

Health Physics (Certificate)

NE 777 Radiological
Assessment

Total Hours 12

The Graduate Certificate in Health Physics (GCHP) is intended to support industry, government, military and the national laboratories with expertise in radiation safety for workers who have not had formal education in the same. Many engineers and specialists work in the nuclear field who might be mechanical, electrical or civil engineers, etc. and may seek to supplement this education with radiation safety science and technology. Even graduate nuclear engineering students often have interest in health physics and obtaining this credential will enable them to demonstrate to future employers a meaningful commitment and basic competence in the same. It is further intended that this curriculum will assist students seeking to eventually become certified as health physicists through the American Board of Health Physics. This certificate is intended to help prepare students for the Board exam, and to qualify them to obtain professional experience that is also required for certification.

More Information

Health Physics Program Website (<https://www.ne.ncsu.edu/academics/graduate-programs/>)

Applicant Information

- **Delivery Method:** On-Campus, Online, Hybrid
- **Entrance Exam:**
- **Interview Required:**

Application Deadlines

- **Fall:** January 15
- **Spring:** September 15
- **Summer 1 and 2:** January 15

Plan Requirements

Code	Title	Hours	Counts towards
Required Courses		6	
NE 504	Radiation Safety and Shielding		
NE 590	Health Physics and Radiological Emergency Response		
Additional Courses		6	
Select two courses from the following:			
NE 520	Radiation and Reactor Fundamentals		
NE 521	Principles of Radiation Measurement		
NE 531	Nuclear Waste Management		