

# Health Physics (Minor)

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The minor will enable students to understand the fundamentals of ionizing radiation safety, radiological control and the dosimetric consequences of nuclear activity to workers, the public and environment. The breadth and depth of the minor is designed to enable students to become a Certified Health Physicist by the American Board of Health Physics during the course of their professional career.

## Admissions and Certification of Minor

To be admitted to the program, a student must have a GPA of at least 2.0. Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student's academic record, and in most cases no longer requires departmental review. Go to Add a Minor (<https://studentservices.ncsu.edu/your-degree/coda-home/add-a-minor/>) to apply.

## Contact

### Dr. Robert Hayes

2101 Burlington Engineering Laboratories  
919.515.321  
rbhayes@ncsu.edu

**SIS Code: 14HPM**

## Plan Requirements

- Completion of the designated HP courses with all courses completed with a C- or better
- NE 290 Introduction to Health Physics must be completed with a B or better
- NE 431 Nuclear Waste Management/NE 531 Nuclear Waste Management and NE 490 Health Physics and Radiological Emergency Response/NE 590 Health Physics and Radiological Emergency Response must be completed with a B- or better

Code	Title	Hours
<b>Required Courses</b>		
ET 105	Introduction to Environmental Regulations	1
NE 202	Radiation Sources, Interaction and Detection	4
NE 290	Introduction to Health Physics	3
MEA 215	Introduction to Atmospheric Sciences	4
ST 370	Probability and Statistics for Engineers	3
BAET 323	Water Management	3
NE 404/504	Radiation Safety and Shielding	3
MEA 412	Atmospheric Physics	3
NR 484	Environmental Impact Assessment	4
NE 431/531	Nuclear Waste Management	3
NE 490/590	Health Physics and Radiological Emergency Response	3
<b>Total Hours</b>		<b>34</b>