical physics, physics, engineering, or similar scientific discipline.
- If the degree is not in medical physics or physics, then coursework equivalent to an undergraduate minor in physics is required, including:
  - A two-semester calculus-based introductory physics course
  - Three advanced physics courses

### Admission Requirements: Clinical Track (0+2)

2-year Residency (Clinical) Only

- An earned graduate degree in Medical Physics from a CAMPEP accredited institution or:
- An earned doctorate in physics, engineering, or similar scientific discipline and a CAMPEP accredited certificate
- If the degree is not in physics, then coursework equivalent to an undergraduate minor in physics is also required, including:
  - A two-semester calculus-based introductory physics course
  - Three upper-division physics courses

### Additional Requirements

Candidates who have completed the postdoctoral research fellowships at MSKCC or elsewhere who become interested in the 2-year clinical residency may apply to residency only openings but must satisfy the above criteria.

Candidates who enter the 4-year program without CAMPEP credentials will apply to enroll in a CAMPEP certificate program with tuition support from the Medical Physics Department. The candidate will be required to complete the certificate during the first two years of the program prior to entering clinical training.

### Deadline

Therapeutic Medical Physics Residency

Several openings are posted each year, please look for announcement of open positions.

### **Length of Program**

- Four years (2 years of Research + 2 years of Clinical)
- Two years (when announced)

### **Number of Positions**

- Up to 12 hybrid 4-year (up to 6 in research training phase and up to 6 in clinical training)
- Variable for 2-year option

Program Director

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